1969 - After many years of developing his fabrication skills, IAE was officially founded and through his strong work ethic, Frank Klucznik quickly built himself a reputation among the local farming community for producing quality products that were built to last. As knowledge of his quality products spread, “that pole in Leek” began to sell his products nationally.

1970 - Over the next decade IAE grew steadily. Starting with only a small yard in 1969, by 1970 Frank had already rented an additional building in the same yard.

1971 - With his equally hard working attitude Frank Klucznik’s son David joined IAE, aged 15.

1973 - Expansion continued with the purchase of Star Mill adding a further 2,500 square feet of manufacturing space along with an increased work force of 15.

1974 - IAE delivery vehicles were now seen nationwide.

1979 - IAE purchased additional premises in Milton to keep up with demand. Cattle crushes were introduced to the IAE range.

1982 - IAE trebled in size following the purchase of the Macclesfield Road site in Leek.

1990 - IAE purchased additional premises in Milton to keep up with demand. Cattle crushes were introduced to the IAE range.

1992 - More factory space was purchased at the Barnfields site in Leek and with more manufacturing capability came more products and in 1992 fencing production began at the Macclesfield Road site.

1993 - IAE Cheadle site was purchased.

1994 - IAE Fencing Division, allowing all fencing products to be manufactured under one roof. Maximising efficiency and productivity.

1997 - IAE Equestrian Division was formed. IAE have designed and manufactured many types of stabling, as well as being associated with many projects at prestigious racecourses.

1998 - Acquisition of Mossfield Road, Longton, Stoke-on-Trent.

1999 - Frank Klucznik Jr joined his father in the family business. By the time the decade was out, the expansion of the company had created a further 160 jobs.

1999 - IAE Galvanizing Plant opens.

2001 - Significant investment was made in an automated sheet metal facility that has propelled IAE even further forward in modern manufacturing methods.

2003 - IAE Galvanizing Plant opens.

2004 - Katie Klucznik also joined her father in the family business.

2007 - Spelt the beginning of the vision of amalgamating all existing sites when the first phase of the production division was commissioned at Mossfield Road. The summer of 2007 saw the first, the Milton site, and then the Barnfield site relocated.

2008 - To meet the storage requirements of the developing site at Mossfield Road, a second distribution yard was constructed.

2009 - A new 13,550 square foot headquarters was built to house the expanding office work force. All offices at existing sites were relocated to the new building.

2009 - A new 13,550 square foot headquarters was built to house the expanding office work force. All offices at existing sites were relocated to the new building.

2010 - Saw the creation of the shelters division.

2011 - Significant investment was made in an automated sheet metal facility that has propelled IAE even further forward in modern manufacturing methods.

Since the end of the 1990s the workforce has more than doubled from 200 to 500 employees making IAE one of Staffordshire’s largest employers within the manufacturing sector.
Today.....

IAE operate from a 36 acre purpose built, environmentally conscious site near Stoke-on-Trent in Staffordshire, England. We remain a family run business with a turnover in excess of 50 million and employ over 500 people.

Over the years we have continually invested in the latest technology to ensure that IAE offer a range of products and degree of precision that is unprecedented in our field. After manufacture our products are hot dip galvanized to BS EN ISO 1461 at our in-house facility and deliveries are carried out by our own fleet of modern satellite tracked vehicles.
Our Future.....

Our 50th year sees the start of our 5 year plan taking shape, with work commencing on the ten acres of land purchased in 2014. Our plans include the development of a new 200,000 square feet learning and indoor demonstration centre, powder coating plant and an additional manufacturing facility.

Our Aims.....

We strive to remain the UK’s leading manufacturer by continuing to invest in people and the latest technology. Our ethos of offering good value products remains today and listening to the invaluable suggestions from our customers has helped us to continue to improve our products and serve you, our customer. Thank you.
All IAE products are available from our extensive dealer network throughout the United Kingdom.

FINISH - HOT DIP GALVANIZED TO BS EN ISO 1461 unless otherwise stated

FOR FURTHER INFORMATION visit www.galvanizing.org.uk

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See Index at the back of the brochure for specific products Page 150
The cattle crush is unquestionably the most important feature of any cattle handling system. No other component will come under such intense pressure, and with health and safety such an integral part of our everyday life it is now vitally important to ensure you have the correct crush for your needs. A good crush will reduce stress on both animal and operator, thereby ensuring a safer and more productive environment.
The new M1000 yoke represents the pinnacle of manual yoke design and encompasses the foremost yoke concepts and everything IAE have learned over 25 years of yoke manufacture and development.

Speed is a key feature of the M1000. A sliding gate design, the yoke is opened and closed manually using the smooth operating handle. At whatever point the doors are positioned, they lock automatically, rendering time intensive individual adjustment unnecessary. The doors are then easily unlocked and opened by the operating handle in one easy movement.

The super quiet ratchet free design is an advantage when handling nervous cattle. The yoke also entices animals into and through the crush by being left fully open by the operator, yet is quick enough to catch the animal as it passes. This saves time and manpower by negating the need to encourage animals to move down the race. The yoke will lock at any point throughout its range of movement, this highly adjustable design makes the M1000 yoke ideal for mixed herds as well as short horned cattle. The solid front gates of the M1000 means no leg trapping at all points of the yoke’s operation.

Extensively tested by using computer simulations, a purpose built pneumatic “accelerated simulation” test rig (to over 150,000 cycles without failure), plus on site testing with thousands of animals for over 12 months, the M1000 is a highly developed cattle crush that is built to last.

The M1000 yoke is allied to the new 1000 series crush body, featuring:

- Internal dimension of 760mm to allow large animals to fit into the crush with ease
- Three full length gates on each side of the crush to offer full access to the whole of the animal when fully opened. These gates can be opened in stages to keep the animal contained at all times, increasing operator safety. The side gates can also be removed completely and reversed to open in the other direction
- Advanced polyethylene bushed hinges and polymer/steel “easy open latches” are used to reduce crush noise signature and enhance the overall feel of the product
- Integrated load bar points (no need for separate load bar brackets)
- Easily upgraded with optional extras (see page 12)
### Cattle Crushes - Professional Range

#### Cattle Crush Specifications

<table>
<thead>
<tr>
<th>Type of Breed:</th>
<th>Dairy, Beef</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions:</td>
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<tr>
<td>Length</td>
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<tr>
<td>Base Length</td>
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<tr>
<td>Width</td>
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<tr>
<td>Internal Width</td>
<td>760mm</td>
</tr>
<tr>
<td>Height</td>
<td>2460mm</td>
</tr>
<tr>
<td>Weight of Crush:</td>
<td>730kgs</td>
</tr>
</tbody>
</table>

#### Features

1. **Bushed hinge points - long life and quiet**
2. **Three full length side access doors supplied rear hinged. Can be reassembled as front hinged (self assembly)**
3. **Front and rear yoke operating handles allows the operator to maintain the cattle point of balance**
4. **Built in footblock brackets**
5. **Drop down squeeze operation handle**
6. **Fully welded flat tread plate floor**
7. **Built in loadbar points (no need for separate brackets)**
8. **Pallet fork lifting points (internal)**
9. **Unique heavy duty smooth action spring latches, steel core polymer coated for strength, durability and quiet action**
10. **Fully retractable yoke doors - Maximum aperture 760mm Minimum aperture 100mm**
11. **New locking mechanism offering maximum security even when partially closed**
12. **Squeeze release handle**

### Key Features

- **Speed and Ease of Use**
  - For speedy setting and releasing of the squeeze mechanism the IAE "vari-lock" system excels, taking principles applied in our flagship manual yoke; this system allows the panels to be placed (and automatically locked) in any infinitely variable position within the operating range. (Full crush width 760mm to a minimum of 260mm).

- **Quick Release**
  - The panels are returned to the open position thanks to a simple lever that activates the spring loaded return mechanism, quickly and quietly allowing the animal to be released.

- **Linked Squeeze Action**
  - The "squeeze" side panels are linked and can be operated from either side of the crush using a simple drop down handle. Minimum effort is required due to the length of the operating levers, the "floating" panel design and the high quality taper bearing support mechanism, which make moving the "squeeze" panels up to the animal effortless.

- **Safety "Vari-Lock"**
  - No amount of sideways force by the animal will open the "squeezed" panels due to the use of the same "vari-lock" principle as the M1000 yoke. It is reset by the spring loaded release handle.

- **User Friendly**
  - The operating levers for the "squeeze" panels are located at the rear of the crush. This position and the optional sliding rear gate, means that all functions of the crush can be performed without the operator moving from their working position.

- **Baffle Covers**
  - Fitted to cover gaps, stopping inquisitive animals from trying to investigate areas that are inaccessible at the rear sides of inner panels (when set to closed position).

- **Quiet Operation**
  1. IAE’s unique polymer/steel spring bolt and handle, specifically designed to minimise the rattling "steel on steel" noise.
  2. Polymer hinge bushes for the 3 full length side gates.
  3. Rubber damping and buffers for moving "squeeze" mechanism elements.
  4. The entire structure of the crush being engineered for optimum strength, reducing flex and therefore reducing noise.

- **Long Life**
  - Durability derived from design.

- **Maintenance Free Elements**
  - Plain (oil impregnated) bearings in inaccessible areas.
The A1000 cattle crush is extremely robust. It has been designed for use in professional environments where cattle are frequently handled in high numbers. If strength, ease of use and longevity are priorities when choosing your cattle crush, the A1000 will easily meet your needs.

The A1000 yoke is the ultimate evolution of the Self-Closing yoke concept. Similar in operation to our popular Saracen yoke but further developed and with an upgraded specification, the stronger and heavier yoke can be set with 7 different apertures (from 100mm to 260mm). The yokes are easily adjusted using the rotating handle and locking bar, and readjusted in one easy movement. The telescopic adjustment features sliding bearings to keep vibration and noise to an absolute minimum.

The two leaves of the yoke are fully synchronised and operate as a cohesive unit which minimises pressure when animals approach the yoke at an oblique angle. Fully sheeted internally, the yokes are designed with paramount animal safety in mind.

Extensively and rigorously tested in numerous farm environments with thousands of cattle having passed through the final test units, the A1000 is a proven choice for a busy farm looking for an automatic yoke crush.

The A1000 yoke is allied to the new 1000 series crush body, featuring:

- Internal dimension of 760mm to allow large animals to fit into the crush with ease
- Three full length gates on each side of the crush to offer full access to the whole of the animal when fully opened. These gates can be opened in stages to keep the animal contained at all times, increasing operator safety. The side gates can also be removed completely and reversed to open in the other direction
- Advanced polyethylene bushed hinges and polymer/steel "easy open latches" are used to reduce crush noise signature and enhance the overall feel of the product
- Integrated load bar points (no need for separate load bar brackets)
- Easily upgraded with optional extras (see page 12)
• Speed and Ease of Use
For speedy setting and releasing of the squeeze mechanism the IAE "vari-lock" system excels, taking principles applied in our flagship manual yoke, this system allows the panels to be placed (and automatically locked) in any infinitely variable position within the operating range. (Full crush width 760mm to a minimum of 260mm).

• Quick Release
The panels are returned to the open position thanks to a simple lever that activates the spring loaded return mechanism, quickly and quietly allowing the animal to be released.

• Linked Squeeze Action
The "squeeze" side panels are linked and can be operated from either side of the crush using a simple drop down handle. Minimum effort is required due to the length of the operating levers, the "floating" panel design and the high quality taper bearing support mechanism, which make moving the "squeeze" panels up to the animal effortless.

• Safety "Vari-Lock"
No amount of sideways force by the animal will open the "squeezed" panels due to the use of the same "vari-lock" principle as the M1000 yoke. It is reset by the spring loaded release handle.

• User Friendly
The operating levers for the "squeeze" panels are located at the rear of the crush. This position and the optional sliding rear gate, means that all functions of the crush can be performed without the operator moving from their working position.

• Baffle Covers
Fitted to cover gaps, stopping inquisitive animals from trying to investigate areas that are inaccessible at the rear sides of inner panels (when set to closed position).

• Quiet Operation
1. IAE's unique polymer/steel spring bolt and handle, specifically designed to minimise the rattling "steel on steel" noise.
2. Polymer hinge bushes for the 3 full length side gates.
3. Rubber damping and buffers for moving "squeeze" mechanism elements.
4. The entire structure of the crush being engineered for optimum strength, reducing flex and therefore reducing noise.

• Long Life
Durability derived from design.

• Maintenance Free Elements
Plain (oil impregnated) bearings in inaccessible areas.
Cattle Crushes - Professional Range - Optional Extras

**Foot Trim Kit**
Compatible with crush extension
Not compatible with sliding door

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>FO45 2013 54</td>
<td>£990.53</td>
<td></td>
</tr>
</tbody>
</table>

**Crush Extension**
Two piece side doors lock at 90° behind animal to allow safer access for Pregnancy diagnosis and blood work.
- Extends crush length
- Slide door stops next animal coming down the race
- Bottom side doors swing in and out which may prevent operator being kicked

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>FO45 2013 50</td>
<td>To suit A Series Crush</td>
<td>£1750.17</td>
</tr>
<tr>
<td>FO45 2013 60</td>
<td>To suit M Series Crush</td>
<td>£1750.17</td>
</tr>
</tbody>
</table>

Use when access to the rear of the animal is required, operator can pass safely behind.

Extension includes its own slide gate but is not compatible with a slide gate already on the rear of the crush.

**M1000 Crush Front Cage**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>FO45 2013 56</td>
<td>£416.40</td>
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</table>

**Rear Slide Gate**
Professional Range Crush - Rear Slide Gate only
**NB:** Rear Slide gate not compatible with Rotating Rump Bar

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>FO45 2013 55</td>
<td>£676.34</td>
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</tbody>
</table>

**Weighscale Holder**
(shown with W210 indicator)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>FO45 2013 52</td>
<td>£224.61</td>
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</table>
Superscoop®

The ever popular IAE Superscoop has now been upgraded to Mark 4.5.

The key upgrade to the Mark 4.5 is the inclusion of a positive unidirectional lock and locking position for the scoop arm at rest (in its vertical position). This is key in preventing accidental knocks and damage when not in use. In addition, internal components have been upgraded to improve reliability and longevity.

These improvements follow the upgrades previously made to the Superscoop, such as the revised plastic moulding that offers greater strength, whilst improving access to the head, reducing proximity to the eyes and minimising ear tag loss.

The unit is configurable to either hand. Supplied factory fitted as a right hand unit only, consumers who wish to operate the scoop from the other side of the crush can change the handing of their unit with a simple change around procedure (full documentation supplied).

Features include:

- Locking ratchet mechanism using a concentric ratchet locking face and pawl allowing for an easier release when under load, reducing strain on the operator and animal
- A superior fixing bracket which offers a more stable point of rotation
- Extra-large diameter central pivot point distributing load over a greater area, significantly reducing wear on that component
- Maintenance free central bearing of self-lubricating carbon filled PTFE, offering exceptional strength and wear characteristics
- Neat aesthetics featuring an all internal mechanism, without reducing ease of maintenance
- Restricts the side to side movement of the animals head
- Provides increased safety for the animal and the operator
- Takes the strain out of tasks such as dosing and ear tagging
- Keeps the head up so reducing the risk of the animal choking
- Helps prevent animal collapsing
- May need some self assembly

Mk 4.5 suitable for Chieftain and Saracen Yokes

FO45.2200.18 £567.14

Mk 4.5 suitable for A1000 and M1000 Crushes

FO45.2200.19 £567.14
Automatic yokes are activated by the animal trying to move through a visible gap, should be used in situations where animals that are not handled very frequently, or have a tendency to resist being restrained.

Docile or frequently handled animals can sometimes fail to activate an automatic yoke, because they have become accustomed to being restrained. A manual yoke is preferable in this situation. Typically seen with dairy cattle, although it does apply in other circumstances.

An automatic yoke can give great flexibility in terms of required number of operator personnel as a yoke set ready for the next animal can be left for the animal to activate whilst the user readies another procedure or set of tasks for example, without worrying about having to “catch” an animal in the yoke.

The Saracen Yoke is a self-closing “automatic” yoke which is activated by the animal’s forward movement.

Release handles are fitted to both sides of the yoke. If an animal shuts the yoke having not put its head through, handles allow the yoke to be quickly reset without the need for the animal to exit the crush first. There is also another operator handle fitted to assist the animal’s exit from the yoke if required.
Saracen Squeeze

Handles on both sides allow you to unlock and reset yoke mechanism

Adjustable to seven yoke settings widths between 100 and 250mm

Four side doors allowing access to the animal’s flank

Fully welded flat tread plate floor

Ratchet Rump Bar

Removable rail

Squeeze controls on both sides of the crush (any hand squeeze operation)

Super quiet design, featuring rubber bumpers to minimise sound from moving parts on squeeze mechanism

Floating panel design for minimum effort of operation

Squeeze Release control (operational from both sides of the crush)

Pallet fork lifting points welded onto the top horizontal rails

Dimensions:
- Length: 2340mm
- Base Length: 2200mm
- Width: 838mm
- Internal Width: 738 - 260mm
- Height: 1800mm

Weight of Crush: 600kgs

Optional rear gate not included. See page 26 for options.

NB: Not compatible with sliding gate system

FO40 2008 02

The “squeeze” panels operate quickly and quietly enabling the operator to perform tasks whilst keeping the animal calm and safe.

Optional rear gate not included. See page 26 for options.

Type of Breed: Dairy, Beef

FO45 2005 11 £4390.33

FO45 2200 18 £567.14

Specifications Table

<table>
<thead>
<tr>
<th>Crush Type</th>
<th>3 Point Linkage</th>
<th>Weigh Platform</th>
<th>Load Bars</th>
<th>F/Trim</th>
<th>Pallet Lifting Point</th>
<th>SuperScoop</th>
<th>Anyhand Rear Gate</th>
<th>Sliding Rear Gate</th>
<th>Kiosk Lugs</th>
<th>305 extra length</th>
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</thead>
<tbody>
<tr>
<td>Saracen Squeeze</td>
<td>x</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>x</td>
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</tbody>
</table>

Superscoop® Compatible

Dimensions: 2340mm x 2200mm x 838mm

Internal Width: 738 - 260mm

Height: 1800mm

Weight of Crush: 600kgs

Squeeze Mechanism Shown

Body Out

Body In
Cattle Crushes - Premium Range

- **Type of Breed:** Dairy, Beef
- **Dimensions:**
  - Length: 2340mm
  - Base Length: 2030mm
  - Width: 838mm
  - Internal Width: 738mm
  - Height: 2000mm
- **Weight of Crush:** 461kgs

### Superscoop® Compatible

- Rear gate included as standard
- Can be manufactured whole or part opposite hand if required (extra cost)
- Can be manufactured 305mm longer than standard if required (extra cost)

### Features

1. Pallet fork lifting points welded onto the top horizontal rails
2. Removeable side rail on each side to allow access to the animal
3. Ratchet type rump bar
4. Two fully opening side doors on each side to allow access to the animal's flanks
5. Flat treadplate floor to allow calves unrestricted access to suckle
6. Handles on both sides allow you to unlock and reset yoke mechanism
7. Yoke adjustable to seven different width settings

### Specifications

<table>
<thead>
<tr>
<th>Crush Type</th>
<th>3 Point Linkage</th>
<th>Weigh Platform</th>
<th>Load Bars</th>
<th>F/R Trim</th>
<th>Pallet Lifting Point</th>
<th>Superscoop</th>
<th>Anyhand Rear Gate</th>
<th>Sliding Rear Gate</th>
<th>Kiosk Lugs</th>
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<td>Saracen Suckler</td>
<td>X</td>
<td>●</td>
<td>●</td>
<td>●</td>
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<td>●</td>
<td>●</td>
<td>●</td>
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</table>

**F045 2005 05**

£2648.16
Saracen Rotating Rump Bar

1. Pallet fork lifting points welded onto the top horizontal rails
2. Wheel operated rotating rump bar keeps the animal forward whilst eliminating the risk of 'trapped fingers'
3. Multiple settings allow the rump bar assembly to slide forward
4. Two front/side doors and one back/side door on each side hinge from a middle pillar to allow access to the animal's flanks
5. Fully welded flat tread plate floor
6. Handles on both sides allow you to unlock and reset yoke mechanism
7. Yoke adjustable to seven different width settings

- Can be manufactured whole or part opposite hand if required (extra cost)
- Can be manufactured 305mm longer than standard if required (extra cost)
- Rear gate not included (can be purchased at extra cost if required)

Cattle Crushes - Premium Range

Specification Table

<table>
<thead>
<tr>
<th>Crush Type</th>
<th>3 Point Linkage</th>
<th>Weigh Platform</th>
<th>Load Bars</th>
<th>F/Trim</th>
<th>Pallet Lifting Point</th>
<th>Superscoop</th>
<th>Any/Hand Rear Gate</th>
<th>Sliding Rear Gate</th>
<th>Kiosk Lugs</th>
<th>305 Extra Length</th>
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<tbody>
<tr>
<td>Saracen R/Rump</td>
<td>x</td>
<td>●</td>
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<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

Type of Breed: Dairy, Beef

Dimensions:
- Length: 2340mm
- Base Length: 2030mm
- Width: 838mm
- Internal Width: 738mm
- Height: 2000mm

Weight of Crush: 434kgs

Door Opening Direction

Superscoop® Compatible

F045 2005 08 £2740.16

F045 2200 18 £567.14
Cattle Crushes - Premium Range

Chieftain Yoke

The Chieftain manual yoke is great for any type of cattle, catering for more variety in herd size more quickly and easily than an “automatic” or self-closing yoke due to the nature of the manual catching action and quick adjustment.

Benefit can be found with frequently handled animals that have become accustomed to being restrained in a yoke, as you can still catch the animal in the correct position using the Chieftain yoke, as it is a manual operation, and therefore safely controlled.

With the Chieftain yoke you have the ability to adjust the yoke aperture whilst in the engaged or closed position. This means that you can easily have different sized animals within the same herd run through the race and crush without having to spend excess time resetting the yoke for batches of animals. The aperture can be adjusted from 100mm to 290mm.

A manual scissor action yoke such as the Chieftain yoke which retracts the yoke bars out of the animal’s sight line is a major encouragement for the animal to calmly enter the correct position to be restrained.

A manual lever operation at a comfortable height for most people is how the Chieftain yoke is activated and put into the closed or locked position. Once engaged, the animal will not be able to force the yoke bars open. The operator will have to disengage and release the animal.

Vertical yoke arms reduce the risk of choking if the animal collapses, whilst the new detachable height restriction bar, with variable height settings greatly reduces any instances of cattle trapping their legs in the yoke pivot arms.

The Chieftain yoke has a set of gates around the yoke area encapsulating the animal, so that they can’t simply walk through and exit the crush until the operator is ready. These gates can open fully to the front and side to allow great access to the animal’s head, once it is safely yoked in place.
**Chieftain Squeeze**

1. Pallet fork lifting points welded onto the top horizontal rails
2. Wheel to allow infinite adjustment of yoke aperture between 100-290mm
3. Protruding front gate, reducing the risk of the animal exiting over the top gate when the yoke is open
4. Four side doors allowing access to the animal’s flank
5. Fully welded flat tread plate floor
6. Ratchet rump bar
7. Removeable rail
8. Squeeze and release controls on both sides of the crush (any hand squeeze operation)
9. Super quiet design, featuring rubber bumpers to minimise sound from moving parts on squeeze mechanism
10. Floating panel design for minimum effort of operation
11. Release control (operational from both sides of the crush)

**Specifications Table**

<table>
<thead>
<tr>
<th>Crush Type</th>
<th>3 Point Linkage</th>
<th>Weigh Platform</th>
<th>Load Bars</th>
<th>F/Trim</th>
<th>Pallet Lifting Point</th>
<th>Superscoop</th>
<th>Anyhand Rear Gate</th>
<th>Sliding Rear Gate</th>
<th>Kiosk Lugs</th>
<th>305 Extra Length</th>
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</thead>
<tbody>
<tr>
<td>Chieftain Squeeze</td>
<td>x</td>
<td>●</td>
<td>●</td>
<td>●</td>
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<td>●</td>
<td>●</td>
<td>●</td>
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</tbody>
</table>

- Standard  
- Not Available  
- Optional Extra

**Dimensions:**
- Length: 2960mm
- Base Length: 2755mm
- Width: 838mm
- Internal Width: 738 - 260mm
- Height: 1900mm

**Weight of Crush:** 675kgs

**Door Opening Direction**

Superscoop® Compatible

**Dimensions:**
- 2960mm
- 2755mm
- 838mm
- 738 - 260mm
- 1900mm

**Type of Breed:** Dairy, Beef

**F045 2006 21**  
£5009.92

**F045 2200 18**  
£567.14

**NB:** Not compatible with sliding gate system

F040 2008 02

The "squeeze" panels operate quickly and quietly enabling the operator to perform tasks whilst keeping the animal calm and safe.

Optional rear gate not included. See page 26 for options.
Cattle Crushes - Premium Range

**Chieftain Suckler**

1. Pallet fork lifting points welded onto the top horizontal rails
2. Removeable side rail on each side to allow access to the animal
3. Ratchet type rump bar
4. Two fully opening side doors on each side to allow access to the animal’s flanks
5. Flat treadplate floor to allow calves unrestricted access to suckle
6. Front foot block sockets welded as standard (rear sockets bolt on)
7. Protruding front gate, reducing the risk of the animal exiting over the top gate when the yoke is open
8. Adjustable anti-jump rail
9. Wheel to allow infinite adjustment of yoke aperture between 100-290mm

- Can be manufactured whole or part opposite hand if required (extra cost)
- Can be manufactured 305mm longer than standard if required (extra cost)

**Specification Table**

<table>
<thead>
<tr>
<th>Crush Type</th>
<th>3 Point Linkage</th>
<th>Weigh Platform</th>
<th>Load Bars</th>
<th>F/Trim</th>
<th>Pallet Lifting Point</th>
<th>Superscoop</th>
<th>Anyhand Rear Gate</th>
<th>Sliding Rear Gate</th>
<th>Kiosk Lugs</th>
<th>305 extra length</th>
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</thead>
<tbody>
<tr>
<td>Chieftain Suckler</td>
<td>✗</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>●</td>
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<td>●</td>
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</tr>
</tbody>
</table>
Wheel to allow infinite adjustment of yoke aperture between 100-290mm

Protruding front gate, reducing the risk of the animal exiting over the top gate when the yoke is open

Wheel operated rotating rump bar keeps the animal forward whilst eliminating the risk of ‘trapped fingers’

Multiple settings allow the rump bar assembly to slide forward

Two front/side doors and one back/side door on each side hinge from a middle pillar to allow access to the animal’s flanks

Fully welded flat tread plate floor

Wheel to allow infinite adjustment of yoke aperture between 100-290mm

Protruding front gate, reducing the risk of the animal exiting over the top gate when the yoke is open

- Can be manufactured whole or part opposite hand if required (extra cost)
- Can be manufactured 305mm longer than standard if required (extra cost)
- Rear gate not included (can be purchased at extra cost if required)

F045 2006 18 £3322.72

Specification Table

<table>
<thead>
<tr>
<th>Crush Type</th>
<th>3 Point Linkage</th>
<th>Weigh Platform</th>
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<th>Pallet Lifting Point</th>
<th>Superscoop</th>
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<th>Kiosk Lugs</th>
<th>305 extra length</th>
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<tbody>
<tr>
<td>Chieftain R/Rump</td>
<td>✗</td>
<td>🔧</td>
<td>🔧</td>
<td>✗</td>
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<td>✗</td>
<td>✗</td>
<td>✗</td>
</tr>
</tbody>
</table>

Type of Breed: Dairy, Beef

Dimensions:
- Length: 2740mm
- Base Length: 2560mm
- Width: 838mm
- Internal Width: 738mm
- Height: 1900mm

Weight of Crush: 478kgs

Door Opening Direction

Superscoop® Compatible

F045 2200 18 £567.14

Dimensions:
- Length: 2740mm
- Base Length: 2560mm
- Width: 838mm
- Internal Width: 738mm
- Height: 1900mm

Weight of Crush: 478kgs
Spring loaded quick release adjustment gives 4 preset yoke widths from 100mm to 260mm
Suitable for calf fostering
Access enables Caesarean operations to be performed if required
Option to add foot trim kit if required
The crush is supplied with a universal rear gate fitted as standard
Not compatible with Superscoop®

- Pallet fork lifting points welded onto the top horizontal rails
- Manual traditional lever operated yoke handle can be used on either side
- Rear gate fitted as standard
- Two removable rails on each side sit above the fully clad removable bottom section to allow full access to the animals back
- Removable backing up bar facility
- Fully welded flat tread plate floor
- Removable sheeted bottom section
- Hinged vet access panel built into each yoke leaf
- Fully opening front and side gates from the front cage enabling greater access all round the animals head

Cattle Crushes - Standard Range

<table>
<thead>
<tr>
<th>Type of Breed:</th>
<th>Dairy, Beef</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions:</td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>2620mm</td>
</tr>
<tr>
<td>Base Length</td>
<td>2438mm</td>
</tr>
<tr>
<td>Width</td>
<td>838mm</td>
</tr>
<tr>
<td>Internal Width</td>
<td>738mm</td>
</tr>
<tr>
<td>Height</td>
<td>1900mm</td>
</tr>
<tr>
<td>Weight of Crush:</td>
<td>422kgs</td>
</tr>
</tbody>
</table>

Door Opening Direction

- Two removable rails on each side sit above the fully clad removable bottom section to allow full access to the animals back
- Removable backing up bar facility
- Fully welded flat tread plate floor
- Removable sheeted bottom section
- Hinged vet access panel built into each yoke leaf
- Fully opening front and side gates from the front cage enabling greater access all round the animals head

Specification Table

<table>
<thead>
<tr>
<th>Crush Type</th>
<th>3 Point Linkage</th>
<th>Weigh Platform</th>
<th>Load Bars</th>
<th>F/Trim</th>
<th>Pallet Lifting Point</th>
<th>Superscoop</th>
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<th>Sliding Rear Gate</th>
<th>Kiosk Lugs</th>
<th>305 extra length</th>
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<tbody>
<tr>
<td>Crusader</td>
<td>✗</td>
<td>✦</td>
<td>✦</td>
<td>✦</td>
<td>✓</td>
<td>✗</td>
<td>✓</td>
<td></td>
<td>✦</td>
<td></td>
</tr>
</tbody>
</table>

Crusader Plus

F045 2012 03 £2397.38

- Standard
- Not Available
- Optional Extra
Economy Crush

A very basic open sided crush suitable where smaller numbers of animals are involved.

- Simple lever operated "V" shaped yoke built into the front gate
- Variable yoke width settings from 165mm to 220mm
- Only available as a “right hand” operation
- Bolted construction timber floor
- Traditional backing up bar facility
- Three point linkage
- Rear gate not available

F045 2000 01 £925.00

Yearling Crush

Designed for younger animals or smaller breeds such as the Dexter.

- Manual traditional lever operated yoke handle can be used on either side
- Spring loaded quick release adjustment on the yoke gives 4 preset widths from 90mm to 120mm
- The front cage is made up of one fully opening side gate, a front gate and a fixed side panel giving access to the animals head from the front and one side only
- Bolted construction timber floor
- Traditional backing up bar facility
- Bottom section lift off panel on each side
- No three point linkage included
- Rear gate as standard

F045 2003 01 £1416.68
Cattle Crushes - Specialist Range

Type of Breed: Dairy

Dimensions:
- Length: 1960mm
- Base Length: 1905mm
- Width: 838mm
- Internal Width: 738mm
- Height: 2050mm

Weight of Crush: 289kgs

Yoke Description
- Adjustable neck yoke with four settings from 145mm to 230mm
- Baffle plates eliminate potential leg traps

Door Opening Direction

Optional extra - 3 rail side gates c/w chains
F045 2007 07 \£180.35

<table>
<thead>
<tr>
<th>Crush Type</th>
<th>3 Point Linkage</th>
<th>Weigh Platform</th>
<th>Load Bars</th>
<th>F/Trim</th>
<th>Pallet Lifting Point</th>
<th>Rear Gate</th>
<th>SuperScoop</th>
<th>Anyhand Rear Gate</th>
<th>Sliding Rear Gate</th>
<th>Kiosk Lugs</th>
<th>305 extra length</th>
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<tr>
<td>Master</td>
<td>x</td>
<td>●</td>
<td>●</td>
<td>✓</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
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</tr>
</tbody>
</table>

F045 2007 01 \£2539.23

Specification Table

- Front side gates hinge from the front pillar
- Bolted construction timber floor
- Two adjustable front foot blocks
- Rear drop down floor extensions to help prevent the cow from rocking the crush with rear feet
- Adjustable belly band
- Adjustable rump chain
- Geared winch to raise/lower feet
- Rope operated yoke incorporated into the front exit gate and operated from the rear
Cattle Crushes - Specialist Range

Highland Crush

- Manually operated scissor yoke with fully retractable yoke arms
- Simple quiet winding adjustment gives infinite yoke widths between 100mm and 290mm
- Two piece wrap around front gates open out in a single operation to allow full unobstructed access to the animals' head
- Lever operating handle lifts the yoke upwards after the animal's head has gone past
- Traditional backing up bar facility built into the side gates
- Two short side doors on each side hinge from a middle pillar to allow access to the animal's flanks
- Fully welded slightly tapered tread plate floor to help keep the animal's feet inside the crush when the side doors are open
- One removable extension rail on each side sit above the side gates to allow full access to the animals back
- Syncronised front gates

Specifications:

<table>
<thead>
<tr>
<th>Crush Type</th>
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<th>Pallet Lifting Point</th>
<th>Rear Gate</th>
<th>SuperScoop</th>
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<th>Sliding Rear Gate</th>
<th>Kiosk Lugs</th>
<th>305 extra length</th>
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<tbody>
<tr>
<td>Highland</td>
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<td>●</td>
<td>✓</td>
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<td>x</td>
<td>x</td>
<td>x</td>
<td>●</td>
<td>●</td>
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</tbody>
</table>

Type of Breed: Dairy, Beef

Dimensions:
- Length: 2775mm
- Base Length: 2107mm
- Width: 1300mm
- Internal Width: 738mm
- Height: 1900mm

Weight of Crush: 473kgs

Door Opening Direction

Yoke Description:
- Manually operated scissor yoke with fully retractable yoke arms
- Simple quiet winding adjustment gives infinite yoke widths between 100mm and 290mm
- Two piece wrap around front gates open out in a single operation to allow full unobstructed access to the animals' head
Universal Any Hand Rear Crush Gate

- Supplied as a bolt on kit
- Suitable for IAE crushes where the rear gate is not fitted as standard i.e. rotating rump bar crushes

Sliding Gate For Rear Of Crush

- Replaces the crush rear gate
- Stops the next animal in the race
- Slide door can slide from either direction due to the retractable sliding gear
- Flip over plate locks one or both sides of gate

Cattle Crush Extension

- Extends the length of the crush 2175mm high x 1135mm long
- Slide door stops the next animal in the race
- Slide door can slide from either direction due to the retractable sliding gear
- Creates a safe working area to the rear of the animal for the farmer or vet
- Bottom side door will also swing and lock inwards therefore reducing the risk of getting kicked
- May need some self assembly
- Approximately 214Kg

Will fit the Crusader Plus and all main range crushes i.e Saracen and Chieftain bodies

When a crush extension is fitted it will not be possible to use the rear foot-blocks of a foot trimming kit without removing the crush extension first.

Foot Trimming Kits

- Kit comprises:
  - Adjustable front winch, belly band, clips and straps
  - Adjustable rear winch, clips and straps
  - Two front and rear foot blocks c/w ropes and two loose rear bolt on block housings
  - Rear winch and strap can also be used to lift the front feet of the animal
  - It will not be possible to use the rear foot-blocks if a crush extension is fitted without removing the crush extension first
  - Prices available on request for individual components

Sliding Gate For Rear Of Crush

- Replaces the crush rear gate
- Stops the next animal in the race
- Slide door can slide from either direction due to the retractable sliding gear
- Flip over plate locks one or both sides of gate

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F045 2100 01</td>
<td>R/H Kit to suit Chieftain, Saracen, Crusader Plus</td>
<td>£815.55</td>
</tr>
<tr>
<td>F045 2100 11</td>
<td>L/H Kit to suit Chieftain, Saracen, Crusader Plus</td>
<td>£815.55</td>
</tr>
<tr>
<td>F045 2100 03</td>
<td>R/H Kit trimming to suit Highland</td>
<td>£958.58</td>
</tr>
</tbody>
</table>

Foot Trimming Kits

- Kit comprises:
  - Adjustable front winch, belly band, clips and straps
  - Adjustable rear winch, clips and straps
  - Two front and rear foot blocks c/w ropes and two loose rear bolt on block housings
  - Rear winch and strap can also be used to lift the front feet of the animal
  - It will not be possible to use the rear foot-blocks if a crush extension is fitted without removing the crush extension first
  - Prices available on request for individual components

Sliding Gate For Rear Of Crush

- Replaces the crush rear gate
- Stops the next animal in the race
- Slide door can slide from either direction due to the retractable sliding gear
- Flip over plate locks one or both sides of gate

<table>
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<tr>
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<th>Price</th>
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<tbody>
<tr>
<td>F045 2133 11</td>
<td>Universal Any Hand Rear Crush Gate</td>
<td>£113.49</td>
</tr>
<tr>
<td>F045 2008 04</td>
<td>Sliding Gate For Rear Of Crush</td>
<td>£541.96</td>
</tr>
</tbody>
</table>
Sliding Gate System in Race Arch

- Designed for use directly behind a cattle crush, this system comprises of a sliding gate (see features below) to stop the next animal in the race whilst the side gates allow access to the rear of the animal in the crush. Ideal where foot trimming is required.
- Comes complete with two 1220mm long hinged gates
- Tie bars connect onto the top of IAE cattle crushes for stability
- Creates a safe inspection area to the rear of the crush
- Enables access for foot trimming
- Stops the next animal in the race
- Slide door can slide from either direction due to the retractable sliding gear
- Flip over plate locks one or both sides of gate
- May need some self assembly
- Comes complete with fixing lugs and hinge hooks
- Coupling bars are not included

**NB:** Cannot be used in conjunction with weigh platform, load bars or squeeze crushes

- Dimensions 1040mm long x 1000mm wide x 1930mm high
- Designed to allow access to the rear of the crush within a race system
- Two gates come with drop over bolt latches fitted
- Creates a cross over passageway in the race or an inspection area to the rear of the crush
- Can accommodate a slide gate to the rear if required
- Comes complete with drilled lug assembly
- Bolt on lug assembly at one end and welded lug assembly at opposite end
- Supplied flat packed for self assembly
- Cannot be used when foot trimming is connected to the crush
- Coupling bars are not included

<table>
<thead>
<tr>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F040 2008 02</td>
<td>£763.01</td>
</tr>
<tr>
<td>F040 2012 01</td>
<td>£461.40</td>
</tr>
</tbody>
</table>

Access Kiosk

- Designed for use in race system. Opposite hand gates can safely be used to allow for an animal to be stopped and to restrict backing up.
- Dimensions 1040mm long x 1000mm wide x 1930mm high
- Designed to allow access to the rear of the crush within a race system
- Two gates come with drop over bolt latches fitted
- Creates a cross over passageway in the race or an inspection area to the rear of the crush
- Can accommodate a slide gate to the rear if required
- Comes complete with drilled lug assembly
- Bolt on lug assembly at one end and welded lug assembly at opposite end
- Supplied flat packed for self assembly
- Cannot be used when foot trimming is connected to the crush
- Coupling bars are not included

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</table>

Mechanical Weigher

- 1500kg detachable Salter weigh head
- Lever operated
- Crushes simply mounted and dismounted
- Vertical upright easily removable to open crush gates

**F047 2002 04** £1189.86

**Bolt on slotted lugs**
- To suit squeeze crushes
- Supplied as a set of 4 vertical drilled lug plates to fix onto the rear pillar of the crush
- Suitable to fix crush onto hurdles
- C/W fixing bolts to suit squeeze crush

F040 2015 09 £34.69

**Bolt on angle slotted lugs**
- To suit standard crushes
- Supplied as a set of 4 vertical angle lug plates to fix onto the rear pillar of the crush
- Suitable to fix crush onto hurdles or race kiosk
- C/W fixing bolts to suit IAE cattle crushes
- Enables rear crush gate (where fitted) to still open
- Note: Will affect accurate weighing and foot trimming accessibility if kiosk or hurdles are connected to crush via lugs

F040 2015 05 £36.20
Weighing and EID Systems

WHY WEIGH?
- Select animals by weight for sale and slaughter
- Meet processing key weights for premium prices
- Evaluate breeding performance for genetic selection
- Measure and record weaning weights
- Manage animal weights prior to mating for better reproduction rates
- Measure feed conversion to maximise yield by monitoring weight gain over time
- Monitor animal health

WHY USE EID?
- Quick, easy and accurate EID and/or animal data capture
- Read and transfer animal ID’s
- Link lambs/calves to mothers
- Record visual ID numbers against EID’s in the yard
- Add and edit data such as condition scores and animal notes
- Sort animals into groups based on EID number. Validate stock reconciliation and stock on hand

WHY WEIGH WITH EID YARD MANAGEMENT
- Reduced time and effort - equipment reads fast and efficiently, automatically matching weight to animal ID number
- Improved accuracy - remove human error and prevent incomplete or inaccurate records
- Improved access to animal information - see full weight history for actual animal in the handler
- Immediate display of weight gain performance
- Automatic drafting by weight or EID

STOCK VALUE IMPROVEMENT
- Identify the poor performers - treat, allocate to different feeding group or quit early
- Accurate drenching levels - maximise treatment efficiency and minimise treatment costs
- Meet the market required weight range - accurate selection of animals based on weight to maximise profit

TWR-5 Weigh Scale/Data Collector and TWR-1 Weigh Scale both with integrated EID Reader

TWR-5
Refer to Page 150 for more features and benefits

NEW MODEL

1. Market leading full colour touch screen technology - readable in all conditions
2. Animal data analysis on device - Shows individual weight gain graphs, as well as weight distribution plots for all animals within a weighing session
3. Ultimate user experience - Execution of common tasks has been rigorously tested to ensure that we are able to deliver the most farmer friendly experience on the market
4. Tough, rugged exterior - Farm ready, waterproof design
5. Comprehensive life data and traits - Ideally suited farmers wanting to record and review more information than simply weight. Can record up to 9 traits per session (TWR5)
6. Animal notes and note alerts - Record notes against animals on the spot for later review. Notes alert the operator when the animals tag is read
7. On board help 24/7 - The entire product manual is loaded into the product. Help is only one click away

NEW MODEL

TWR-1 Weigh Scale
An entry level “all in one” weighing and EID system.
Connect to a panel antenna (page 33) and a set of load bars to start reading EID tags hands free.

NEW MODEL

TWR-5 Weigh Scale
Next generation touch weigh scale with a fully integrated EID Reader. Connect to a panel antenna (page 33) and a set of load bars to start reading EID tags hands free.
In addition the TWR5 supports the simultaneous recording of up to 9 traits and life data recording.

NEW MODEL
TW-3 Weigh Scale/Data Collector and TW-1 Weigh Scale

TW-3
Refer to Page 150 for more features and benefits

1. Simple to operate touch screen
2. Collect data to optimise animal performance
3. Draft by weight, weight gain or by ID list.
4. Easily separate animals in to treatment or management groups

TW-3 Weigh Scale
- Simple to operate touch screen
- Record and review weight, life data and traits to optimise animal performance
- Record treatments on the spot - animals can be weighed and administered the correct dose rate, all recorded on the weigh scale at the time of treatment

TW-1 Weigh Scale
- Simple to operate touch screen
- Collect data to optimise animal performance
- Draft by weight, weight gain or by ID list.
- Easily separate animals in to treatment or management groups

1. Animal data analysis on device - Shows individual weight gain graphs, as well as weight distribution plots for all animals within a weighing session
2. Tough, rugged exterior - Farm ready design. Toughened, scratch proof glass screen and waterproof casing makes it suitable for all environments
3. Ultimate user experience - Execution of common tasks have been rigorously tested to ensure that we are able to deliver the most farmer friendly experience on the market
4. Market leading touch screen technology - large 177mm, full colour, outdoor readable touch screen
5. On board help, 24/7 - The entire product manual is loaded into the product. Help is only one click away
6. Animal notes and note alerts - Record notes against animals on the spot for later review. Notes alert the operator when the animal's tag is read
7. Record life data and traits - Ideally suited to farmers wanting to record and review more information than simply weight. Can record up to 3 traits per session. (TW-3 only)

Comes with a tough and convenient canvas carry case
- Allows to easily carry ancillary equipment
W210 & W310 Weigh Scales
A Gallagher Weigh Scale provides performance conscious farmers with an innovative weighing system that is not only tough, reliable and accurate but also very simple to use.

Refer to Page 150 for more features and benefits

1. Rapid, automatic accurate weight capture
2. Large and easy to read display screen
3. Simple operation with large push buttons
4. Locks on to animals weight regardless of movement
5. Compatible with EID tag readers, drafters and other devices (W310 only)
6. Smooth action rotary switch providing easy access to multiple weighing modes
7. Rechargeable internal battery with a very long service life, as well as a charging indicator and automatic switch off when battery is low. (12V battery cable included)

W210 Weigh Scale
- Entry level automatic weigh scale
- Ideal for basic weighing tasks

W310 V2 Weigh Scale
- Digital weighing system
- c/w serial port and Bluetooth
- With optional Bluetooth dongle the W310 can be paired with a hand held reader and loadbars to give a full EID package

Extra protection and transportation - Tough shock and waterproof case
Quick Weigh Kit 600

- Scales W210
- Load bars - 2000kg - 600mm

F047 2002 51 £1536.82

Quick Weigh Kit 1000

- Scales W210
- Load bars - 2000kg - 1000mm
- Comes with fixing brackets to suit IAE crushes

F047 2002 30 £1698.43

Loadbars
- Heavy galvanized steel chassis construction for long life and to withstand the harshest environments
- Easy maintenance with no moving parts that can wear out.
- 6000mm long, tough polyurethane loadbar cables with spring wire protection to minimise damage in the yard
- Designed for outdoor use with fitted high quality, moisture proof connectors
- Easy to bolt down with bottom feet-mounting holes that extend beyond top covers
- No rubber mounts

Standard Load Bars

- 2000kg weighing capacity
- 1000mm wide

Heavy Duty Load Bars

- 3500kg weighing capacity
- 1000mm wide

Super Heavy Duty Load Bars

- 4500kg weighing capacity
- 1000mm wide

Quick Weigh Kit 600 with Weigh Tray

- 2346mm long x 700mm wide x 100mm deep

F047 2002 12 £1845.05

Combination Package - HR5, W310 with Bluetooth Dongle

Pair with loadbars or loadcell for full EID Package

Bluetooth

Loadbar

2 YEAR WARRANTY

£POA
Portable Hand Held EID Tag Reader

Refer to Page 150 for more features and benefits

1. Large easy to read screen - 2.8” backlit colour display with hi-resolution large graphics - easy
2. Pair with other devices - Easily search and connect via Bluetooth to other devices.
3. ISO half and full duplex compliant
4. LED, vibration and beeper to show tag read successful
5. Simple connectivity - Includes PC and charging cable
6. Market leading ergonomic design with long reach and hand guard for maximum operator safety
7. Fast and continuous reading with one trigger click
8. Compatibility - with Gallagher and other brands of EID capable weighing data collectors

Large easy to read screen - 2.8” backlit colour display with hi-resolution large graphics - easy

Pair with other devices - Easily search and connect via Bluetooth to other devices.

ISO half and full duplex compliant

LED, vibration and beeper to show tag read successful

Simple connectivity - Includes PC and charging cable

Market leading ergonomic design with long reach and hand guard for maximum operator safety

Fast and continuous reading with one trigger click

Compatibility - with Gallagher and other brands of EID capable weighing data collectors

ANIMAL PERFORMANCE SOFTWARE (APS standard included)
Analyse data and upload in three easy steps.

FREE ANIMAL DATA TRANSFER APP

HR4 and HR5

Large display, multiple traits - sex, breed, condition score and pregnancy status

Easy highlighted group name with optional colour groups

View past traits, activities and life data recorded against an animal

HR5 Specific

Large display, multiple traits - sex, breed, condition score and pregnancy status

Easy highlighted group name with optional colour groups

View past traits, activities and life data recorded against an animal

Easy highlighted group name with optional colour groups

Numeric, text, date and pick list fields.
Animal notes/Personalised session names eg Week 13. Easy to identify sessions once uploaded to APS software

HR4 EID Tag Reader

Comes with handy robust carry case.

B123 0350 04 £POA

HR5 EID Tag Reader

Comes with handy robust carry case.

B123 0350 05 £POA
Permanent EID Tag Reader

Battery powered panel reader for livestock identification - Internal rechargeable battery
Easy to read battery charge indicator. Internal memory stores 20,000 tags. Tag counter display screen records animals scanned. Download stored records to the computer (software included)

B123 0351 00 BR Reader £POA

Quick scan tag counter - EID tag counter with reset function
Easy to use rotary switch - With operating modes - Off, On and Save ID to memory
Easy installation - Simply mount auto-turning panel using reinforced mounting slot and plug in electronic controller
Software supplied - Animal Performance Software (APS) for PC Exchange Software for hassle free transfer of animal data
ISO compliant - Half duplex (HDX) and full duplex (FDX-B) ISO compliant
Long-life, waterproof panel - For outdoor use in all weather. Available in 1300mm and 600mm sizes
Pair with other devices - Easily connect via Bluetooth to weigh scale (e.g. TW1) and other devices. Also, includes adaptor to still connect wirelessly to a non Bluetooth EID compatible weigh scale (e.g. W310)
Read accuracy confirmation - Beeper sounds to indicate tag read successful.
Rechargeable battery - Internal rechargeable battery with charge

Controller R Series

- Requires external 12V/240V power source.
- Requires external memory as a scale TW-1 or TW-3 or any other data collectors.
- 220V adapter for reader R available.

Panel Antenna’s

1300 x 600mm
B123 0354 00 £POA

600 x 400mm
B123 0353 00 £POA
For ultimate flexibility you cannot improve upon our range of portable cattle handling equipment, suitable for field usage but can be used in a yard which would require some permanent fixtures.

Standard hurdles are 6 rail x 1525mm high with box section infillers for added strength, gates in hurdles and frames can be hung either left or right. Also available 7 rail x 1830mm high (extra cost).

All items are quick and easy to assemble and due to its modular nature you can make the system as large or small as your needs or space will allow.
Portable Cattle Handling Starter Kit

- A basic set of hurdles, gates and frames which can be set up and used in various ways to suit the farmer’s individual requirement
- Quick and easy to erect and ideal for setting up in the field or yard

NB: May require some permanent fixtures if set up on concrete.

<table>
<thead>
<tr>
<th>Qty</th>
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<tr>
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<tr>
<td>1</td>
<td>840mm wide race arch</td>
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<tr>
<td>1</td>
<td>840mm wide race arch c/w gate</td>
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<tr>
<td>1</td>
<td>1575mm wide race arch c/w gate</td>
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</table>

Standard 6 Rail Hurdle

- Improved hurdle strength featuring 40mm x 20mm RHS bracing
- 1525mm high available from stock
- 1830mm high x 7 rail units also available (made to order product)
- The position of the top drilled lugs prevent potential leg traps on all 6 Rail units
- All cattle hurdles are now supplied with box section vertical infills for additional strength.

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6 Rail Hurdle - c/w Inspection Gate

- Comes with a two rail hinged gate built into each end of the hurdle
- Ideal for accessing the animals shoulder area and rear flank
- 2150mm hurdles can be used to form a temporary crush area when used in conjunction with a yoke gate in frame and slide gate in frame

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### 6 Rail Hurdle - with diverter gate
- Diverts stock out of race
- Locks in divert position if required

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### 6 Rail Hurdle - with access gate
- Enables personnel access into/through race
- Locks off at 90° across race width when used in conjunction with F040 2014 02 drop over bolt latch receiver

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<th>Length (mm)</th>
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</table>

### 6 Rail Gate Built into Hurdle Frame
- Gate hangs at 1525mm high inside a 2050mm high frame
- Comes complete with fixing lugs and hinge hooks

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<th>Length (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
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<td>£281.97</td>
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### Race Joining Arch - with gate
- Used in portable systems where posts are not practical
- Prevents hurdles from “splaying” when forming part of the race
- Standard frames come complete with drilled lugs each side to connect to hurdles
- Gate units have drop over bolt latches fitted
- Gate units are complete with two pairs of drilled lugs and one pair of hinge hooks
- Some fittings will be provided loose to “bolt on”

<table>
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### Race Joining Arch
- Used in portable systems where posts are not practical
- Prevents hurdles from “splaying” when forming part of the race
- Standard frames come complete with drilled lugs each side to connect to hurdles
- Some fittings will be provided loose to “bolt on”

### Sliding Gate in Race Joining Arch
For use within race systems, the sliding gate provides a part sheeted barrier to cattle and features a retractable lintel.
- 840mm wide x 2166mm high
- Acts as a non return gate and stops the next animal in the race
- Slide door can slide from either direction due to the retractable sliding gear
- Flip over plate locks one or both sides of gate
- Comes complete with fixing lugs each side
- Handles and stops are fitted to both sides
- Retractable lintel maximise use of space in tight areas
- Coupling bars are not included

<table>
<thead>
<tr>
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<tr>
<td>F040 2008 01 - Standard</td>
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</table>
Cattle Stop Gate in Frame

Showing gate closed

Showing gate open

To be used within a cattle race system, the two doors of the stop gate create a solid closable barrier within the race. When opened, the doors of the stop gate retract fully to the internal width of the race yet do not protrude outside the overall width of the unit.

- Dimensions 500mm long x 935mm wide x 1950mm high
- Acts as a non return gate when closed, stopping the next animal in the race
- Gate is “locked” when in the closed position
- Operating wheels both sides
- Can be rope operated remotely
- Comes complete with fixing lugs each side
- Coupling bars are not included

Support Posts

- To be used when connecting hurdles in semi permanent situations
- Standard posts come complete with a pair of drilled lugs welded on at 180° to each other. Other options available
  - 100mm x 100mm x 1980mm long SHS

Cattle Lugs

- To be used to connect hurdles to existing walls etc
- Two drilled lugs welded onto a 1280mm long continuous drilled plate

Coupling Bar - to suit Hurdles

- Walking stick type bar connects all hurdles to each other and to joining frames etc
- Position of top lugs on hurdle enables coupling bar to eliminate potential leg trap between vertical end stiles of hurdles

Backing Up Bar Assembly

- Traditional backing up bar facility clamps onto cattle hurdles
- Comes complete with backing up bar

Non Return Gates in Race Arch

- 787mm wide x 2253mm high
- Comes complete with drilled lugs each side
- For use in the cattle race
- Saloon bar type winged gates prevent cows from backing up

<table>
<thead>
<tr>
<th>Code</th>
<th>Height (mm)</th>
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<th>Price</th>
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<td>787</td>
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Price

£75.28
£20.99
£824.83
• Self-closing yoke design activated by the animal's forward movement.
• Manually operated scissor yoke with fully retractable yoke arms. Lever operating handle lifts the yoke upwards after the animal's head has gone past.
• Fully opening front and side gates form the front cage enabling greater access around the head.
• Fully sheeted baffle plates to eliminate leg trapping.
• Adjustable width yoke with 7 settings between 100mm and 250mm.
• Vertical yoke arms to reduce the risk of choking if the animal collapses.
• Lugs and short coupling rods included to fix to portable cattle hurdles etc.
• Compatible with Superscoop® (See page 13).

Saracen Yoke Gate in Frame
F040 2001 01 £939.10

Chieftain Yoke Gate in Frame
F040 2001 12 £1536.46

Highland Yoke Gate in Frame
F040 2001 03 £1871.06

• If an animal shuts the yoke having not put its head through, reset handles allow yoke to be reset without needing to let the animal exit the crush.
• Operator handle assists animal exit if required.
• Fully sheeted baffle plates to eliminate leg trapping.
• Adjustable width yoke with 7 settings between 100mm and 250mm.
• Vertical yoke arms to reduce the risk of choking if the animal collapses.
• Simple quiet winding adjustment gives infinite yoke widths between 100mm and 290mm.
• Fitted with adjustable anti-jump bar to reduce the chance of animals lifting their legs over the individual yoke arms.
• Lugs and short coupling rods included to fix to portable cattle hurdles etc.
• Compatible with Superscoop® (See page 13).

Manually operated scissor yoke with fully retractable yoke arms. Lever operating handle lifts the yoke upwards after the animal's head has gone past.

Simple quiet winding adjustment gives infinite yoke widths between 100mm and 290mm.
Two piece wrap around front gates open out in a single operation to allow full unobstructed access to the animals head.
• Lugs included.
• Coupling rods not included.
• Not compatible with Superscoop®.

• Fully opening front and side gates form the front cage enabling greater access around the head.
• Vertical yoke arms to reduce the risk of choking if the animal collapses.
• Simple quiet winding adjustment gives infinite yoke widths between 100mm and 290mm.
• Fitted with adjustable anti-jump bar to reduce the chance of animals lifting their legs over the individual yoke arms.
• Lugs and short coupling rods included to fix to portable cattle hurdles etc.
• Compatible with Superscoop® (See page 13).

Manually operated scissor yoke with fully retractable yoke arms. Lever operating handle lifts the yoke upwards after the animal's head has gone past.

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• Lugs included.
• Coupling rods not included.
• Not compatible with Superscoop®.

Lugs included.
• Coupling rods not included.
• Not compatible with Superscoop®.
Portable Cattle Handling

1. 5000mm nominal diameter forcing ring
2. Full clad (Stockboard) outer radius hurdles
3. Radiused hurdles are “any hand”, to allow the system to be set up to flow cattle in the opposite direction
4. Gates and hurdles in race section have open top space for increased animal visibility
5. UNIQUE continuous central locking ratchet plates allow continuous forcing around the system with no interruptions at panel joins, yet still retain the “non-return” safety feature
6. Mesh viewing gap
IAE Rotex® Portable Cattle Handling System is an easy and superbly convenient way of handling cattle. Semi-circular crowding/forcing areas encompass the most modern ideas and theories in animal welfare and operative safety.

The Rotex® system is extremely portable, quickly assembled, and safe whilst on the move due to the bespoke transport crate.

Comprises of

- 1 x Forcing Gate with special lever operated bolt with noise reduction buffer and mesh viewing gap
- 3 x Radius Panels with central locking ratchet plates
- 1 x Frame with exit gate
- 3 x Support Arches
- 1 x Race Arch
- 2 x 2125mm Hurdles with viewing gaps
- 13 x Coupling Rods
- 1 x Purpose Built Crate for easy storage and handling also with 3 point linkage and pallet fork lifting points

Full step by step assembly instructions are supplied with the Rotex®.

Supplied in its own bespoke crate ready to erect in sequence

Ratchet strap for transporting also supplied

Crate has 3 point linkage and pallet fork lifting points

F041 2000 03

£4439.73

IAE Rotex®
Deluxe Calving Hurdle

IAE Deluxe Calving hurdle is a simple way to assist with calving when the time comes. Isolate the pregnant animal and safely restrain her to enable the birth process to be controlled and calm using the calving hurdle.

The Deluxe features removable rails inside the gate so that if Caesarean section needs to be performed, this can be carried out by removing the central rails instead of having to open the gate.

The special yoke is positioned differently than a standard feeding yoke height to allow for the fact that during birth there will be a higher frequency of animals going to ground, so the dimensions the yoke is set at take this into account, to avoid the risk of choking if this happens. The calving hurdle is set at one hand only as Caesarean is only carried out on one side of the animal.

- 5 Rail side gate with 3 removable rails
- Cow can be yoked to assist calving
- Three removable rails allow suckling of calf to mother or to perform Caesarean section
- 3050mm long
- Low safe exit from yoke in case of animal going to ground
- Set at 90° from another fence line to create temporary calving area
IAE offer expertise gained from many years of supplying cattle handling systems to suit every situation from many of the largest U.K. cattle markets to the most awkward sites in fields and on farms.

The most recent theories in animal welfare and operative safety have been incorporated into our latest designs including semi circular forcing pens and sweeping curved races.

IAE offer site visits through our nationwide dealership network to design layouts and prepare quotations.

For further information contact IAE or your local Area Sales Manager, contact details can be found on Page 5.
Right Hand Forcing Pen Shown with Fully Clad (Stockboard) Straight Race

1. Safe working area
2. Vet access gates
3. Slide gate included in race section
4. Divert gate
5. 1560mm high fully clad straight race panels. Hang at 1675mm high
6. Slide gate included in forcing pen section
7. 1560mm high fully clad forcing pen hangs at 1675mm 6210mm overall wide
8. Part clad forcing gate comes with ring hinges
9. 1465mm high 6 Rail panels and gates hang at 1675mm high form holding pens
10. Cattle crush not included

STRAIGHT OR CURVED RACE OPTIONS
- Option fully clad Stockboard
- Option part clad Stockboard

NB: Forcing gates are part clad
OTHER OPTIONS AVAILABLE (EPOA)

FORCING PEN OPTIONS
- Option fully clad Stockboard with part clad forcing gate
- Walkways

FULL STOCKBOARD RACE OPTION

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>Forcing pen</td>
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<tr>
<td>Race section</td>
<td>£4626.27</td>
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Prices do not include crush or yoke at the head of the race

PART STOCKBOARD RACE OPTION

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Prices do not include crush or yoke at the head of the race
Left Hand Forcing Pen Shown with Fully Clad (Stockboard) Straight Race

Prices do not include crush or yoke at the head of the race

<table>
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<th>Product Description</th>
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Prices do not include crush or yoke at the head of the race

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### Full Stockboard Race Option

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Prices do not include crush or yoke at the head of the race.

### Part Stockboard Race Option

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Prices do not include crush or yoke at the head of the race.
Options- Dual Width Cattle Race

The cattle race is a critical element of any cattle handling system, a well-designed race will aid cattle flow, reduce the opportunity for cattle to be distracted or agitated, improve operator and animal safety and ensure handling in a calm and efficient manner.

Improving on our market leading fixed width cattle races, this new and easily adjusted multi width race reduces the potential for young stock and smaller animals to turn in the race, making handling even easier. The manual adjustment allows the operator to drop either one or both sides in to give 3 different race widths; as the sides drop in, the inner panel is also lowered to provide improved visibility for the operator.

Safe Zone Gate

An optional folding gate that creates a safer working area within a cattle handling system. The bi-fold design allows easy access to the front of the crush and enables the working area to be closed off when required.

Walkways

When using pour-on treatments or need better visibility of cattle in the race, IAE’s optional walkway can be fitted to any of our fixed cattle races.

The open grid design gives excellent grip in wet slippery conditions. With a kickplate for operator safety, the walkway is an excellent addition to a fixed cattle handling system*. A walkway can also be supplied to suit other elements of your handling system, please speak to the IAE sales team for further information.

* a higher sliding gate is supplied with walkway to give clearance for the operator to pass beneath the lintel.
Offering a comprehensive range of standard and made to measure feed barriers to suit all breeds of cattle. Panels and gate units available with and without timber base, gates units can be hinged from one end or both ends (double acting), detachable hook over feed troughs of varying widths are available in steel and timber.
Diagonal Feed Fence - 915mm high - no base

<table>
<thead>
<tr>
<th>Code</th>
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Diagonal Feed Fence - 1370mm high - timber base

Adjustable brackets enable panels to fix “between” or “on the face” of various stanchions & posts

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</table>

Diagonal Feed Fence Gate Unit - 1335mm high - timber base

- Single acting gate units with timber base complete with two built in keyhole sliding bolts for added safety
- Units have 25mm sleeved hinge eyes
- 1335mm high comes with 410mm timber base
- Various fittings available depending on application

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
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<tbody>
<tr>
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</tbody>
</table>

1. Creates 3050mm centres with 80 x 80 posts
2. To suit nominal 4570mm bays
3. Creates nominal 4570 centres when used with 90 x 90 posts
4. To suit nominal 6000/6100mm bays (may not be suitable in all situation please call the sales office for further information)

Post Information

<table>
<thead>
<tr>
<th>Code</th>
<th>Post Information</th>
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<td>80 x 80 RHS to suit 3660mm panels</td>
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<td>100 x 100 RHS to suit 6100mm panels</td>
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- 60mm x 40mm RHS horizontal rails up to and including 4880mm long
- 80mm x 40mm RHS horizontal rails over 4880mm long (where deemed appropriate)
- 48.3mm o/d tube diagonal rails at 432mm approx centres reduces bullying

NB: All types of feed fence can be supplied as “double acting” gate units (where coupling rods are used and the gate can be opened from either end)
Single Rail Feed Barrier/Post & Fittings

- Low cost alternative to other feed fence options
- May need some self assembly
- 60.3/76.1mm o/d tube rails 6100mm long as standard to suit 3050/4575mm posts/RSJ centres.
- Can fix to existing steelwork or supplied with support posts
- Other fittings available

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
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<td>Single rail feed fence post bracket to suit 76 dia. rails</td>
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<td>400mm long 80mm internal bolt on channels - 75mm timber boards</td>
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<td>F030 2024 51</td>
<td>400mm long 85mm internal bolt on channels - 80mm concrete panels</td>
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<td>6100mm length of 60.3mm dia. tube</td>
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<td>6100mm length of 76.1mm dia. tube</td>
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Tombstone Feed Fence 745mm High

-Designed specifically for horned animals to reduce the risk of trapped heads
-745mm high units sit above a 460mm base units at 660mm centres giving 203mm clear gaps
-Available with and without timber base or as a gate unit

### No Base

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Tombstone Feed Fence Support Posts 1670mm Long

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<td>90 x 90 RHS</td>
<td>1670mm long to suit panels up to 4635mm</td>
<td>£70.92</td>
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</table>

Shown with optional lug hinges and slam plates.
2 In 1 Cattle Feed Fence Gate Units c/w Hinge Eyes At Each End - Double Acting

Steel Trough

- Offers flexibility in that the gate can be opened from either end
- Heavy duty unit comes with four 25mm sleeved hinge eyes and two coupling bars
- 2mm thick galvanized steel feed trough
- Detachable steel feed troughs (Hot dipped galvanized)
- Heavy duty diagonal feed fence comes with four 25mm eyes and coupling bars

<table>
<thead>
<tr>
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<td>6100 stanchion centres</td>
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</table>

- NB: Units over 4880mm long will have troughs fabricated in two sections which may be of unequal length
- NB: All 2 in 1 double acting gate units are approximately 305mm shorter in length than the stanchion centre to centre dimension
- Fixed 2 in 1 units and single acting gate type units are available on request

Vertical Plate Stanchion Fittings

<table>
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<tr>
<td>F016 0020 25</td>
<td>25mm hinge eye on vertical drilled plate</td>
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<tr>
<td>F016 3120 40</td>
<td>Pack of 4 M12 x 40mm bolts and nuts</td>
<td>£3.08</td>
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</table>

Angle Bracket Stanchion Fittings

- To suit gate type 2 in 1 units supplied as a pair with lindaptor type fittings state size of stanchion

ALSO AVAILABLE WITH TREATED SOFTWOOD TROUGHS
Yokemaster®

Designed for dairy cattle, the IAE Yokemaster® self-locking yoke panel is intended to allow cows to feed freely. The animals can be locked into the panel to permit treatments such as (A.I. for example) to take place within their housing environment. Creating better welfare, conception rates and milk yield benefits associated with not removing the animal from its familiar habitat and reducing animal stress.

Key Features Include

Unique Patented locking arrangement
Features quiet, self lubricating, steel core polymer drop latch for added strength and quieter operation.

Operate Up to 50 headspaces with one handle
This easily exceeds what is realistic with competitor panels

Reliable locking - will not skip over lock
Once locked, the Yokemaster® will not jump or slip out of its locked state

Offset yoke arm pivot
The offset pivot of the Yokemaster® completely eliminates pivot point neck rub

1000mm high panel
Increased from 915mm high. This reduces rubbing and abrasions on the neck. Panels are available up to 10 spaces. You can use a single panel in a 6000mm bay

Operating rod
Unique threaded adjustment/link system to enable multi-panel set-up
YokeMaster®

- Operation handle moves through 180 degrees and lies parallel to top tube when at rest - inaccessible to animals, thus no lock required - allows for "Twin" handles
- Long handle gives excellent leverage - 50 plus headspaces (on linked panels) can be operated with a single handle. Handle not supplied with panel and is purchased separately
- 1 space panel requires different handle (90° movement to avoid clash with stanchion) - F030 2250 17

1. 60.3mm horizontal rails
2. 42.4mm vertical rails & yoke arm
3. 42.4mm adjustable head-gap rail 230-140mm (200mm standard)
4. 1000mm overall panel height (940mm rail centres) excluding operating rod
5. Unique sliding 40 x 20mm operating rod
6. LOCKING MECHANISM featuring polymer latches for self lubrication, reduced friction in operation and reduced noise
7. Quiet and smooth operating polymer drop latch features steel core for strength and weight to aid locking
8. Pressed steel yoke arm fork
9. Axially mounted torsion spring for long life. Automatically returns yoke arm to open position
10. UNIQUE OFFSET YOKE ARM PIVOT point for greater animal welfare no neck rub on pivot bolt.
11. Dual pivot mounting plates
12. Operating handle lies horizontally. Moving through 180° it offers EXCEPTIONAL LEVERAGE allowing 50 animal headspaces to be operated (linked panels)
13. Threaded operating rod linkage allows highly accurate alignment of adjacent yoke panel operating rods
14. Excellent calf head-trap prevention
15. Heifer head trap prevention
16. Rubber bump stops on yoke arm (top and bottom) for reduced noise
17. 4420 and 5850mm long panels supplied with fixing post to be cast into stub wall. It is imperative this is used to support the centre of the panel. If alternative wall used (pre-cast concrete panel or similar), an alternative fixing MUST be made. Support directly from timber boards is insufficient
18. Clean/obstruction free top rail design minimises ear tag loss
19. Easy access to operating mechanism for cleaning and maintenance

Polymer drop latch reduces noise. Steel core adds weight for more reliable locking and strength. Inaccessible to animals. Allows for individual animal release.
Example set-ups are pictured detailing installation arrangements. A and B depict installation on posts vertical and inclined. IAE recommend the panels to be inclined. In all installations it is important to maintain the 610mm dimension from the floor lever.

C and D show installation when fitted to stanchions using angle brackets top and flat brackets bottom. Here the operating rod of linked panels runs across the face of the vertical. Whilst inclining the panels is recommended, this lean should not exceed 120mm (tube centres) - up to 7.5°

E illustrates a stepped feed passage relative to the scrape passage, a step of 150mm is recommended.

D shows an inclined panel fitted within the web of a large stanchion. The RSJ will have to drilled to accept the operating rod connector (linked panels).

NB: The installation heights are based on typical mature dairy cows. These heights may require adjustment for different sized animals. Heights are based on the scrape passage floor level.

### Points to think about!

It is recommended that panels be inclined when installed.

By inclining the panels it has the following benefits:
- Reduced loads on the panels from animals as reach for fodder is increased.
- Reduction in wear on animals shoulders/withers/neck.
- No need to drill, operating rod passes directly infront of stanchion, negating the need to drill stanchion to link panels.

---

**YokeMaster panels c/w 2 angle and flat brackets (inclined installation)**

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<tr>
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<th>Yoke Panels</th>
<th>Centres (mm)</th>
<th>Price</th>
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**YokeMaster panels c/w 4 angle brackets (installation on RSJ/Post “face”)**

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<th>Yoke Panels</th>
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**Yokemaster panels c/w 4 flat brackets (installation on RSJ/Post)**

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**Product Information**

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<tr>
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The quality of the housed environment has a major impact on dairy herd welfare and economic performance. Time spent on the building design will reap the benefits many times over on both the life of the cows and even more over the life of the building.

There are many sources of information which will aid in the design of your building, some useful sources include publications by DairyCo and RIDBA’s ‘The Farm Buildings Handbook’ as well as material freely available on the internet by Jamie Robertson from Aberdeen University.

Points to think about!
- Natural ventilation is a must as a starting point (ongoing costs are minimal if effective ventilation is achieved from the outset)
- A single span building of a width between 24.4m and 30.5m is the optimum for natural ventilation
- A low pitched roof will give a reduced stack effect; a reduced stack effect will negatively impact natural ventilation, which is not desirable.
- Too many clear roof lights could potentially cause hotspots for the cattle below. Cattle may avoid hotspots if there are alternative places to lie
- Cubicle space allowance Red Tractor and FAWC state that there should be a minimum of 1 space per animal but 5% extra spaces within a building is desirable
- Feed space allowance is important
- Access to clean fresh drinking water
- Loafing area space allowance
- Grooming points (cow brushes)
- Removing dead ends (bullying prevention)

Cow Cubicles

From inception, the "post and rail" cantilever type cubicle loops have been designed to offer flexibility and improved cow comfort. The Super Comfort had several benefits over the older Free Standing designs of the time. A dual support rail afforded a greater lunge zone and the removal of a rear leg meant an animal would rise more easily whilst also creating a better lying position through space sharing. The clamp and rail design meant that cubicle centres could be adjusted at any time and easily configured for either head to head or single runs.

Supreme Cow Cubicles

Maintaining the successful elements of the Super Comfort, the Supreme evolved to incorporate an increase in head rail height to encourage a better standing position and in turn quicker positioning on the bed. An increase in upper support rail height created a greater lunge zone.

Ultima® Cubicle

Our best selling and highly recommended cubicle loop, the unique shape of our Ultima maintains the same high head rail position of the Supreme but with the added option to raise the head rail further if necessary. By dropping the lower support rail closer to the bed we have increased the lunge zone for the cow whilst at the same time removing a potential trap for heads or legs. The upper support rail has been lowered, this inhibits animals from walking through the bed, coupled with the moving of the lower support rail maintains the same lunge space created by the Supreme cubicle.

These improved design features have improved acceptance rates into the bed and achieved a higher percentage of animals lying correctly for the longest time. By maintaining the "post and rail" system adopted at inception, you can easily upgrade to the Ultima from either the Super Comfort or Supreme.
IAE have been manufacturing cubicles of varying design since the early 1970’s. Over the years industry experts have put greater focus on improving cubicle housing solutions, as a result IAE developed their first “post and rail” cantilever system - the Super Comfort cubicle. This was followed by the Supreme and culminated with our flagship Ultima® cow cubicle.

IAE have been involved in cubicle housing solutions throughout the UK and abroad, helping farmers to improve conditions for their animals. The reduction in disease assisted by better housing and improved animal welfare, coupled with the greater comfort offered by the latest designs, leads to enhanced milk production and better profitability.
Key Points To Understanding The Ultima® Cubicle

The Ultima is the modern choice for a successful dairy housing solution.

- Improved initial standing position prior to lying down
- Reduced pressure on back legs due to correct preliminary position (no perching)
- Lying in correct position with large "lunge zone"
- Superb acceptance rates for improved comfort

1. High headrail position improves standing position and increased acceptance into cubicle bed
2. Upper support rail positioned high enough not to interfere with the "Lunge Zone" yet still low enough to inhibit walk through for open fronted or head to head runs
3. The "lunge zone" which is now set with the upper support rail in a position to deter walkthrough, inhibits separated groups from merging with one another
4. Lower support rail is positioned very close to the ground which clears space in the "lunge zone" encouraging the animal to manoeuvre more naturally into and out of the cubicle
5. New low profile P.I.P.E fixing brackets to fit to concrete beds
6. PREMIUM COMFORT P.I.P.E
   A cow friendly and hygienic positioning aid at the animals brisket
Cow Cubicles

Whilst IAE offers a selection of cubicle loop lengths to accommodate individual requirements, not all offer an optimum solution.

Ultima cubicles are quick and easy to install. Once the posts are in position, other components are simply attached using high quality clamps and fastenings.

The Ultima cubicle offers optimum body space, head space and lunge zone. Combine your Ultima cubicle with P.I.P.E. for the Ultima solution.

This table highlights our recommended solutions, those not highlighted are suitable compromises for refurbishments, existing buildings or when cost is an obstacle.

**NB:** IAE recommendations are typically based on an 800kg dairy cow (Source: DairyCo “Dairy Housing A Best Practise Guide”)
Supreme Cubicle
(suitable for stock over 22 months)

The Supreme is a great choice suitable for a variety of situations, for example if group separation is not important. Supremes can be easily upgraded to Ultima® at a later date if required.

- Improved initial standing position prior to lying down
- Reduced pressure on back legs due to correct preliminary position (no perching)
- Lying in correct position with large “lunge zone”
- Superb acceptance rates for improved comfort

Key Points To Understanding The Supreme Cubicle

1. Upper support rail is positioned higher than Super Comfort to give increased “lunge zone”
2. High headrail position improves standing position and increases acceptance into cubicle bed
3. Lower support rail is positioned closer to the ground than the Super Comfort cubicle which improves the cows “lunge zone” encouraging the animal to move naturally into and out of the cubicle
4. Brisket Board attached with brackets to each loop help to position the animal in the correct way for maximum lying time
Whilst IAE offers a selection of cubicle loop lengths to accommodate individual requirements, not all offer an optimum solution.

Supreme cubicles are quick and easy to install. Once the posts are in position, other components are simply attached using high quality clamps and fastenings. The Supreme cubicle offers superior body space, head space and lunge zone. Combine your Supreme cubicle with Brisket board to encourage the correct lying position.

This table highlights our recommended solutions, those not highlighted are suitable compromises for refurbishments, existing buildings or when cost is an obstacle.

**NB:** IAE recommendations are typically based on an 800kg dairy cow (Source: DairyCo “Dairy Housing A Best Practise Guide”)
Super Comfort Cubicle
(suitable for stock over 22 months)

The Super Comfort cubicle provided the basis for our current cubicle range. Our introduction of this type of system gave many benefits over the older style cubicles, many of which required extensive groundwork to install correctly. Super Comfort cubicles create a greater lunge zone, a better lying position, better space sharing and no rear legs to interfere with the animal when rising. They can also be set up in single or head to head configurations.

- No restriction in bed from cubicle legs
- Easy installation compared to concreted in cubicle divisions
- Cleaner beds when cubicles are set up correctly as animal will soil directly into scrape passage
- Less injury to animals compared to older cubicle designs
- Great acceptance rates from animals due to ease of use and comfort
- Can be used with P.I.P.E. if required
- Available in shorter length loops allowing flexibility with older building refurbishments
- Easily upgraded to Ultima® at a later date if required

Key Points to Understanding the Super Comfort

1. Post and rail cantilever systems offer greater comfort and flexibility over older freestanding cubicle designs
2. No rear leg means better lying positions through space sharing whilst allowing animals to rise more easily
3. Designed to attach timber brisket boards to help position the animal correctly for increased lying times
IAE offers a selection of cubicle loop lengths to accommodate individual requirements. While the Super Comfort no longer meets the latest dairy housing recommendations, it remains a popular choice for refurbishments and existing buildings.

Super Comfort cubicles are quick and easy to install. Once the posts are in position, other components are simply attached using high quality clamps and fastenings. The Super Comfort whilst not offering the same level of comfort and welfare as the Ultima® and Supreme systems remains a vast improvement over the older freestanding cubicle designs. Combine your Super Comfort cubicle with Brisket Board or P.I.P.E. to encourage the correct lying position.

<table>
<thead>
<tr>
<th>Cubicle Length (mm)</th>
<th>Head to Head Bed Length (mm)</th>
<th>Wall Row Bed Length (mm)</th>
<th>Middle Row Bed Length (mm)</th>
<th>Cubicle Centres (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>4600</td>
<td>2700</td>
<td>2400</td>
<td>1100-1150</td>
</tr>
<tr>
<td>1900</td>
<td>4400</td>
<td>2300 (Min)</td>
<td>2300</td>
<td>1100-1150</td>
</tr>
<tr>
<td>1800</td>
<td>4200</td>
<td>2300 (Min)</td>
<td>2200</td>
<td>1100-1150</td>
</tr>
</tbody>
</table>

This table highlights our recommended solutions, those not highlighted are suitable compromises for refurbishments, existing buildings or when cost is an obstacle.

**NB:** IAE recommendations are typically based on an 800kg dairy cow (Source: DairyCo “Dairy Housing A Best Practise Guide”)
CBFG - Super Sand Stall (suitable for stock over 22 months)

CBFG Super Sand Stall has seen a dramatic increase in popularity across the UK, particularly on some of the largest and most prominent dairy units in the country. Influenced by practices adopted in North America, the Super Sand Stall is specifically for use with deep fill sand beds and has been designed and trialled by a group of eminent farmers, many of whom are RADBF Gold Cup winners. IAE has worked closely with this group to create a system to meet the requirements for comfort on a deep fill sand bed.

By supplying a post for every cubicle loop, the Super Sand Stall provides a fully unobstructed lunge zone. The shape of the Super Sand Stall cubicle loop has been designed with a slope at the rear to aid the cow when rising, and the lower rail has been positioned closer to the bed to offer maximum support for the cow even as sand compacts and disperses. The position of the lower rail creates a different indexing method to that of a space sharing cubicle and a necessity to set the cubicle loops at the wider centres of 1195mm.

Head to Head

Points to think about!

- Sand should be filled to the heelstone height, replenished regularly and raked clean and level
- For every 10mm the sand is below the heelstone, 10 minutes of lying time will be lost, e.g. 150mm reduction in sand depth equals 2½ hours per day of lost lying time
- Sand decreases hock lesions and lameness
- Sand has a low bacteria count, which aids in mastitis management
- Sand over-spill from the bed into the scrape passages will increase traction and stability for the cow when loafing

NB. When housing heifers in Super Sand Stall, adjust the Dims A+B to 870 and 2055mm

Photos courtesy of Grosvenor Farms
CBFG - Super Sand Stall

Single Run Wall Row

Points to think about!

- CBFG Super Sand Stalls were predominantly designed to be configured in a head to head set up. This creates the maximum lunge zone and allows the cow to lie with social interaction.
- If using open fronted runs (middle row beds) there is opportunity for cows to perch at the head end of the cubicle and provision should be taken, possibly in the form of strap or rail, to prevent access to the cubicle bed from the wrong direction.
- Designed for deep sand, ideally 150 to 200 (100 min.), to improve comfort and cleanliness.
- For optimum comfort, brisket board to protrude 75mm above sand.

Brisket Board Bracket

Headrail and Post Clamps

Super Sand Stall General Set Up
Cubicle Housing Gates

3 Rail Up and Over Gates

- Designed for use in cubicle buildings where traditional hinged gates are not suitable
- Helps control cattle movement
- Can be used for group separation
- Counter balanced weight makes for easy operation
- Optional cow or tractor height clearances available
- Available clearances 2175, 3000 and 3500mm

3 Rail Guillotine Gates

- Designed for use in cubicle buildings where space is very restricted
- Helps control cattle movement
- Can be used for group separation
- Counter balanced weight makes for easy operation
- Available to suit various clearances
Following considerable market research across Europe and North America, IAE chose Huber Technik, based in Erding, near Munich in Germany to provide their cow comfort mat and mattress systems. Huber Technik are unique in their manufacturing technique as they are the only manufacturer to use only 100% new tyre compound to produce their products. Huber Technik were formed over 80 years ago, and like IAE, are still a family owned company. Due to the superior quality of their raw materials and manufacturing processes, the factory can provide a regressive 10 year warranty on all products.

Over the past 30 years, Huber Technik have installed over 2.5 million cow spaces/comfort systems with zero warranty claims. Huber Technik are highly rated by the Germany’s Agricultural Society (DLG.org) through a series of laboratory tests for comfort and durability. These are the most robust tests on the market and proves that Huber Technik’s top cover and continuous rubber roll is six times stronger than similar products made in China.

4Gs - The Complete Mattress Solution

- 4mm thick top cover, backed with a strong inlay mesh
- Interaction point with your animal gently textured to provide stability
- Manufactured from 100% pure rubber compound which has not previously been vulcanised
- Top cover is proven in test to be 6 times stronger than Chinese imports
- The inner foam pads inside the mattress are 30mm thick, made from 50% latex and 50% polyurethane
- Exceptional shape retention and comfort
- Creates the perfect balance of comfort and durability in a simple yet proven installation system

What is unvulcansied rubber? - Rubber that has not been previously moulded or heated (vulcanised)

Why is it better? - When rubber is reused and recycled it losses some of its original properties, becoming harder and increasing the probability of cracking. This also may lead to the mat breaking down and rubber ending up in the food chain.

Key Points

- PAH-Tested - Polycyclic Aromatic Hydrocarbons one of the few mats on the market that is PAH-Tested and certified.
  - NB: High PAHs are present in cheaper rubber compounds and are highly toxic and carcinogenic, example Milk Lines must be PAH-Tested. Huber is one of the only mattresses in the world that is PAH-Tested.
- New tyre compound – 100% rubber with no recycled material or cheap fillers
- Environmentally friendly for recycling after use
- Plastic wrap to contain foam pads supplied with every job
- Continuous roll manufacture
- Gentle honeycomb texture on top cover provides safe grip for stability and low abrasion
- Made in Germany held to European standards
- Regressive 10 year warranty
- 0% warranty claims against roll or mattress
- Fixings supplied

DLG Testing and Certification

The 4GS system is DLG tested and has been awarded a certificate and the right to display the DLG “Fokus test” label.

Deformability and Elasticity - Evaluates softness, comfort, and elasticity of a rubber mat before and after use, simulating 10 years of normal use

Lying time comfort test - In independent tests the 4GS Mattress Solution had 16 hours lying time versus 13 hours in an EVA mat and 6 hours of that of a basic solid rubber (no bungs) mat

Abrasion Test - Evaluates top-surface wear. After 10,000 rotations mat is measured to evaluate top-surface wear resistance

Slip Resistance Test - Evaluates top-surface grip of a rubber mat. Surface grip prevents a cow from slipping. Relevant resistance measurements of a wet and dry mat are recorded to evaluate the overall slip resistance

Tensile Test - The N/mm2 is 24.7 for Huber, scoring a ++ (DLG6014F) and 4.72 N/mm2 for the Chinese product a 0, (DLG5809F)
Herringbone A.I. and Treatment Race

- Available as right hand and left hand standard units accommodating 12 cow spaces
- Standard units are 9790mm long x 1650mm wide (post centres)
- Allows larger numbers of animals to be handled in a short space of time
- Correct positioning of cows
- Reduces use of vets time on site resulting in a reduction in cost per cow
- Reduced labour plus increased efficiency
- Better conception rates due to less stress in the animals
- Suitable when carrying out various tasks such as insemination, scanning, reading ear tags and T.B. Testing if enough room is left at the front and rear of the animals

F025 2200 05 Right Hand Standard 12 Cow Unit  £2067.51
F025 2200 04 Left Hand Standard 12 Cow Unit  £2067.51

Illustration showing right handed version

Rear Operating Front Opening A.I. Stalls

- Designed to be operated in banks of stalls with front opening gates for quick throughput
- 2060mm long x 4 Rail providing ideal vet access and supplied with rump chains
- Units set at 800mm centres
- May need some self assembly

A.I. Stalls - bolt to wall

- 2135mm long x 4 Rail with rear hook and chain
- Designed so that animals walk into and back out of stall
- Set at 800mm centres

F025 2100 10  £174.18
F025 2100 11  £188.18

A.I. Stalls - free standing

- 2135mm long x 4 Rail with rear hook and chain
- Designed so that animals walk into and back out of stall
- Set at 800mm centres

F025 2100 05 Right Hand Standard 12 Cow Unit  £2067.51
F025 2100 04 Left Hand Standard 12 Cow Unit  £2067.51

Illustration showing right handed version
BULL PENNING

At IAE we have many years of experience designing bull penning and housing. We make safe handling layouts, heavy duty feeding and restraining solutions, and offer sound advice when deciding on how to work in close proximity with the bull.
IAE’s experience in designing bull penning to meet every requirement is invaluable when needing to ensure safe housing and handling.

1. Bull corner tie
2. Bull pen sliding door
3. Refuge
4. 2 rail fencing
5. Service pen
6. Bottom rails set in concrete
7. Vertical rail fencing

Points to think about!

- Bull pens are best positioned to allow the bull to see other cattle and general farm activity
- Pens should be a minimum of 1.5mtrs high
- Vertical gaps in partitions and gates should be no more than 100mm, rails should be a minimum of 48mm diameter
- External doors and gates are to be lockable and stockproof
- Penning should allow the Bull to be fed and watered from outside the pen and incorporate a yoke or method of securing using the nose ring
- A separate exercise yard with entry controlled by a gate operated from outside the pen is recommended to allow bedding up or cleaning out whilst the bull is contained in a separate area
- A refuge area is required with means of unobstructed escape safely from the pen.

USEFUL LINKS
www.hse.gov.uk/pubns/ais35.pdf

NB: All bull pens must comply to Health and Safety Regulations.

For technical design and advice please contact IAE Head Office or one of our experienced Area Sales Managers. Prices available on application.
Bull Safe Area

The bull safe area is designed to contain a bull when access to the bull pen is required.

The bull safe area is entered via a guillotine gate operated from outside the pen for handler safety. A full length gate is supplied on one side of the bull safe area for access.

<table>
<thead>
<tr>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>F060 2002 02</td>
<td>Standard bull safe R/H</td>
<td>£3023.93</td>
</tr>
<tr>
<td>F060 2002 12</td>
<td>Standard bull safe L/H</td>
<td>£3023.93</td>
</tr>
</tbody>
</table>
Calf Creep
F030 2025 07 £1253.12

The IAE Classic calf creep feeder brings together the best elements of our previous calf creep feeder designs and enhances the product with new features and design alterations. The hopper, intricately folded from heavy gauge sheet using our state of the art folding and punching equipment, forms an integral part of the structure of the creep. Incorporating the hopper into the unit as a whole gives inherent rigidity and strength. To prove the durability and load capacity of the new creep feeder, it was tested with a payload in excess of 500kg in the 725 litre hopper, coping with ease and without sustaining any damage throughout the trial, which included transit and lifting using the built in 3 point linkage and fork lift points.

- Built in 3 point linkage and pallet fork lifting points make life easy when moving short distances around the farm
- Optional bolt on top lifting frame also available
- The lift up hopper lid slides forward on nylon rollers to allow even greater access
- The front apertures offer plenty of adjustment with 3 height and 2 width settings
- The cross-bar (height restrictor) sits in a special pair of brackets with three locations and is secured with an “R-clip” and peg
- Each vertical aperture bar is located in special cut out positions inside the front of the frame and these are also secured with an “R-clip” and peg. Straight forward to open and alter, the clip and peg system is inaccessible to cattle

Dimensions
2500mm wide
1857mm deep (front to back)
1355mm high (front)
**Yearling Circular Feeder**

- 18 feed spaces
- 30mm x 30mm SHS horizontal rails
- 30mm o/d tube vertical rails at 279mm approx centres
- Comes in two sections bolted together

<table>
<thead>
<tr>
<th>Code</th>
<th>Dia (mm)</th>
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</tbody>
</table>

**Standard Circular Feeder**

- 20 feed spaces
- 31.75mm x 31.75mm SHS horizontal rails
- 30mm o/d tube vertical rails at 328mm approx centres
- Comes in two sections bolted together

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<td>1295</td>
<td>535</td>
<td>£245.13</td>
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</tbody>
</table>

**Heavy Duty Circular Feeder**

- 20 feed spaces
- 38.1mm x 38.1mm SHS horizontal rails
- 35mm o/d tube vertical rails at 335mm approx centres
- Comes in two sections bolted together

<table>
<thead>
<tr>
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<tr>
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<td>2135</td>
<td>1450</td>
<td>670</td>
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</tr>
</tbody>
</table>

**Tombstone**

- 12 feed spaces
- 48.3mm tube horizontal rails
- 38mm o/d tube vertical rails at 592mm approx centres
- Comes in three sections bolted together

<table>
<thead>
<tr>
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<th>Height (mm)</th>
<th>Depth (mm)</th>
<th>Price</th>
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<tr>
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<td>2285</td>
<td>1150</td>
<td>670</td>
<td>£437.22</td>
</tr>
</tbody>
</table>
Double Cattle Hayrack and Manger

- Supplied with adjustable legs
- Optional lid (extra charge)

Free Standing Portable 2 in 1 Feeders

- 345mm deep feed trough
- Comprises separate posts, barrier and trough which bolt together

High Density Feeders

- Floor feeding rectangular feeders
- Accommodates Hesston type bales
- Sold flat packed
- Units have corner bracings for added strength

Rectangular Feed Bins

- Pre galvanized sheet metal feeding trough with centre ridge
- One drop down panel for ease of loading
- 40mm x 40mm SHS main frame
- 35mm o/d tube vertical rails
**Barley Beef Feeder - Single Sided**

- Flow control plates to regulate feed
- Fitted with agitator chains to counteract feed solidifying
- Fixed height

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Litres</th>
<th>Price</th>
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</thead>
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<tr>
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<td>770</td>
<td>1360</td>
<td>1020</td>
<td>£924.06</td>
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</tbody>
</table>

**Barley Beef Feeder - Double Sided**

- Flow control plates to regulate feed
- Fitted with agitator chains to counteract feed solidifying
- Fixed height

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Litres</th>
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<td>1070</td>
<td>1360</td>
<td>1020</td>
<td>£1114.66</td>
</tr>
</tbody>
</table>

**Large Capacity Barley Beef Feeder**

- Comes with any hand lid
- C/w side and rear steps and is wide enough to fill with a bucket
- Pivoting baffle plate reduces wastage when filling with a bucket
- Flow control plate to regulate feed
- Single sided unit also available
- Adjustable height

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Litres</th>
<th>Price</th>
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</thead>
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<td>3137</td>
<td>996</td>
<td>1738</td>
<td>1540</td>
<td>£1807.25</td>
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</tbody>
</table>
Free Standing Calf Troughs on Legs

- 135mm approx deep trough
- Fully welded trough ends suitable for liquid feeding
- Comes with splayed legs (as standard) for stability
- Option available to stand against a wall with vertical legs (POA)

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F030 2017 11</td>
<td>1220</td>
<td>430</td>
<td>585</td>
<td>£101.82</td>
</tr>
<tr>
<td>F030 2017 12</td>
<td>1830</td>
<td>430</td>
<td>585</td>
<td>£115.87</td>
</tr>
<tr>
<td>F030 2017 13</td>
<td>2440</td>
<td>430</td>
<td>585</td>
<td>£130.64</td>
</tr>
</tbody>
</table>

Goliath Calf Troughs

- 200mm approx deep trough
- Fully welded for liquid feeding
- Diagonal strut bracing below trough for added strength

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Braces</th>
<th>Price</th>
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<tbody>
<tr>
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<td>315</td>
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<td>315</td>
<td>466</td>
<td>2</td>
<td>£125.69</td>
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</table>

Free Standing Cattle Troughs on Legs

- 200mm approx deep trough
- Comes with splayed legs (as standard) for stability
- Centre ridge to separate feed
- Option available complete with wheels at one end

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
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<td>315</td>
<td>466</td>
<td>£101.82</td>
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<tr>
<td>F030 2017 12</td>
<td>1830</td>
<td>315</td>
<td>466</td>
<td>£115.87</td>
</tr>
<tr>
<td>F030 2017 13</td>
<td>2440</td>
<td>315</td>
<td>466</td>
<td>£130.64</td>
</tr>
</tbody>
</table>

Low Level Beef Trough on Legs and Badger Defence™

- 230mm approx deep trough
- Comes with vertical legs as standard
- 2 x welded RHS bracings for added strength
- Spinning rollers fitted to prevent grip on all four sides (Badger Defence)
- Stop the badger’s ingress to the animals feed (Badger Defence)
- Preventing the spread of TB (Badger Defence)

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
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<tr>
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<td>786</td>
<td>675</td>
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</table>

Heavy Duty Floor Feeding Bullock Trough

- 200mm approx deep trough
- Comes with splayed legs (as standard) for stability
- Centre ridge to separate feed
- Option available to stand against a wall with vertical legs (POA)

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>F030 2017 11</td>
<td>1220</td>
<td>315</td>
<td>466</td>
<td>£101.82</td>
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<tr>
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<td>F030 2017 13</td>
<td>2440</td>
<td>315</td>
<td>466</td>
<td>£130.64</td>
</tr>
</tbody>
</table>

Floor Feeding Cattle Trough

- 230mm approx deep trough
- Comes with vertical legs as standard
- 2 x welded RHS bracings for added strength
- Spinning rollers fitted to prevent grip on all four sides (Badger Defence)
- Stop the badger’s ingress to the animals feed (Badger Defence)
- Preventing the spread of TB (Badger Defence)

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
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<td>420</td>
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**NB:** (pre June 2012 models will need legs drilling to suit both lugs) by others.
## Calf Rearing

### Standard Calf Penning
- 1015mm high
- 25mm x 25mm SHS horizontal rails and end vertical stiles
- Welded slotted lugs at each end to suit 10mm o/d coupling rod arrangement (rods extra)
- Supplied with plastic caps to top end of vertical stiles

### Standard Calf Pen Fronts
- 2 x head spaces complete with 2 x bucket holders

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Price</th>
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<tr>
<td>F055 2001 03</td>
<td>915</td>
<td>£50.42</td>
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</tbody>
</table>

### Standard Yoke Type Calf Pen Fronts
- 2 x head spaces complete with 2 x bucket holders

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>F055 2002 04</td>
<td>1220</td>
<td>£85.70</td>
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</table>

### Part Sheeted Side Panels
- Viewing gap at top of hurdle (meets welfare standards for tactile contact)

<table>
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</thead>
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<tr>
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<td>F055 2010 06</td>
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<td>£75.91</td>
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### Standard 6 Railed Side Panels

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<tr>
<td>F055 2015 06</td>
<td>1830</td>
<td>£60.89</td>
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</table>

### Fully Sheeted Back Panel

<table>
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<tr>
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<td>F055 2020 04</td>
<td>1220</td>
<td>£57.63</td>
</tr>
</tbody>
</table>
Fittings to Standard Calf Pens

<table>
<thead>
<tr>
<th>Code</th>
<th>Product</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F055 2000 03</td>
<td>10mm dia coupling bar</td>
<td>£2.47</td>
</tr>
<tr>
<td>F055 2030 01</td>
<td>Short plate c/w 1 lug</td>
<td>£3.51</td>
</tr>
<tr>
<td>F055 2030 02</td>
<td>Full length plate c/w 2 lugs</td>
<td>£9.48</td>
</tr>
</tbody>
</table>

Extra Bucket Holders

<table>
<thead>
<tr>
<th>Code</th>
<th>Product</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>B101 0601 00</td>
<td>Extra bucket holder</td>
<td>£4.37</td>
</tr>
</tbody>
</table>

Double Sided Meshed Haybasket

- Slots over division panels
- Suitable for calf pens and lambing pens

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Depth (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>B107 0170 20</td>
<td>475</td>
<td>475</td>
<td>490</td>
<td>£19.95</td>
</tr>
</tbody>
</table>
**Large Calf De-Horning Crate**

- Comes with a wooden floor
- The hinged gates at the back of each side allow access all around the animals rear end
- Calves walk in from the rear and exit through the front gate
- Yoke arm in fixed front gated section has adjustable ratchet catches
- Supplied with adjustable wooden head rest and rope restraint
- Supplied with belly strap and backing up bar

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F059 2002 01</td>
<td>1185</td>
<td>480</td>
<td>1195</td>
<td>£741.17</td>
</tr>
<tr>
<td>F059 2003 01</td>
<td>Wheels and Handles to suit the above</td>
<td></td>
<td></td>
<td>£47.12</td>
</tr>
</tbody>
</table>

**Small Calf De-Horning Crate**

- Comes with a wooden floor
- Optional wheels and handle if required
- Calves walk in from the rear and exit through the front gate
- Yoke arm in fixed front section has adjustable ratchet catches
- Supplied with adjustable wooden head rest and rope restraint
- Supplied with belly strap and backing up bar

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F059 2001 01</td>
<td>915</td>
<td>380</td>
<td>1020</td>
<td>£444.65</td>
</tr>
<tr>
<td>F059 2003 01</td>
<td>Wheels and Handles to suit the above</td>
<td></td>
<td></td>
<td>£47.12</td>
</tr>
</tbody>
</table>

**Electronic Calf Weighing Crate**

- External Dimension 1490mm long x 675mm wide x 1405mm high
- Internal Dimension 1425mm long x 500mm wide x 1130mm high
- 50mm x 50mm weld mesh
- Supplied with wheels and drop down handles as standard
- Supplied with Salter Brecknell LS521 digital weigh head
- Fully meshed entrance and exit gates have top operated handles

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F047 2001 13</td>
<td>Electronic calf weigher</td>
<td>£1439.28</td>
</tr>
<tr>
<td>B122 9052 10</td>
<td>Replacement electronic indicator for above</td>
<td>£614.32</td>
</tr>
</tbody>
</table>

**Simple Calf Pen Front Panels**

- Comes with 2 or 4 bucket holders
- Welded loop lugs at each end to suit extended vertical stile arrangement
- Not compatible with standard calf penning

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Openings</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F055 2003 04</td>
<td>1220</td>
<td>2</td>
<td>£69.55</td>
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<tr>
<td>F055 2003 06</td>
<td>1830</td>
<td>4</td>
<td>£93.86</td>
</tr>
</tbody>
</table>

**Simple Calf Pen Railed Side & Back Panels**

- Lighter specification than standard calf pen
- Not compatible with standard calf penning

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F055 2025 04</td>
<td>1220</td>
<td>1087</td>
<td>£38.96</td>
</tr>
<tr>
<td>F055 2025 06</td>
<td>1830</td>
<td>1087</td>
<td>£47.45</td>
</tr>
</tbody>
</table>
LAMMING EQUIPMENT

We can supply all the necessary lambing equipment during the busy lambing season. From temporary penning units housing new born lambs with mothers, to lamb adopter units which are used to “foster on” cade or orphaned lambs. All of this helps to create a stress free environment.
**Multiform Lamb Adopter Starter Unit**

- Used to “foster on” spare lambs
- 1525mm wide x 1200mm long x 800mm high
- Featuring 2 two rail guard wings, 2 removable bucket holders, 2 sheeted side panels, 1 back panel, 1 front yoke panel and 4 coupling bars
- Suitable for horned sheep as 620mm long x 780mm high yoke is manually positioned
- Rear panel has lift out stockboard section
- Supplied sectional for ease of storage and handling

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F053 2002 20</td>
<td>£284.10</td>
<td></td>
</tr>
</tbody>
</table>

**Add On Unit**

- As per the standard starter unit but minus one sheeted side panel

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F053 2002 21</td>
<td>£245.70</td>
<td></td>
</tr>
</tbody>
</table>

**Lamb Adopter Front**

- Adjustable neck yoke holds the ewe’s head to feed and water, so that initially she cannot sniff the fostered lamb prior to acceptance
- Universal coupling arrangement to suit a variety of sheep hurdles
- 930mm long x 1015mm high
- Suitable for horned sheep as yoke is manually positioned
- Supplied with 2 bucket holders
- Not compatible with Multiform Lamb adopter units

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F053 2000 10</td>
<td>£89.77</td>
<td></td>
</tr>
</tbody>
</table>
7 Rail Interlocking Sheep Hurdle

- Loop type coupling arrangement
- Sold in packs of 25 (applies trade only) split packs plus 20%

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F052 2000 02</td>
<td>1220</td>
<td>970</td>
<td>£POA</td>
</tr>
<tr>
<td>F052 2000 03</td>
<td>1525</td>
<td>970</td>
<td>£POA</td>
</tr>
<tr>
<td>F052 2000 04</td>
<td>1830</td>
<td>970</td>
<td>£POA</td>
</tr>
</tbody>
</table>

Part Meshed Lambing Hurdle

- Can be used to form banks of single runs using top loose ring and fixed 60mm x 60mm bottom lug type coupling arrangement
- Not compatible with standard 7 rail interlocking sheep hurdles
- 5 horizontal rails and clad with 50mm x 50mm weld mesh up to a height of 524mm from floor level
- Sold in packs of 25 (applies to trade only) split packs plus 20%
- Coupling rod type available to form back to back runs

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F052 2002 02</td>
<td>1230</td>
<td>1050</td>
<td>£31.92</td>
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<tr>
<td>F052 2002 03</td>
<td>1840</td>
<td>1050</td>
<td>£41.36</td>
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</table>

Alpaca Hurdle c/w 8 Rails

- Loop type coupling arrangement

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F052 2060 06</td>
<td>1830</td>
<td>1296</td>
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<tr>
<td>F052 2060 08</td>
<td>2440</td>
<td>1296</td>
<td>£64.74</td>
</tr>
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</table>

NB: The intended use for alpaca hurdles is to form large holding pens or small individual pens. If used for long single runs back to back some joints will need to be cable tied together. Specification may vary

Lamb Creep Hurdle

- Loop type coupling arrangement to ensure compatibility with interlocking sheep hurdles
- 7 horizontal rails
- Creep apertures built in to a 535mm approx long opening at one end

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F052 2001 01</td>
<td>1830</td>
<td>970</td>
<td>£68.89</td>
</tr>
</tbody>
</table>

NB: The intended use for interlocking sheep hurdles is to form large holding pens or small individual pens. If used for long single runs of lambing pens or back to back lambing pens some joints will need to be cable tied together. Specification may vary.
Our robust, durable range of sheep penning and feeding equipment is designed to give you a flexible solution to your sheep housing requirements. Feed barriers and walkthrough feeders are supplied with coupling rod connections as standard to allow for easy removal to aid cleaning out or utilising the area for mixed use.
**Feed Hurdle Options**

*Adjustable Horizontal Rail Sheep Hurdle*

- Supplied with adjustable eyes (rods not included)
- 1000mm high incorporating 315mm deep timber base
- Sheep Feed Hurdles are available in other sizes (max length 4575mm) - (POA)

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2403 01</td>
<td>4315¹</td>
<td>£244.23</td>
</tr>
<tr>
<td>F051 2403 02</td>
<td>4315¹ c/w access gate</td>
<td>£317.70</td>
</tr>
<tr>
<td>F051 2403 10</td>
<td>3050</td>
<td>£205.23</td>
</tr>
<tr>
<td>F051 2403 15</td>
<td>4575</td>
<td>£266.57</td>
</tr>
<tr>
<td>F051 2403 25</td>
<td>4575 c/w access gate</td>
<td>£350.67</td>
</tr>
<tr>
<td>F051 2820 02</td>
<td>50 x 50 (on base plate)</td>
<td>£30.76</td>
</tr>
<tr>
<td>F051 2820 03</td>
<td>50 x 50 (into ground)</td>
<td>£29.70</td>
</tr>
<tr>
<td>F051 2820 20</td>
<td>80 x 80 (into ground)</td>
<td>£47.72</td>
</tr>
<tr>
<td>F051 2018 03</td>
<td>Coupling rod</td>
<td>£5.44</td>
</tr>
</tbody>
</table>

1. Panels fit in at 4570mm centres when used with 50 x 50 posts

---

*Vertical Railed Sheep Feed Hurdle*

- 1000mm high incorporating 315mm deep timber base

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2401 10</td>
<td>3050</td>
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</tr>
<tr>
<td>F051 2401 15</td>
<td>4575</td>
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</tr>
<tr>
<td>F051 2401 25</td>
<td>4575 c/w access gate</td>
<td>£346.73</td>
</tr>
<tr>
<td>F051 2820 02</td>
<td>50 x 50 (on base plate)</td>
<td>£30.76</td>
</tr>
<tr>
<td>F051 2820 03</td>
<td>50 x 50 (into ground)</td>
<td>£29.70</td>
</tr>
<tr>
<td>F051 2820 20</td>
<td>80 x 80 (into ground)</td>
<td>£47.72</td>
</tr>
<tr>
<td>F051 2018 03</td>
<td>Coupling rod</td>
<td>£5.44</td>
</tr>
</tbody>
</table>

**NB:** Hurdles will be supplied handed as brochure unless stated otherwise.
Walk Through with Hayrack

- Used to divide pens and create extra feed space
- Available with a choice of optional extras, including end gates, trough ends and bolt on lugs to facilitate the coupling up of hurdles

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F035 2021 11</td>
<td>2465</td>
<td>690</td>
<td>1080</td>
<td>£288.18</td>
</tr>
<tr>
<td>F035 2021 12</td>
<td>3000</td>
<td>690</td>
<td>1080</td>
<td>£322.85</td>
</tr>
</tbody>
</table>

Extra cost for Special Length Walk Through Sheep Feeders (max length 3050mm)

Standard Walk Through

- Used to divide pens and create extra feed space
- Available with a choice of optional extras, including end gates, trough ends and bolt on lugs to facilitate the coupling up of hurdles

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F035 2020 11</td>
<td>2465</td>
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<td>965</td>
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<tr>
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<td>3000</td>
<td>690</td>
<td>965</td>
<td>£266.98</td>
</tr>
</tbody>
</table>

Extra cost for Special Length Walk Through Sheep Feeders (max length 3050mm)

Trough Joiner Inserts

- Used to divide pens and create extra feed space
- Available with a choice of optional extras, including end gates, trough ends and bolt on lugs to facilitate the coupling up of hurdles

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
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<tbody>
<tr>
<td>F035 2020 22</td>
<td>100mm wide walkthrough feeder</td>
<td>£13.53</td>
</tr>
<tr>
<td>F035 2021 22</td>
<td>100mm wide walkthrough feeder c/w hayrack</td>
<td>£13.07</td>
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</tbody>
</table>

Bolt on Sheep Lugs to suit walkthrough feeders

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F035 2020 20</td>
<td>For fixing feed hurdles &amp; penning hurdles/pair</td>
<td>£6.00</td>
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</tbody>
</table>

Self Closing Gate End

<table>
<thead>
<tr>
<th>Code</th>
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<th>Price</th>
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</thead>
<tbody>
<tr>
<td>F035 2020 30</td>
<td>Fully meshed c/w fixings</td>
<td>£80.45</td>
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</tbody>
</table>

Trough End

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F035 2020 16</td>
<td>Suits both walkthrough feeders</td>
<td>£10.27</td>
</tr>
</tbody>
</table>

Clip on End Panel

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F035 2020 15</td>
<td>For standard walk through feeders</td>
<td>£37.99</td>
</tr>
<tr>
<td>F035 2021 15</td>
<td>For walk through feeders c/w hayrack</td>
<td>£39.27</td>
</tr>
</tbody>
</table>
Kwik Sheep Turnover Crate

IAE feel this is the easiest turnover crate on the market to operate with the user in mind.

**Large Kwik Sheep Turnover Crate**
Dimensions:
- 1700 long (1280 internal)
- Max internal width 500mm
- Max internal height 910mm

F051 2300 02  £1347.63

**Standard Kwik Sheep Turnover Crate**
Dimensions:
- 1700 long (1280 internal)
- Max internal width 440mm
- Max internal height 830mm

F051 2300 01  £1303.83

F051 2300 03  £52.56

Wheels and handles to suit the above (supplied loose)

- Adjustable in both height and width
- Wheeled operation allows sheep to rotate on its own axis and so requires less effort from the operator
- Access to the rear of the animal can be gained via the back gate if required
- Wheels and handles are available at an extra cost
- Drilled lugs allow the units to be incorporated into the heavy duty race system if required
- Animal is presented with feet towards operator for ease of working
Over the years IAE have developed a large range of sheep handling systems incorporating many farmer driven ideas. The modular nature of standard components makes it easy to design either your own full layout or to start with a simple basic idea that can be added to as and when circumstances dictate.
The following examples are simple layouts that utilise standard components:
The “Starter” and “Basic” kits are a gradual introduction however they can be added to at a later date to eventually build the complete System ‘A’.

### Sheep System A Starter Kit

- **4** 2500mm long sheeted hurdles c/w drilled lugs
- **1** Drafting/stop gate
- **1** Race joining arch
- **1** Lift & swing guillotine gate to suit swing & slide gate
- **8** Coupling rods

### Sheep System A Basic Kit

- **5** 2500mm long sheeted hurdles c/w drilled lugs
- **1** Drafting/stop gate
- **1** Race joining arch
- **1** Lift & swing guillotine gate to suit swing & slide gate
- **1** Swing and slide gate
- **1** 2500mm long 6 rail hurdle c/w drilled lugs
- **1** 660mm long sheeted hurdle c/w drilled lugs
- **1** 2500mm long 6 rail sliding gate hurdle
- **2** 2000mm long sheeted radius hurdles c/w drilled lugs
- **15** Coupling rods
Sheep System A

- Approximately 10000mm long x 5000mm wide holding 40-60 animals
- Sliding gates allow stock to move freely through the 2500mm wide holding pens
- Swing and slide gate allows the forcing pen to be full all of the time
- Swing and slide gate extends the length of the race when in the closed position
- Sheeted race can be tapered if required when working on lambs
- Drafting/stop gate at the end of the race can shed animals into two small sorting pens each holding 10-16 animals

Sheep System B

- Approximately 13480mm long x 5640mm wide
- Traditional 4880mm diameter circular forcing pen comes with ring system gate hinges holding approx 40 animals
- 6100mm approx sheeted race has slipway section to suit dipping bath (dip bath not included)
- Sliding gates allow stock to exit freely from the 2820mm dispersal pens
- Sheeted race can be tapered if required when working on lambs
- Drafting/stop gate at the end of the race can shed animals into two small sorting pens each holding 12-18 animals

NB: Sheep dip not included
Sheep System C

- Approximately 15411mm long x 5829mm wide holding approx 80-100 animals
- Swing and slide gate extends the length of the race when in the closed position
- 7800mm approx sheeted race has slipway section to suit dipping bath (dip bath not included)
- Sliding gates allow stock to move freely through the 2500mm approx wide holding pens
- Sheeted race can be tapered if required when working on lambs
- 3 way drafting gate at the end of the race can shed animals into two small sorting pens each holding 15-20 animals or straight on through the exit race

Sheep System D

- The cornerstone of a most versatile system utilising a 4880mm approx semi circular forcing pen
- Approximately 8600mm long x 4880mm wide holding approx 40-60 animals
- Further holding & dispersal pens need to be added but initially can be made from interlocking sheep hurdles (not included)
- Options to put sheep through a narrow sorting race, footbath race or 915mm approx wide treatment race
- 3050mm x 915mm stand in footbath is included
- Swing and slide gate allows the forcing pen to be full all of the time
- Sheeted race can be tapered if required when working on lambs

<table>
<thead>
<tr>
<th>Qty</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>3050mm 6 rail hurdle</td>
</tr>
<tr>
<td>5</td>
<td>2500mm 6 rail hurdle</td>
</tr>
<tr>
<td>2</td>
<td>1525mm 6 rail hurdle</td>
</tr>
<tr>
<td>1</td>
<td>660mm sheeted hurdle</td>
</tr>
<tr>
<td>5</td>
<td>2500mm 4 rail sheeted hurdle</td>
</tr>
<tr>
<td>1</td>
<td>1525mm 4 rail sheeted hurdle</td>
</tr>
<tr>
<td>2</td>
<td>1250mm 4 rail sheeted hurdle</td>
</tr>
<tr>
<td>2</td>
<td>2500mm pair of 6 rail gates in frame</td>
</tr>
<tr>
<td>1</td>
<td>2500mm 6 rail hurdle c/w swing gate</td>
</tr>
<tr>
<td>1</td>
<td>1525mm slipway hurdle</td>
</tr>
<tr>
<td>2</td>
<td>2000mm sheeted radius hurdle</td>
</tr>
<tr>
<td>2</td>
<td>Drop gate in frame</td>
</tr>
<tr>
<td>2</td>
<td>Race joiner</td>
</tr>
<tr>
<td>1</td>
<td>Guillotine gate c/w swing gate + pivot</td>
</tr>
<tr>
<td>2</td>
<td>2500mm sliding gate hurdle</td>
</tr>
<tr>
<td>1</td>
<td>2525mm swing and slide gate</td>
</tr>
<tr>
<td>2</td>
<td>2 way support post on base plate</td>
</tr>
<tr>
<td>1</td>
<td>3 way drafting/stop gate</td>
</tr>
<tr>
<td>43</td>
<td>Coupling rods</td>
</tr>
</tbody>
</table>

NB: Sheep dip not included
• The “Bugle” tapers to naturally force animals from a wider pen into the sorting race via a semi circular forcing pen
• Approximately 7300mm long x 4000mm wide holding approx 40-50 animals
• Further holding and dispersal pens need to be added but initially, can be made from interlocking sheep hurdles (not included)
• Animals can be diverted into a 5550mm long x 915mm wide pen prior to the drafting gate if required
• Short swing and slide gate allows the forcing pen to be full all of the time
• Sheeted race can be tapered if required when working with lambs

Bugle System

Circular Sheep Forcing Ring

• Build your own system using our modular components with the forcing ring as a base

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2500mm 6 rail hurdle</td>
<td>F051 2200 12</td>
<td>£1394.65</td>
</tr>
<tr>
<td>3050mm 6 rail hurdle</td>
<td>F051 2200 16</td>
<td>£1695.22</td>
</tr>
<tr>
<td>2500mm rail sheeted hurdle</td>
<td>F051 2201 12</td>
<td>£1335.81</td>
</tr>
<tr>
<td>3050mm rail sheeted hurdle</td>
<td>F051 2201 16</td>
<td>£1639.23</td>
</tr>
<tr>
<td>2500mm pair of 6 rail gates in frame</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drafting/stop gate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>915mm 6 rail swing gate in frame</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2500mm sheeted shedding hurdle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2500mm 6 rail hurdle c/w swing gate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1886mm swing and slide gate in frame</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lift and swing guillotine gate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1667mm 3 rail sheeted radius hurdle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1600mm 3 rail sheeted radius hurdle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Race joiner</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coupling bars</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

F051 2203 01  £2808.46
# Sheep Handling - Components

## 6 Rail Sheep Hurdle

- Gate has a top operated lever to divert animals into an adjacent pen
- Gate section can be hinged from either end to make units handed
- NB: Gate on 2500mm is central in hurdle

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2800 12</td>
<td>1250</td>
<td>1000</td>
<td>£59.70</td>
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<tr>
<td>F051 2800 15</td>
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<tr>
<td>F051 2800 17</td>
<td>1770</td>
<td>1000</td>
<td>£71.65</td>
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<tr>
<td>F051 2800 25</td>
<td>2500</td>
<td>1000</td>
<td>£80.61</td>
</tr>
<tr>
<td>F051 2800 30</td>
<td>3050</td>
<td>1000</td>
<td>£92.29</td>
</tr>
</tbody>
</table>

## 6 Rail Sheep Sliding Gate Hurdles

- Opening of slide section is 1205mm wide
- Opening section has no top rail to navigate under

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2802 25</td>
<td>2500</td>
<td>1000</td>
<td>£145.36</td>
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<tr>
<td>F051 2802 28</td>
<td>2820</td>
<td>1000</td>
<td>£147.60</td>
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<tr>
<td>F051 2802 30</td>
<td>3050</td>
<td>1000</td>
<td>£152.76</td>
</tr>
</tbody>
</table>

## 4 Rail Fully Sheeted Sheep Hurdle

- Gate has a top operated spring loaded slide bolt

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2900 06</td>
<td>660</td>
<td>1000</td>
<td>£58.87</td>
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<tr>
<td>F051 2900 09</td>
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<tr>
<td>F051 2900 12</td>
<td>1250</td>
<td>1000</td>
<td>£76.64</td>
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<tr>
<td>F051 2900 15</td>
<td>1525</td>
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</tr>
<tr>
<td>F051 2900 17</td>
<td>1730</td>
<td>1000</td>
<td>£98.73</td>
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<tr>
<td>F051 2900 25</td>
<td>2500</td>
<td>1000</td>
<td>£114.17</td>
</tr>
<tr>
<td>F051 2900 30</td>
<td>3050</td>
<td>1000</td>
<td>£143.38</td>
</tr>
</tbody>
</table>

## 6 Rail Sheep Hurdle c/w Built in Gate

- Opening gate section is 835mm wide
- Gate has a top operated spring loaded slide bolt

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2803 25</td>
<td>2500</td>
<td>1000</td>
<td>£224.30</td>
</tr>
</tbody>
</table>

## Fully Sheeted Sheep Shedding Hurdle

- Gate has a top operated lever to divert animals into an adjacent pen
- Gate section can be hinged from either end to make units handed
- NB: Gate on 2500mm is central in hurdle

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2906 01</td>
<td>1525</td>
<td>1000</td>
<td>£173.94</td>
</tr>
<tr>
<td>F051 2906 02</td>
<td>2500</td>
<td>1000</td>
<td>£241.81</td>
</tr>
</tbody>
</table>

## Radiused Sheeted Hurdle

- Opening gate section is 835mm wide
- Gate has a top operated spring loaded slide bolt

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2901 20</td>
<td>2000</td>
<td>1000</td>
<td>£124.24</td>
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<tr>
<td>F051 2901 11</td>
<td>1105</td>
<td>1000</td>
<td>£105.83</td>
</tr>
<tr>
<td>F051 2901 17</td>
<td>1667</td>
<td>1000</td>
<td>£116.69</td>
</tr>
<tr>
<td>F051 2901 18</td>
<td>1870</td>
<td>1000</td>
<td>£113.58</td>
</tr>
</tbody>
</table>
Guillotine Gates in Frames
Lift & Swing Guillotine Gate
  c/w pivot to suit swing & slide gate

• Main frame is full height both sides
• Bases are drilled so that adjoining race hurdles can be tapered if required when working on lambs (570mm wide only)
• Pulley and nylon rope is included

Lift & Swing Guillotine Gate

Fully Meshed Drafting/Stop Gate

• Used to divert animals from the race into two pens
• Quick acting operating handle for easy drafting operation
• Handle will locate in ‘open’ position for set direction of animals. Is easily locked closed
• Base is drilled so that adjoining race hurdles can be tapered if required when working on lambs

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2812 03</td>
<td>980</td>
<td>570</td>
<td>1000</td>
<td>£215.23</td>
</tr>
</tbody>
</table>

Three Way Drafting/Stop Gate

• Facility to allow stock to travel straight through the race or to be diverted to the right or left
• Meshed stop gate is hinged and connected to one diverter gate
• Floor plates at both ends allow for the race to be tapered if required

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2812 02</td>
<td>980</td>
<td>570</td>
<td>1000</td>
<td>£387.20</td>
</tr>
</tbody>
</table>

Sheep Swinging Gates Built into a Frame

• Used to divert animals from the race into two pens
• Quick acting operating handle for easy drafting operation
• Handle will locate in ‘open’ position for set direction of animals. Is easily locked closed
• Base is drilled so that adjoining race hurdles can be tapered if required when working on lambs

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2805 06</td>
<td>660</td>
<td>1000</td>
<td>£124.16</td>
</tr>
<tr>
<td>F051 2805 09</td>
<td>915</td>
<td>1000</td>
<td>£133.10</td>
</tr>
<tr>
<td>F051 2805 12</td>
<td>1250</td>
<td>1000</td>
<td>£144.75</td>
</tr>
<tr>
<td>F051 2805 15</td>
<td>1525</td>
<td>1000</td>
<td>£156.49</td>
</tr>
<tr>
<td>F051 2905 15</td>
<td>sheeted</td>
<td>1000</td>
<td>£180.04</td>
</tr>
</tbody>
</table>
Sheep Handling - Components

- Race Joining Frame
  - Base is drilled, adjoining race hurdles can be tapered if required when working on lambs
  - Gate can be locked open, locked closed (stop gate) and used as a traditional non return gate
  - 6 Rails
  - Base is drilled, adjoining race hurdles can be tapered if required when working with lambs
  - Wide - 570mm

- Non Return/Stop Gate in Race Joining Frame
  - Items attach onto sheeted race hurdles

- Non Return Gate in Race Joining Frame
  - Base is drilled so that adjoining race hurdles can be tapered if required when working on lambs

- Drop Gate in Race Joining Frame
  - Base is drilled so that adjoining race hurdles can be tapered if required when working on lambs

- Clip on Non Return Gate
  - Base is drilled, adjoining race hurdles can be tapered if required when working on lambs

- Self Locking Yoke in Race Frame
  - Base is drilled, adjoining race hurdles can be tapered if required when working on lambs
  - Yoke has 5 settings varying in width between 50mm and 130mm
  - Yoke gates can be locked open when not in use
  - Comes with drilled lugs at each end

- Dual Gates in Race Frame
  - Base is drilled, adjoining race hurdles can be tapered if required when working on lambs
  - Quick acting stop gates concertina out of the way
  - Comes with drilled lugs at each end

- Gate in Race Joining Frame
  - Items attach onto sheeted race hurdles

- Non Return Gate in Frame
  - Base is drilled so that adjoining race hurdles can be tapered if required when working on lambs
  - Gate can be locked open, locked closed (stop gate) and used as a traditional non return gate
  - 570mm wide x 270mm deep
  - Comes with drilled lugs at each end

Options:
- Optional Extra Back Up Roller bar (fitted)
  - FOS 2813 08
  - £80.74
  - Including Back Up Roller bar (fitted)
  - FOS 2819 01
  - £96.77

Prices:
- £142.34
- £154.55
- £122.60
- £254.62
- £314.43
- £246.41
- £143.75
- £154.55
- £122.60

F051 2815 06
£142.34
F051 2815 06
£154.55
F051 2811 01
£122.60
F051 2819 01
£96.77
F051 2813 08
£80.74
F051 2819 01
£96.77
F051 2815 10
£254.62
F051 2816 10
£314.43
F051 2818 10
£246.41
F051 2816 05
£143.75
Swing And Slide Gate

- Tried and tested unique gate with a curved top rail at each end to allow the gate to travel through a pivot wheel and behind the next batch of animals
- Enables sheep to be both sides of the gate without obstruction which in turn means full pens all of the time
- A slide bolt is built into the gate at each end

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2807 25</td>
<td>2555mm gate only</td>
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</tr>
<tr>
<td>F051 2808 18</td>
<td>1690mm gate in frame</td>
<td>£265.20</td>
</tr>
<tr>
<td>F051 2820 01</td>
<td>76mm hang post - c/w pivot</td>
<td>£90.33</td>
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</tbody>
</table>

Fully Sheeted “Slipway” Hurdle

- Both sizes have 1525mm removable panel
- Used when animals are to be put into a dipping bath
- Hurdle can be replaced with curtain (extra cost)
- Lift out section has inverted hooks at each end
- Open section - 1500mm approx wide on both available sizes

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2907 15</td>
<td>1525mm plus removable panel</td>
<td>£105.82</td>
</tr>
<tr>
<td>F051 2907 30</td>
<td>3050mm plus removable panel</td>
<td>£182.75</td>
</tr>
<tr>
<td>F051 2907 01</td>
<td>Curtain only to suit slipway hurdle</td>
<td>£74.67</td>
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</tbody>
</table>

Pair of 6 Rail Sheep Gates

- Built into a frame
- Joined in the middle with a drop over frame
- High - 1000mm, length - 2500mm

<table>
<thead>
<tr>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2804 25</td>
<td>£210.59</td>
</tr>
</tbody>
</table>

Sheep Sliding/Stop Gate in Race Frame

- Base is drilled so that adjoining race hurdles can be tapered if required when working on lambs
- Meshed gate slides positively in and out of position using a scissor action
- 570mm wide

<table>
<thead>
<tr>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2814 10</td>
<td>£166.03</td>
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2 Way Support Posts

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>F051 2820 02</td>
<td>On base plate</td>
<td>£30.76</td>
</tr>
<tr>
<td>F051 2820 03</td>
<td>To go into ground</td>
<td>£29.70</td>
</tr>
<tr>
<td></td>
<td>Extra lugs onto above post /pair</td>
<td>£8.61</td>
</tr>
</tbody>
</table>

Fittings to Suit Sheep Equipment

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2825 12</td>
<td>Ground socket to suit above posts</td>
<td>£16.97</td>
</tr>
<tr>
<td>B111 3010 63</td>
<td>Sheep lugs supplied loose</td>
<td>£1.32</td>
</tr>
<tr>
<td>F051 2818 01</td>
<td>915mm long f/l hinge plate to suit hurdles</td>
<td>£18.93</td>
</tr>
<tr>
<td>F051 2018 03</td>
<td>Coupling bar</td>
<td>£5.44</td>
</tr>
</tbody>
</table>
**Economy Portable Sheep Race**

- Sheeted hurdles 905mm high
- Hurdles have inverted hooks at one end and loops at opposite end
- Drafting gate will “shed” animals into two pens or two races if required
- Race joiner sits into legs of hurdle to prevent “splaying”
- Standard system (F050 2001 01) uses four 2480mm long hurdles
- System does not suit F051 2011 25 plastic footbath

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F050 2001 01</td>
<td>Economy sheep race comprising of:</td>
<td>£705.95</td>
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<tr>
<td></td>
<td>2 (no) 2480mm R/H economy sheeted hurdles</td>
<td>£104.53</td>
</tr>
<tr>
<td></td>
<td>2 (no) 2480mm L/H economy sheeted hurdles</td>
<td>£104.53</td>
</tr>
<tr>
<td>F050 2001 08</td>
<td>1 (no) economy guillotine gate</td>
<td>£113.57</td>
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<tr>
<td>F050 2002 08</td>
<td>1 (no) economy race joiner</td>
<td>£18.48</td>
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<tr>
<td>F050 2003 10</td>
<td>1 (no) economy drafting stop gate</td>
<td>£169.88</td>
</tr>
<tr>
<td>F050 2004 01</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F050 2005 01</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NB:** The Economy units are stand alone products and therefore are not compatible with any items within the heavy duty range.

---

**Sheep Foot Baths**

This unit, when complete, has a 6 rail swing gate in frame at one end with a meshed guillotine gate at the opposite end.

- These two items sit outside the bath (floor standing) and are connected to the 6 rail side hurdles using slotted lugs and coupling bars
- The side hurdle legs locate into the four corners of the bath for stability
- The footbath itself has expanded mesh welded into the base to open hooves for penetration of solution

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2030 01</td>
<td>Metal stand in foot bath complete</td>
<td>£813.89</td>
</tr>
<tr>
<td></td>
<td>Comprising of: 2 (no) F051 2800 30,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 (no) F051 2805 09, 1 (no) F051 2809 21,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 (no) F051 2017 30, 4 (no) F051 2018 03</td>
<td></td>
</tr>
<tr>
<td>F051 2017 30</td>
<td>Metal foot bath only</td>
<td>£286.61</td>
</tr>
<tr>
<td></td>
<td>3050mm long x 915mm wide</td>
<td></td>
</tr>
</tbody>
</table>

**NB:** Certain foot treatment products may cause the metal footbath to deteriorate in a short period of time.

- It is recommended that after use, the bath is washed out, emptied and stood on end to prevent any remaining water/solution mix lying in the bath when not in use.

**NB:** We can provide a plastic foot bath as an alternative (extra cost) for other application please note it does not fit our sheep footbath above.

---

**Drop In Rope Guide**

Design to slot into our race joiners and support posts, these are an ideal way of keep ropes and tools elevated and close to hand. Attach your guillotine gate rope to one of these and the release gate can be operated from anywhere along the working race.

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2825 03</td>
<td>To suit our 50 x 50 SHS support posts</td>
<td>£37.79</td>
</tr>
<tr>
<td>F051 2825 04</td>
<td>To suit our 40 x 40 SHS frame*</td>
<td>£34.75</td>
</tr>
</tbody>
</table>

*race joiners, drafting gates and gates in frames

---

**Plastic Footbath**

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2011 25</td>
<td>Plastic footbath - 2541 x 470 x 203mm</td>
<td>£238.64</td>
</tr>
</tbody>
</table>

---

**Sheep Handling - Components**

**Plastic Stand In Foot Bath**

- Designed to slot into our race joiners and support posts
- Metal stand in footbath complete
- 3050mm long x 915mm wide
- £109.95

**Plastic Footbath**

- Plastic footbath as an alternative (extra cost)
- £238.64

---

**Drop In Rope Guide**

- Design to slot into our race joiners and support posts
- Metal foot bath only
- 3050mm long x 915mm wide
- £113.57

**NB:**
- Certain foot treatment products may cause the metal footbath to deteriorate in a short period of time.
- It is recommended that after use, the bath is washed out, emptied and stood on end to prevent any remaining water/solution mix lying in the bath when not in use.
- We can provide a plastic foot bath as an alternative (extra cost) for other application please note it does not fit our sheep footbath above.
**Mechanical Lamb Weigher**

- Available with 100kg mechanical weigh head
- Dimensions:  
  External: 1235mm long x 545mm wide x 1000mm high  
  Internal: 1120mm long x 395mm wide x 770mm high

```
<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F047 2004 10</td>
<td>Mechanical lamb weigher c/w 100kg scale</td>
<td>£656.41</td>
</tr>
<tr>
<td>B122 0100 00</td>
<td>Replacement scale (100kg) for above</td>
<td>£174.11</td>
</tr>
<tr>
<td>B152 1001 60</td>
<td>Replacement wheel-lamb weigher each</td>
<td>£9.93 ea.</td>
</tr>
</tbody>
</table>
```

**Mechanical Sheep Weigher**

- Available with 200kg mechanical weigh head
- Dimensions:  
  External: 1530mm long x 650mm wide x 1100mm high  
  Internal: 1425mm long x 500mm wide x 870mm high

```
<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F047 2004 20</td>
<td>Mechanical lamb weigher c/w 200kg scale</td>
<td>£805.27</td>
</tr>
<tr>
<td>B122 0200 00</td>
<td>Replacement scale (200kg) for above</td>
<td>£241.43</td>
</tr>
<tr>
<td>B152 1001 60</td>
<td>Replacement wheel-lamb weigher each</td>
<td>£9.93 ea.</td>
</tr>
</tbody>
</table>
```

**Sheep Docking Crate**

- 1350mm long x 560mm wide x 1000mm high
- Quick acting dual rear gates
- Self locking yoke with 5 variable width settings from 50mm to 130mm maximum
- Yoke can be locked open to allow clear passage
- Drilled lugs allow the units to be incorporated into the heavy duty race system if required
- Opening side doors with top operated sliding bolt

```
<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F051 2817 10</td>
<td>Self Closing Docking Crate</td>
<td>£833.50</td>
</tr>
<tr>
<td>F051 2817 15</td>
<td>Wheels and Handles to suit</td>
<td>£45.42</td>
</tr>
</tbody>
</table>
```
Scanweigh is an electronic weighing crate which is supplied with a Gallagher 300kg load cell and a Gallagher W210 weighscale (see page 30). This Scanweigh has been designed to weigh animals very quickly and accurately.

The new unique stabilising system means accurate weighing no matter where the animal stands within the crate. Moving away from traditional “pull” weighing actions, the new design hugely reduces incorrect weight measurements as the position of the animal inside the crate is rendered irrelevant by the new design.

The quick action twin doors at the front and rear facilitate quick animal flow, minimal fuss in and out of the crate means less stress for the animals and less time spent gathering essential data.

The quick flow of animals through the crate is also assisted by the use of the Gallagher 250kg suspension load cell and W210 weighscale combination, the scale will take many readings per second and will give a very accurate weight when set to automatic, within seconds of the animal being inside the crate.

EID compatibility

The Scanweigh system is future proofed, being ready to use with EID equipment. One of the primary purposes of designing the crate with stockboard cladding was to enable the ability to add EID equipment at the point of weighing. The addition of an eartag reader, antenna panel and an upgraded weighscale (TW1 and TW3 are suitable for receiving data about eartags) will allow you to successfully scan EID tags whilst the animals are going into the crate. The unique design also makes it much more successful if you want to use a handheld eartag reader such as the HR5 as there is less steelwork causing interference between the tag and the reader itself, without having to compromise on strength or safety.

Why EID compatible?

DEFRA state since Dec 2014 that

- **You must identify your sheep and goats:**
  - **Within 6 months of birth if they’re housed overnight**
  - **Within 9 months of birth if they’re not housed overnight**
  - **Before you move them off their holding of birth if this is sooner**

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F047 2004 06</td>
<td>Scanweigh including cell only</td>
<td>£1184.18</td>
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<tr>
<td>F047 2004 07</td>
<td>Scanweigh including cell and W210</td>
<td>£1765.03</td>
</tr>
<tr>
<td>B123 0343 10</td>
<td>Optional scales to add to Scanweigh and cell only</td>
<td>£POA</td>
</tr>
<tr>
<td></td>
<td>W310 Indicator</td>
<td></td>
</tr>
</tbody>
</table>

Dimensions:
- External: 1210mm long x 545mm wide x 1094mm high
- Internal: 1150mm long x 395mm wide x 868mm high

See Pages 28-33 for compatible weighing and EID options.
IAE have used their vast experience in designing premium sheep handling systems, and have applied this knowledge into creating a trailed mobile sheep handling system. A simple deployment operation affords great speed and ease of use.

Handling capabilities are plentiful due to the ingenious modular design. Excellent build quality reliably manufactured in the UK, a wealth of features and a user friendly concept mean that this system, ideal for anybody wanting to reduce the effort required in many of today’s shepherding tasks, is a mobile system that can go wherever the animals are and be tailored to your needs.

Rapid Deployment

1. Park – Position the trailer in a suitable location
2. Drop – Unhitch from your vehicle and then tip the trailer forwards
3. Elevate – Lift the trailer using the quick hydraulic pump
4. Remove – Take the wheels off
5. Lower – Gently lower the race into position and remove draw bar
6. Deploy – Arrange the supplied hurdles to suit

The MST trailers are designed for off road use only and are not certified as road legal.
Mobile Sheep Handling

MST - A150 MK2  F051 2700 21 - A150 A MK2  £POA

- Handles approx 150 animals
- Drafting through 3 directions
- Quick hydraulic wheel lift, removal and deploy
- 900mm high race (1000mm standing height)
- Stockboard cladding (Bio-Secure, long lasting, EID friendly)
- Textured race floor for stability and simple cleaning
- Race construction that features no cross bracing above the race, which can cause sheep to baulk
- Gallaghers W210 weigh scale (AW150)
- Overall GVW - 950Kgs (AW150 MK2), 850Kgs (A150 MK2)

Refer to Page 108 for comparison table

MST - A300 MK2  F051 2700 22 - A300 A MK2  £POA

- Handles approx 300 animals
- Drafting through 3 directions (A300/AW300) + dual action gates in weigh box (AW300)
- Weighing floor section mounted on load cells (AW300)
- Gallaghers W210 weigh scale (AW300)
- Quick hydraulic wheel lift, removal and deploy
- 900mm high race (1000mm standing height)
- Stockboard cladding (Bio-Secure, long lasting, EID friendly)
- Textured race floor for stability and simple cleaning
- Race construction that features no cross bracing above the race, which can cause sheep to baulk
- Overall GVW - 1050Kgs

Refer to Page 108 for comparison table

MST - AW150 MK2  1000162 - AW150 A MK2  £POA

Upgraded version of A150

MST AW300 MK2  F051 2700 24 - AW300 A MK2  £POA

Upgraded version of A300.
The race is extended using special 915mm high hurdles (which will stand at 1000mm high to match the other hurdles when the base of the trailer is taken into account), clad with 6mm Stockboard giving strength, bio-security and less interference with EID reading equipment. The race itself is 3.9m long and is tapered (with a 490mm maximum internal dimension). The hurdles are manufactured from 38.1mm x 38.1mm SHS for robust longevity. Each trailer configuration can be specified with either a 570mm lift and swing guillotine gate or a 915mm swing gate in frame to suit user needs.

Three drop in stop gates along the race form the stopping points to control animal flow through the trailer. The front of the race features special shedding hurdles, also clad with 6mm Stockboard which enables drafting out of the front section of the trailer in 3 directions.

MST - A300 MK2 shown deployed

Weighing Upgrade

The MST core is upgraded in the MST – AW300 and MST - AW600 to include an electronic weigh floor linked to a (supplied) weighing load cell and Gallagher W210 indicator. Specially designed “S-Link” quick action twin gates are found in place of the drop in mesh gates around the drafting/weighing area, allowing swift animal flow into and out of the weight area. The drafting gates in this section are further upgraded to a special “double hinged” shedding design which allows drafting out of the weighing section unhindered.
MST - A600 MK2

- Handles approx 600 animals
- Drafting through 3 directions
- Quick hydraulic wheel lift, removal and deploy
- 900mm high race (1000mm standing height)
- Stockboard cladding (Bio-Secure, long lasting, EID friendly)
- Textured race floor for stability and simple cleaning
- Race construction that features no cross bracing above the race, which can cause sheep to baulk
- Overall GVW - 1240Kgs

MST - AW600 MK2

- Handles approx 600 animals
- Drafting through 3 directions + dual action gates in weigh box
- Weighing floor section mounted on load cells
- Gallaghers W210 weigh scale
- Quick hydraulic wheel lift, removal and deploy
- 900mm high race (1000mm standing height)
- Stockboard cladding (Bio-Secure, long lasting, EID friendly)
- Textured race floor for stability and simple cleaning
- Race construction that features no cross bracing above the race, which can cause sheep to baulk
- Overall GVW - 1240Kgs

MST - Aluminium Skid Hurdle

- Handles approx 600 animals
- Twin upgraded ‘5-link’ quick action twin gates in weight area (extra fast)
- Aluminium drop in stop gates
- Guillotine gate with rope & hook & aluminium drop gate
- 1830mm long aluminium hurdles, MST skid design
- 2135mm long steel hurdles, MST skid design clad with Stockboard (to extend race)
- Hurdle support legs
- Race joiner
- 915mm swing gate in frame
- 570mm Lift and swing guillotine gate

Comparision Table MST Sheep Trailers

<table>
<thead>
<tr>
<th>Products</th>
<th>A150 A</th>
<th>AW150 A</th>
<th>A300 A</th>
<th>A300 B</th>
<th>AW300 A</th>
<th>A300 B</th>
<th>A600 A</th>
<th>A600 B</th>
<th>AW600 A</th>
<th>AW600 B</th>
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<tr>
<td>Twin upgraded ‘5-link’ quick action twin gates in weight area (extra fast)</td>
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<td>1</td>
<td>1</td>
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<td>2</td>
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<td>Guillotine gate with rope &amp; hook &amp; aluminium drop gate</td>
<td>1</td>
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<td>1</td>
<td>1</td>
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<td>1</td>
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<tr>
<td>1830mm long aluminium hurdles, MST skid design</td>
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<td>20</td>
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<td>20</td>
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<td>40</td>
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<tr>
<td>2135mm long steel hurdles, MST skid design clad with Stockboard (to extend race)</td>
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<td>1</td>
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<td>1</td>
<td>1</td>
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</tr>
<tr>
<td>570mm Lift and swing guillotine gate</td>
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<td>1</td>
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</tr>
</tbody>
</table>
Special Projects

IAE provides an unbeatable advice service, the combination of outstanding practical and technical knowledge, manufacturing capabilities and abundant experience allows us to support you with any projects that have to be made to suit specific needs.
PORTABLE SHEEP FEEDING

Allowing animals to be fed wherever they are located. For use inside and out, keeping animal feed contained in one place.
Standard Sheep Circular Feeder

- 24 feed spaces
- 25mm x 25mm SHS horizontal rails
- 20mm o/d tube vertical rails at approx 328mm centres
- Comes in two sections joined by coupling rods

<table>
<thead>
<tr>
<th>Code</th>
<th>Dia (mm)</th>
<th>Height (mm)</th>
<th>Depth (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F035 2000 31</td>
<td>1600</td>
<td>905</td>
<td>290</td>
<td>£143.68</td>
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</tbody>
</table>

Diagonal Rail Sheep Circular Feeder

- 26 feed spaces
- 25mm x 25mm SHS horizontal rails
- 20mm o/d tube vertical rails at approx 210mm centres
- Comes in two sections joined by coupling rods

<table>
<thead>
<tr>
<th>Code</th>
<th>Dia (mm)</th>
<th>Height (mm)</th>
<th>Depth (mm)</th>
<th>Price</th>
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<tbody>
<tr>
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<td>1600</td>
<td>905</td>
<td>290</td>
<td>£185.44</td>
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</tbody>
</table>

Horned Sheep Circular Feeder

- 25mm x 25mm SHS horizontal rails
- 20mm o/d tube vertical rails
- Comes in two sections joined by coupling rods

<table>
<thead>
<tr>
<th>Code</th>
<th>Dia (mm)</th>
<th>Height (mm)</th>
<th>Depth (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F035 2000 32</td>
<td>1600</td>
<td>905</td>
<td>290</td>
<td>£147.04</td>
</tr>
</tbody>
</table>
Sheep Round Bale Feeder

- 30mm x 30mm SHS horizontal rails
- 30mm o/d tube vertical rails at approx 220mm centres

Horizontal Rail Rectangular Sheep Feeder

- Two corners bolted together and two corners connected with coupling bars
- 290mm deep welded sheeted base
- Supplied flat packed
- 25mm x 25mm SHS horizontal rails
- 20mm o/d tube vertical infill rails

Square Sheep Feeder

- Width narrows to 939mm minimum
- 250mm timber board to form skirting
- 30mm x 20mm RHS framework
- 20mm o/d tube vertical rails

Vertical Rail Rectangular Sheep Feeder

- 38 feed spaces
- Two corners bolted together and two corners connected with coupling bars
- 290mm deep welded sheeted base
- Supplied flat packed
- 25mm 25mm SHS horizontal rails
- 20mm o/d tube at 200mm approx centres

Sheep Feed Cradle

- Hinged gate at one end for ease of filling
- Supplied flat packed for ease of storage and delivery
- 40mm x 40mm angle frame with 25mm x 25mm SHS vertical rack bars at approx 210mm centres
- 25mm o/d tube fixed end vertical rails at 200mm approx centres

Corrugated Lid - Sheep Feed Cradle

- Hinged gate at one end for ease of filling
- Supplied flat packed for ease of storage and delivery
- 40mm x 40mm angle frame with 25mm x 25mm SHS vertical rack bars at approx 210mm centres
- 25mm o/d tube fixed end vertical rails at 200mm approx centres

Dia (mm) | Width (mm) | Height (mm) | Price
---|---|---|---
905 | 1625 | 1625 | £230.67

Code | Length (mm) | Width (mm) | Height (mm) | Price
---|---|---|---|---
F035 2004 04 | 1630 | 1525 | 1000 | £251.96

F035 2004 04 | 1630 | 1600 | 915 | £300.30

F035 2004 04 | 1645 | 1532 | 1100 | £331.13

F035 2008 01 | 2250 | 2250 | 625 | £256.94

F035 2008 03 | 2250 | 2250 | 625 | £202.40

F051 2004 03 | 2250 | 2250 | 625 | £202.40
Double Sided Lamb Creep Feeder

• 12 feed spaces - (1250mm)
• 24 feed spaces - (2440mm)
• 728mm wide lid
• Supplied with a pair of 254mm wheels x 25mm bore rubber tyre at one end and feeder stand at opposite end
• Fitted with Protex fastenings and lid catch

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Litres</th>
<th>Price</th>
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<td>2440</td>
<td>460</td>
<td>650</td>
<td>234</td>
<td>£399.47</td>
</tr>
</tbody>
</table>

Single Sided Lamb Creep Shelter

• Features full length adjustable creep aperture
• Removable feed hopper
• Supplied with four 254mm x 25mm bore rubber tyre wheels

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Litres</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F035 2001 04</td>
<td>1200</td>
<td>1200</td>
<td>900</td>
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<td>2440</td>
<td>1200</td>
<td>900</td>
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<td>£640.79</td>
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</tbody>
</table>

Square Lamb Creep Feeder

• 24 feed spaces
• Features unique easy exit lift up ladder design for safety (reduces instances of head trapping)
• Vertical feed bars are set at 112mm gaps (no width adjustments)
• Feed ladders have 3 adjustable height settings - 120mm, 195mm and 170mm
• Fitted with Protex fastenings and lid catch

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Litres</th>
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<td>845</td>
<td>850</td>
<td>160</td>
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</tr>
</tbody>
</table>
Sheep Hayrack on Wheels

- Double sided 76mm x 76mm hayrack
- Supplied with four 254mm x 25mm rubber bore tyre wheels
- Comes with Protex fastening and lid catch

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
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<tbody>
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<td>1250</td>
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<td>B152 1301 00</td>
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<td>£11.99</td>
</tr>
</tbody>
</table>

Hogg Feeder - 600kg

- Double sided bulk hoppers for ad lib feeding of concentrate rations
- Fully galvanized using pre galvanized sheet steel and hot dipped galvanized framework
- Fitted with adjustable feed flow control plates and adjustable telescopic legs
- Comes with pallet fork lifting points and four strong lifting hooks for easy relocation
- Fitted with a full length lockable hinged lid

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Litres</th>
<th>Price</th>
</tr>
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<tr>
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<td>2500</td>
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<td>990</td>
<td>980</td>
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</tbody>
</table>

Hook Over Calf/Sheep Hayracks

- 75mm x 75mm weldmesh and sheeted end panels
- Hook brackets welded on

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
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<tbody>
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</tbody>
</table>

Hook Over Sheep Trough

- 284mm wide x 123mm deep
- Hook brackets supplied loose for ease of carriage/storage

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Braces</th>
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<tr>
<td>F035 2006 31</td>
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</table>

Standard Sheep Feed Trough

- A quality sheep trough available in four lengths
- 284mm wide x 123mm deep

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Braces</th>
<th>Price</th>
</tr>
</thead>
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<tr>
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<td>915</td>
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<td>2745</td>
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<td>F035 2005 25</td>
<td>2745 Pack of 24</td>
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</table>
### Hook Over Calf/Sheep Hayracks
- 75mm x 75mm weldmesh and sheeted end panels
- Hook brackets welded on

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Depth (mm)</th>
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<td>240</td>
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<td>£75.78</td>
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</tbody>
</table>

### Wall Fitting Calf/Cattle Hayracks
- 152mm x 76mm weldmesh
- Fixing for use in calf creep pens
- Also available as hook over type (extra cost)
- Also available 75mm x 75mm weld mesh (extra cost)

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Depth (mm)</th>
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<td>610</td>
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<td>2440</td>
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<td>610</td>
<td>£152.92</td>
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</tbody>
</table>

Extra for 75 x 75mm weld mesh back per 305mm
Extra for making above hayracks hook over £8.04
£16.05

### Double Sided Meshed Haybasket
- Slots over divison panels
- Suitable for calf pens and lambing pens

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Depth (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>B107 0170 20</td>
<td>475</td>
<td>475</td>
<td>490</td>
<td>£10.95</td>
</tr>
</tbody>
</table>

### Hook Over Cattle Hayracks
- 75mm x 75mm weldmesh
- Sheet metal end panel

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Depth (mm)</th>
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<tr>
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<td>1835</td>
<td>540</td>
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<td>540</td>
<td>460</td>
<td>675</td>
<td>£120.75</td>
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</tbody>
</table>

### Double Sided Meshed Haybasket
- Slots over divison panels
- Suitable for calf pens and lambing pens

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Depth (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>B107 0170 20</td>
<td>475</td>
<td>475</td>
<td>490</td>
<td>£10.95</td>
</tr>
</tbody>
</table>
Wall Fitting Calf Trough

- 1.5mm thick galvanized steel
- Ideal for use in calf creep pens
- Fixing bolts are not included

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
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<th>Price</th>
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<td>2440</td>
<td>284</td>
<td>12</td>
<td>£111.07</td>
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</tbody>
</table>

Verti - Rack

A modular system allowing varying lengths of hayrack to be easily achieved using standard sections.

- Can be configured to be a hook over hayrack
- Comes with meshed back panel
- Can be configured to be a bolt to wall unit
- Vertical rails set at 77mm apart from the front section
- Allows feeding from all three sides
- Many different configuration options
- Supplied flat packed some self assembly is required
- Fittings to bolt product together are included but fittings to attach to the wall are not supplied

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Product</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>F030 2034 11</td>
<td>915</td>
<td>Hook Over (single section &amp; back panel)</td>
<td>£203.13</td>
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<tr>
<td>F030 2034 12</td>
<td>1830</td>
<td>Hook Over (single section &amp; back panel)</td>
<td>£301.54</td>
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<td>F030 2034 13</td>
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<td>Hook Over (two sections &amp; back panels)</td>
<td>£463.57</td>
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<tr>
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<td>3660</td>
<td>Hook Over (two sections &amp; back panels)</td>
<td>£561.98</td>
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<td>F030 2034 01</td>
<td>915</td>
<td>Bolt to Wall (single section)</td>
<td>£128.24</td>
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<tr>
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<td>Bolt to Wall (single section)</td>
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<td>Bolt to Wall (two sections)</td>
<td>£275.11</td>
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<td>F030 2034 04</td>
<td>3660</td>
<td>Bolt to Wall (two sections)</td>
<td>£329.48</td>
</tr>
</tbody>
</table>

Hook Over Calf/Sheep Trough

- Hook brackets supplied loose for ease of carriage and storage (bolt on)

Calf Feeder

- Capacity 240 litres
- 2 setting adjustable feed height
- Adjustable flow control
- 2mm pre-galvanized steel body

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
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</thead>
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<td>£33.14</td>
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<tr>
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<td>150</td>
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<tr>
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<td>305</td>
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<td>£33.14</td>
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<td>2745</td>
<td>305</td>
<td>150</td>
<td>£51.99</td>
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</table>
Cattle Water Trough - 457mm wide
Includes a drain plug and bung as standard

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Depth (mm)</th>
<th>Litres</th>
<th>Price</th>
</tr>
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<tr>
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<td>900</td>
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<td>F020 2001 04</td>
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<td>F020 2001 05</td>
<td>1500</td>
<td>457</td>
<td>405</td>
<td>272</td>
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<td>F020 2001 06</td>
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<td>327</td>
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<tr>
<td></td>
<td>Loose service box to suit above</td>
<td>Welded in service box</td>
<td></td>
<td></td>
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</tbody>
</table>

Sheep Water Trough - 457mm wide
Includes a drain plug and bung as standard

Large Capacity Troughs - 1200mm wide
Includes a drain plug and bung as standard

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
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<td>3660</td>
<td>1200</td>
<td>610</td>
<td>2724</td>
<td>£569.39</td>
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</table>

Both sizes include integral service box

Cattle Water Trough - 610mm wide
Includes a drain plug and bung as standard

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Depth (mm)</th>
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<td>Loose service box to suit above</td>
<td>Welded in service box</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Large Capacity Troughs - 1200mm wide
Includes a drain plug and bung as standard

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
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<td>457</td>
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<td>Loose service box to suit above</td>
<td>Welded in service box</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Service Box
- Tapered sides to prevent ball valve drop out (when using a 115mm float)
- Stronger design
- Suits 20 and 25mm ball valves including RXP Full Flow Valves (page 121)
- Supplied complete with 3 sets of mounting brackets
- Compliant with WRAS water supply regulations
High Backed Troughs - 730mm high back

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Depth (mm)</th>
<th>Litres</th>
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<td>£21.76</td>
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<td></td>
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</table>

<table>
<thead>
<tr>
<th>Code</th>
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<tr>
<td>F020 2004 03</td>
<td>900</td>
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<td>610</td>
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<tr>
<td>F020 2004 04</td>
<td>1200</td>
<td>610</td>
<td>610</td>
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<tr>
<td>F020 2004 06</td>
<td>1800</td>
<td>610</td>
<td>610</td>
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<tr>
<td>F020 2007 03</td>
<td></td>
<td></td>
<td></td>
<td>£21.76</td>
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Ball Valves

<table>
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<tr>
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<tbody>
<tr>
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<td>12mm high pressure c/w float</td>
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<tr>
<td>F020 2010 20</td>
<td>20mm low pressure c/w float</td>
<td>£21.32</td>
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</tbody>
</table>

Universal Drinker

Single Sided
- 9.87 litre capacity
- Supplied c/w ball valve

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Wide (mm)</th>
<th>Price</th>
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</thead>
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<tr>
<td>F020 2020 04</td>
<td>380</td>
<td>370</td>
<td>£71.46</td>
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</table>

Double Sided
- 9.87 litre capacity per side
- Supplied c/w ball valve

<table>
<thead>
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<th>Length (mm)</th>
<th>Wide (mm)</th>
<th>Price</th>
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</thead>
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<tr>
<td>F020 2020 05</td>
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Self Fill Water Bowls

Standard Pressed Bowl
- 2.54ltr

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<tr>
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</tbody>
</table>

Heavy Duty Cast Bowl
- 2.84ltr

<table>
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<th>Code</th>
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<tbody>
<tr>
<td>B165 0500 75</td>
<td>£65.70</td>
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</tbody>
</table>

‘Drink and Flip’ Swivel Water Trough

The troughs cover two main applications:
- Quick empty pivoting trough to allow regular cleaning
- Integrated directly into a gate or panel with shared access from both sides (when supplied without sheeted shroud)
- Swivel trough c/w sheeted shroud, to allow access to water from the scrape passage, but without hindering access for tractors etc, by offsetting the trough towards the bedded area.
- The shroud prevents cattle drinking from the bedded area as well as preventing emptied water drenching the bedding
- Low volume water trough
- Suitable for cattle/sheep lairage, beef/sheep feed units, abattoirs and livestock markets (loading docks and general penning)
- Available with and without shroud
Tipping/Quick Empty Water Troughs

The new Tipping and Quick Empty troughs, with reduced capacities, are intended to save water and ease trough cleaning whilst maintaining abundant water availability (when used in conjunction with a high flow float valve see page 121) In an age where water costs are growing, both financially and environmentally, efficient use of water is becoming ever more important. Tipping large amounts of water that dilutes slurry is also undesirable.

The hidden handle of the tipping trough allows for quick and easy emptying and cleaning, whilst remaining out of sight of curious animals. The tipping trough also features high quality HDPE bearings for smooth and reliable tipping as well as featuring a built in front protection rail to guard against barging animals and prevent trough damage. Unlike previous troughs, it is not necessary to move this rail in order to tip the trough. Surround and lid kits are also available for all lengths of tipping trough.

1 Hidden pop up handle
2 High quality pivot arrangement
3 Built in guard rail
4 Service Box included (anyhand)

Optional Extras for Water Troughs

Now also available with option of stainless steel trough and service box.
Water Troughs

Quick Empty Water Trough - (Free Standing)

Quick Empty Water Trough - (Wall Mounted)

Water Pipe Fittings Kits Quick Empty/Tipping Water Troughs

- Half kit is designed to fit from the service box to the pipe fixing bracket located next to the pivot of the trough (customer to provide own fittings after this point)
- Full kit is designed to fit from the service box through to the inlet water pipe. This kit fits both 25mm and 32mm inlet pipes
- The above kits require 12mm HP short stem ball valve and float assembly

20mm RXP Full Flow Valves

High flow float valve for use in Tipping, Quick Empty and standard IAE water troughs

- High flow rate (100-300 L/mm @ 1-10 Bar)
- Tough Acetal body
- Brass Arms
- Compatible with Float B101 0030 00

The Quick Empty trough is a more cost effective alternative to the Tipping Trough and features 'Gate' valve, tapered trough body and large diameter 100mm drain for swift emptying of the trough.
Aquamat II c/w suction kit

What is it?
Suitable for livestock, the Aquamat Pasture pump is a diaphragm pump which, when connected to a local watercourse, the animal will operate with its nose to dispense water into the bowl. The operation is so light to operate that it can be used by cattle, horses and calves.

How it works
Water in the bowl attracts the animal to try and drink, it quickly learns to push the lever out of its way to reach the water and the act of pushing the lever aside pumps water from the connected water course into the bowl. When the animal has drunk all of the water and pulls its head away this also pumps more water into the bowl therefore becoming the bait for the next animal to attract them to drink. Aquamat must always be more elevated than the water source.

- Smoothly operated mechanism
- Trough pure polyethylene
- Reliable and sturdy
- Comes with suction set
- 7000mm hose
- Brass and stainless steel strainer
- Fittings supplied

B165 4501 10 £310.50

Lac 5

- Cast iron bowl with constant water level, 5ltr capacity
- 6.5ltr/min at 3 bar
- Flat and quick drain plug

B165 4005 00 £88.34

Lac 10

- Synthetic bowl with constant water level, 5ltr capacity
- 8ltr/min at 3 bar
- Stainless steel cover
- Flat and quick drain plug

B165 4010 00 £57.32

Lac 55

- Double cast iron bowl with constant water level and stainless steel cover
- 6.5ltr/min at 3 bar
- Flat and quick drain plug

B165 4055 00 £117.40

Multi 220

- Drinking height 600mm
- Capacity 145ltrs
- Pure high density polyethylene drinker
- Easy cleaning: no nooks and crannies

B165 4901 00 £656.40

F 60

- Large cast iron drinking bowl with non-spill metal edge with brass 19mm valve
- 20ltr/min at 3 bar
- Jet breaker in the push-tube
- 6 fixing points
- Valve with built-in filter
- Drain plug

B165 4810 00 £146.35

F 25

- Non-spill rotomoulded HDPE bowl with all-around galvanized protection edge
- Jet breaker in the tub
- 18ltr/min at 3 bar
- Anyhand valve connection
- Drain plug

B165 4125 00 £128.79

F 40

- Large non-spill rotomoulded HDPE bowl with all-around galvanized protection edge
- 18ltr/min at 3 bar
- Anyhand valve connection
- Drain plug

B165 4140 00 £138.85

Feed Trough

- Polyethylene feeder
- 22ltr with an anti-waste edge

B165 4801 00 £59.29

Lac 55

- Double cast iron bowl with constant water level and stainless steel cover
- 6.5ltr/min at 3 bar
- Flat and quick drain plug

B165 4055 00 £117.40
GATES

Full range of farm gates for yard and field use.
Ashbourne - 7 Rail

- Box Section bracing for improved strength
- Top and bottom rails 43mm o/d tube
- Intermediate rails 29mm o/d tube
- 1143mm high
- Spring loaded sliding bolt fastening
- 50mm x 50mm SHS sleeved hanging stile
- Available from stock in a full range of sizes from 610 - 4880mm long

Now with Box bracing and sleeved eye positions

National Box End - 7 Rail

- Box section RHS bracing for improved strength
- Top and bottom rails 44.5mm o/d tube
- Intermediate rails 30mm o/d tube
- 1143mm high
- Spring loaded sliding bolt fastening
- 50mm x 50mm SHS sleeved hanging stile
- Available from stock in a full range of sizes.

Big Bar - 7 Rail

- Box section RHS bracing for improved strength
- Top and bottom rails 44.5mm o/d tube
- Heavier intermediate rails 35mm o/d tube
- 1143mm high
- Spring loaded sliding bolt fastening
- 50mm x 50mm SHS sleeved hanging stile
- Available in a full range of sizes
5 Rail Half Meshed

- Spring loaded slide bolt
- Clad 75mm mesh
- 44.5mm dia tube horizontal rails
- 30mm c/d intermediates

### Code | Length (mm) | Height (mm) | Price
---|---|---|---
F000 2039 05 | 1525 | 1143 | £64.51
F000 2039 06 | 1830 | 1143 | £70.97
F000 2039 07 | 2135 | 1143 | £76.28
F000 2039 08 | 2440 | 1143 | £83.24
F000 2039 09 | 2745 | 1143 | £89.50
F000 2039 10 | 3050 | 1143 | £91.13
F000 2039 11 | 3355 | 1143 | £100.45
F000 2039 12 | 3660 | 1143 | £104.27
F000 2039 13 | 3965 | 1143 | £116.31
F000 2039 14 | 4270 | 1143 | £118.95
F000 2039 15 | 4575 | 1143 | £122.61

- Other sizes are available
- Opposite handed gates + £17.00
- Odd size gates to be priced as next size up + £11.00

4 Rail Fully Mesh

- Keyhole/Pendulum bolt
- Box section hang/slam stile
- 44.5mm dia tube horizontal rails

### Code | Length (mm) | Height (mm) | Price
---|---|---|---
F000 2018 05 | 1525 | 1143 | £107.44
F000 2018 06 | 1830 | 1143 | £119.96
F000 2018 07 | 2135 | 1143 | £132.08
F000 2018 08 | 2440 | 1143 | £137.39
F000 2018 09 | 2745 | 1143 | £153.66
F000 2018 10 | 3050 | 1143 | £152.50
F000 2018 11 | 3355 | 1143 | £161.61
F000 2018 12 | 3660 | 1143 | £173.51
F000 2018 13 | 3965 | 1143 | £187.11
F000 2018 14 | 4270 | 1143 | £190.11
F000 2018 15 | 4575 | 1143 | £207.90

- Other sizes are available
- Opposite handed gates + £17.00
- Odd size gates to be priced as next size up + £11.00

6 Rail New Forde

- Hanging stile - 50 x 50mm
- Intermediate rails - 38mm
- Top and bottom rails - 48.3mm
- Pendulum sliding bolt

### Code | Length (mm) | Height (mm) | Price
---|---|---|---
F000 2053 05 | 1525 | 1143 | £85.41
F000 2053 06 | 1830 | 1143 | £98.51
F000 2053 07 | 2135 | 1143 | £106.39
F000 2053 08 | 2440 | 1143 | £117.17
F000 2053 09 | 2745 | 1143 | £125.08
F000 2053 10 | 3050 | 1143 | £128.73
F000 2053 11 | 3355 | 1143 | £137.14
F000 2053 12 | 3660 | 1143 | £144.61
F000 2053 13 | 3965 | 1143 | £153.90
F000 2053 14 | 4270 | 1143 | £166.01
F000 2053 15 | 4575 | 1143 | £173.42

- Other sizes are available

6 Rail Imperial

- Spring loaded slide bolt
- Box section hang stile
- 44.5mm dia tube horizontal rails

### Code | Length (mm) | Height (mm) | Price
---|---|---|---
F000 2015 05 | 1525 | 1143 | £159.48
F000 2015 06 | 1830 | 1143 | £135.59
F000 2015 07 | 2135 | 1143 | £108.53
F000 2015 08 | 2440 | 1143 | £99.99
F000 2015 09 | 2745 | 1143 | £84.56
F000 2015 10 | 3050 | 1143 | £70.97
F000 2015 11 | 3355 | 1143 | £69.02
F000 2015 12 | 3660 | 1143 | £67.56
F000 2015 13 | 3965 | 1143 | £65.51
F000 2015 14 | 4270 | 1143 | £64.30
F000 2015 15 | 4575 | 1143 | £63.07

- Other sizes are available

8 Rail Premier

- Spring loaded slide bolt
- Double bracing
- 44.5mm dia tube horizontal rails

### Code | Length (mm) | Height (mm) | Price
---|---|---|---
F006 2822 05 | 1525 | 1143 | £105.07
F006 2822 06 | 1830 | 1143 | £114.23
F006 2822 07 | 2135 | 1143 | £123.47
F006 2822 08 | 2440 | 1143 | £139.75
F006 2822 09 | 2745 | 1143 | £152.44
F006 2822 10 | 3050 | 1143 | £154.95
F006 2822 11 | 3355 | 1143 | £171.53
F006 2822 12 | 3660 | 1143 | £182.65
F006 2822 13 | 3965 | 1143 | £200.22
F006 2822 14 | 4270 | 1143 | £198.46
F006 2822 15 | 4575 | 1143 | £219.64

- Other sizes are available

5 Rail Cattleyard

- Keyhole/Pendulum sliding bolt
- Sleevd box section hang stile
- 44.5mm dia intermediate rails
- 48.3mm dia top/bottom rails

### Code | Length (mm) | Height (mm) | Price
---|---|---|---
F000 2053 05 | 1525 | 1143 | £125.31
F000 2053 06 | 1830 | 1143 | £135.59
F000 2053 07 | 2135 | 1143 | £126.75
F000 2053 08 | 2440 | 1143 | £135.12
F000 2053 09 | 2745 | 1143 | £139.75
F000 2053 10 | 3050 | 1143 | £141.49
F000 2053 11 | 3355 | 1143 | £145.98
F000 2053 12 | 3660 | 1143 | £149.48
F000 2053 13 | 3965 | 1143 | £153.12
F000 2053 14 | 4270 | 1143 | £159.48
F000 2053 15 | 4575 | 1143 | £163.48

- Other sizes are available
Post Prices- to suit 1143mm high gates

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F017 2002 10</td>
<td>88.9mm dia x 2000mm Long</td>
<td>£37.22</td>
</tr>
<tr>
<td>F017 2002 11</td>
<td>88.9mm dia Dual hang post hooks @ 180°</td>
<td>£47.31</td>
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<tr>
<td>F017 2002 16</td>
<td>88.9mm dia Hang post c/w inverted top hook</td>
<td>£42.90</td>
</tr>
<tr>
<td>F017 2002 20</td>
<td>88.9mm dia Slotted slam post</td>
<td>£34.28</td>
</tr>
<tr>
<td>F017 2002 21</td>
<td>88.9mm dia Dual slotted slam post slots @180°</td>
<td>£39.29</td>
</tr>
<tr>
<td>F017 2002 30</td>
<td>88.9mm dia D-Latch post</td>
<td>£38.34</td>
</tr>
<tr>
<td>F017 2003 10</td>
<td>114.3mm dia x 2000mm Long</td>
<td>£45.69</td>
</tr>
<tr>
<td>F017 2003 11</td>
<td>114.3mm dia Dual hang post hooks 180°</td>
<td>£52.83</td>
</tr>
<tr>
<td>F017 2003 16</td>
<td>114.3mm dia Hang post c/w inverted top hook</td>
<td>£50.01</td>
</tr>
<tr>
<td>F017 2003 20</td>
<td>114.3mm dia Slotted slam post</td>
<td>£42.77</td>
</tr>
<tr>
<td>F017 2003 21</td>
<td>114.3mm dia Dual slotted slam post slots @180°</td>
<td>£47.01</td>
</tr>
<tr>
<td>F017 2003 30</td>
<td>114.3mm dia D-Latch post</td>
<td>£46.95</td>
</tr>
</tbody>
</table>

Deer Gate - Fully Meshed

- Padlockable sliding bolt
- 75 x 75 x 4mm weldmesh

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F000 2035 05</td>
<td>1525</td>
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<tr>
<td>F000 2035 06</td>
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<td>1860</td>
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<td>F000 2035 07</td>
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<td>F000 2035 08</td>
<td>2440</td>
<td>1860</td>
<td>£200.35</td>
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<td>F000 2035 09</td>
<td>2745</td>
<td>1860</td>
<td>£214.15</td>
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<td>F000 2035 10</td>
<td>3050</td>
<td>1860</td>
<td>£242.76</td>
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<td>F000 2035 11</td>
<td>3355</td>
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<td>£257.61</td>
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<td>F000 2035 12</td>
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<td>£245.22</td>
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<td>F000 2035 13</td>
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<td>1860</td>
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<td>F000 2035 14</td>
<td>4270</td>
<td>1860</td>
<td>£288.84</td>
</tr>
<tr>
<td>F000 2035 15</td>
<td>4575</td>
<td>1860</td>
<td>£316.65</td>
</tr>
</tbody>
</table>

- Other sizes are available
- Odd size gates to be priced as next size up + £11.00

Kissing Gate

- Height -1100mm - 1200mm, maximum in the fenceline
- 1700mm, width across the hoops 1200mm, gate dimensions 1000mm high x 700mm wide
- H-Frame provides rigidity and ease of installation
- The gate self closes and latch automatically developed for where space is limited

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F010 2016 03</td>
<td></td>
<td>£365.00</td>
</tr>
</tbody>
</table>
## Gates

### Fully Meshed Lagoon
- Clad with 50 x 50 x 4mm weldmesh
- Comes with extensions for barbed wire
- Gate 40 x 40mm box section
- Comes with a lockable sliding bolt
- Hanging stile - 50 x 50mm box
- Clad with 50 x 50 x 4mm weldmesh

### Barrier Gate
- Suitable for closing off vehicle access
- Padlockable sliding bolt
- Sleeved hanging stile as standard
- Gate 40 x 40mm box section
- Comes with a lockable sliding bolt
- Hanging stile - 50 x 50mm box

### Wheeled Cattle Hurdle
- C/w hook and chain fastenings

### Department of Transport Gates
IAE manufacture the full range of DOT gates to the highways specification details H17, H18, H19 and H20.

### H20-6 Rail

### H18-Single Leaf Mesh Gate
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Hinge hooks on square drilled plates</td>
<td>F016 0311 20</td>
<td>£14.75</td>
</tr>
<tr>
<td></td>
<td>20mm dia - F016 0311 20 - £14.75</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>25mm dia - F016 0311 25 - £20.43</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>D latch socket on drilled plate</td>
<td>B106 0060 00</td>
<td>£9.44</td>
</tr>
<tr>
<td>3</td>
<td>Slotted plate bolt receiver</td>
<td>F016 2003 02</td>
<td>£4.90</td>
</tr>
<tr>
<td>4</td>
<td>Loop bolt receiver on drilled plate</td>
<td>F016 2003 01</td>
<td>£6.99</td>
</tr>
<tr>
<td>5</td>
<td>Hook to Drive - 20mm dia</td>
<td>B107 0420 00</td>
<td>£4.32</td>
</tr>
<tr>
<td>6</td>
<td>Hinged hooks on full length drilled plates</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Various types available - EPOA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Hinged hooks on vertical drilled plates</td>
<td>F016 0010 20</td>
<td>£14.57</td>
</tr>
<tr>
<td></td>
<td>20mm dia - F016 0010 20 - £14.57</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>25mm dia - F016 0310 25 - £26.86</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Heavy duty drop over frame</td>
<td>F016 2001 02</td>
<td>£34.69</td>
</tr>
<tr>
<td>9</td>
<td>Sliding type gate frame</td>
<td>F016 2001 03</td>
<td>£55.97</td>
</tr>
<tr>
<td>10</td>
<td>Simple drop over frame</td>
<td>F016 2001 01</td>
<td>£14.53</td>
</tr>
<tr>
<td>11</td>
<td>20mm H/hook on 20mm shank (to suit 200mm thick wall/post) each</td>
<td>B107 0320 '10</td>
<td>£6.45</td>
</tr>
<tr>
<td>12</td>
<td>Hinged hooks on L/hand angle drilled plates</td>
<td>F016 0317 20</td>
<td>£22.82</td>
</tr>
<tr>
<td></td>
<td>20mm dia - F016 0317 20 - £22.82</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>25mm dia - F016 0317 25 - £29.26</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Bolt on drop bolt</td>
<td>F016 2002 01</td>
<td>£14.09</td>
</tr>
<tr>
<td></td>
<td>- to suit 50 x 50mm or 40 x 40mm stiles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Bolt on padlockable drop bolt</td>
<td>F016 2002 03</td>
<td>£33.02</td>
</tr>
<tr>
<td></td>
<td>- to suit 50 x 50mm stiles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Clamp on drop bolt</td>
<td>F016 2002 02</td>
<td>£22.40</td>
</tr>
<tr>
<td></td>
<td>- to suit 50 x 25mm stiles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>20mm H/hook on 20mm shank (to suit 250mm thick wall/post) each</td>
<td>B107 0320 '12</td>
<td>£9.77</td>
</tr>
<tr>
<td>17</td>
<td>Hinged hooks on R/hand angle drilled plates</td>
<td>F016 0315 20</td>
<td>£22.82</td>
</tr>
<tr>
<td></td>
<td>20mm dia - F016 0315 20 - £22.82</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>25mm dia - F016 0315 25 - £29.26</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Padlockable heavy duty drop over frame</td>
<td>F016 2001 20</td>
<td>£38.77</td>
</tr>
<tr>
<td></td>
<td>- c/w peg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Hold back chain assembly</td>
<td>F016 2003 03</td>
<td>£18.32</td>
</tr>
<tr>
<td>20</td>
<td>Bolt on wheel</td>
<td>F016 2006 01</td>
<td>£52.46</td>
</tr>
<tr>
<td>21</td>
<td>Hinge hooks to weld - flat back self colour</td>
<td>F016 2038 '10</td>
<td>£4.03</td>
</tr>
<tr>
<td></td>
<td>20mm dia - F016 2038 '10 - £4.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Hinge hooks to weld - radius back self colour</td>
<td>F016 2038 '12</td>
<td>£5.61</td>
</tr>
<tr>
<td></td>
<td>20mm dia - F016 2038 '12 - £5.61</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Gate Options

Swing opening and sliding doors are available with all necessary fixing or running gear and are supplied with full sheet or with timber battens to facilitate Yorkshire boarding on site. Other cladding also available upon request. All sizes are made to measure. (Weather hooding is also available)

- 50 x 50mm box section frame
- keyhole/pendulum sliding bolt
- 50 x 30mm box section infills and sleeved hanging stile

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Height (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F011 2002 05</td>
<td>1525</td>
<td>1270</td>
<td>£203.67</td>
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<tr>
<td>F011 2002 06</td>
<td>1830</td>
<td>1270</td>
<td>£229.37</td>
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<tr>
<td>F011 2002 07</td>
<td>2135</td>
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<td>£246.95</td>
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<td>F011 2002 08</td>
<td>2440</td>
<td>1270</td>
<td>£263.08</td>
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<td>F011 2002 09</td>
<td>2745</td>
<td>1270</td>
<td>£280.09</td>
</tr>
<tr>
<td>F011 2002 10</td>
<td>3050</td>
<td>1270</td>
<td>£276.93</td>
</tr>
<tr>
<td>F011 2002 11</td>
<td>3355</td>
<td>1270</td>
<td>£307.14</td>
</tr>
<tr>
<td>F011 2002 12</td>
<td>3660</td>
<td>1270</td>
<td>£322.94</td>
</tr>
<tr>
<td>F011 2002 13</td>
<td>3965</td>
<td>1270</td>
<td>£339.92</td>
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<tr>
<td>F011 2002 14</td>
<td>4270</td>
<td>1270</td>
<td>£356.51</td>
</tr>
<tr>
<td>F011 2002 15</td>
<td>4575</td>
<td>1270</td>
<td>£373.36</td>
</tr>
</tbody>
</table>

- Other sizes/heights are available
- Odd size gates to be priced as next size up + £11.00 (length only not height)

Used where minimum gaps are required - will allow door to open 180°, ideal when doors hang in a long run

NB Lindaptor type hinges cannot be used for this arrangement
Continental Gates and Panels
Designed specifically for handling and penning duties, this range of exceptionally heavy duty gates and panels, in a choice of heights and rail numbers to suit a variety of uses.

5 Rail Continental

- 50 x 50mm box section hang and slam stiles
- 48.3mm dia tube horizontals
- 38mm dia tube vertical infillers for maximum strength
- Sleeved hanging stiles
- Supplied with built in sliding bolt as standard

Posts
We offer a range of hanging and slamming posts to suit all of our gates, available in either tubular or square section.

Special posts such as dual hanging/slam posts are also available to order.

<table>
<thead>
<tr>
<th>Rail No.</th>
<th>Height (mm)</th>
<th>Hang Height (mm)</th>
<th>Typical Use</th>
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</thead>
<tbody>
<tr>
<td>3</td>
<td>995</td>
<td>1525</td>
<td>Housing dairy cattle</td>
</tr>
<tr>
<td>4</td>
<td>1135</td>
<td>1525</td>
<td>Penning bull beef cattle housing where extra ground clearance is required</td>
</tr>
<tr>
<td>5</td>
<td>1270</td>
<td>1525</td>
<td>General purpose stockyard and handling facilities</td>
</tr>
<tr>
<td>6</td>
<td>1575</td>
<td>1830</td>
<td>Holding pens where extra height is required</td>
</tr>
<tr>
<td>7</td>
<td>1830</td>
<td>1525</td>
<td>Multi purpose cattle/sheep/calf - includes 3 (No) 33.7mm dia rails</td>
</tr>
</tbody>
</table>

Contact the Sales Office for further information and prices.
IAE have two standard designs of tree guards available.

**Longnor Tree Guard**
- 1900mm high x 820/1060mm diameter flared top design.

**Consall Tree Guard**
- 1200mm high x 1260mm diameter 5-rail design.

During the Victorian age, Estate fencing was probably the most common fencing erected on country estates. It has the strength to contain cattle without being visually obtrusive on the landscape. This classic, stylish fence has proved its versatility, being used on developments in urban areas as well as more traditional rural applications. Estate fencing is a continuous bar 5 rail fence system supplied loose in 5000mm long sections for erection on site. The overall height is 1200mm comprising of a 20mm top horizontal rail and 4 lower RSF flat rails. Supplied in a standard galvanized finish to BS EN ISO 1461 the fence is supplied with all necessary clips and screws.

**Gates - Estate Fencing**

**Tree Guards**

Photo shows Longnor Tree Guard

IAE have two standard designs of tree guards available.

**Longnor Tree Guard**
- 1900mm high x 820/1060mm diameter flared top design.

**Consall Tree Guard**
- 1200mm high x 1260mm diameter 5-rail design.

**Single Leaf Gate**
- Height - 1200mm
- Height above ground - 1280mm
- Standard Size 1200mm
- Made to Order Sizes 900mm, 2000mm, 3000mm, 3600mm

**Double Leaf Gate**
- Height - 1200mm
- Height above ground - 1280mm
- Made to Order Sizes 3000mm, 4000mm, 5000mm
IAE’s Fencing Division are the UK’s leading manufacturer and supplier of steel railings and mesh fencing systems. We offer standard railings including bow top and vertical bar as well as manufacturing to architects and clients requirements.

Our mesh range includes our popular perimeter fencing Vmex® V3 which is also ideal around slurry lagoons or similar on the farm. Where additional security is required we can offer numerous alternatives so please visit our website or contact the fencing sales team.

### Panels

<table>
<thead>
<tr>
<th>Heights</th>
<th>1200, 1800, 2000, 2400, 3000mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire Diameter</td>
<td>4mm verticals, 5mm horizontals</td>
</tr>
<tr>
<td>Aperture Size</td>
<td>200 x 50mm</td>
</tr>
<tr>
<td>Panel Width</td>
<td>3005mm (2400mm high)</td>
</tr>
<tr>
<td></td>
<td>2805mm (3000mm high)</td>
</tr>
</tbody>
</table>

### Posts

<table>
<thead>
<tr>
<th>Post Size</th>
<th>60 x 60 SHS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post Centres</td>
<td>3030mm (1200 - 2400mm high)</td>
</tr>
<tr>
<td></td>
<td>2805mm (3000mm high)</td>
</tr>
</tbody>
</table>

### Finish

Galvanized and polyester powder coated to BS 1722 Pt. 16.

- Compliant to BS 1722 Pt. 14
- Available from stock
- Base-plated post option from stock
- M8 security fixings
- Choice of RAL colours available

### Gates

The IAE Vmex® V3 system can be complimented with single or double leaf gates. A heavy-duty pad-lockable sliding latch and drop bolts are fitted as standard with other locking options available on request. Stock gates come in the form of the IAE Universal gate system. With other sizes available on a made to order basis.
IAE are licenced manufacturers of the 360 Freedom Farrower™. The perfect solution for pig producers who care about animal welfare. Further details available at www.dalgetysystems.com

MISCELLANEOUS

Pig Equipment, Dog Penning, Food Storage, Yard Scraper.
Vertical Railed Pig Gates

• Sheeted with 1.5m flat galvanized steel sheet
• Complete with 45° sliding bolt and 2 adjustable eyes

<table>
<thead>
<tr>
<th>Product</th>
<th>Height (mm)</th>
<th>Hang (mm)</th>
<th>Gaps (mm)</th>
<th>Kg</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>Boar Gate</td>
<td>1300</td>
<td>1380</td>
<td>128</td>
<td>N/A</td>
<td>EPOA</td>
</tr>
<tr>
<td>Sow Gate</td>
<td>1000</td>
<td>1150</td>
<td>128</td>
<td>90</td>
<td>EPOA</td>
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<tr>
<td>Fattener Gate</td>
<td>1000</td>
<td>1100</td>
<td>100</td>
<td>35-100</td>
<td>EPOA</td>
</tr>
<tr>
<td>Weaner Gate</td>
<td>800</td>
<td>900</td>
<td>75</td>
<td>15-35</td>
<td>EPOA</td>
</tr>
</tbody>
</table>

Pig Hoppers - Weaner Feeder

• 0.8mm sheet with 2mm end

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
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</tr>
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<tbody>
<tr>
<td>F065 2051 04</td>
<td>1220</td>
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Pig Hoppers - Grower Porker

<table>
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</tr>
</thead>
<tbody>
<tr>
<td>F065 2052 06</td>
<td>1830</td>
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</table>

Fully Sheeted Pig Gates

<table>
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<tr>
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<th>Height (mm)</th>
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</thead>
<tbody>
<tr>
<td>Sheeted Gates</td>
<td>1270</td>
<td>1370</td>
<td>EPOA</td>
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</table>

Standard Pig Trough - Water tight

<table>
<thead>
<tr>
<th>Code</th>
<th>Length (mm)</th>
<th>Width (mm)</th>
<th>Depth (mm)</th>
<th>Braces</th>
<th>Price</th>
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<tr>
<td>F065 2070 03</td>
<td>915</td>
<td>254</td>
<td>152</td>
<td>2</td>
<td>£29.49</td>
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<tr>
<td>F065 2070 06</td>
<td>1830</td>
<td>254</td>
<td>152</td>
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<tr>
<td>F065 2070 09</td>
<td>2745</td>
<td>254</td>
<td>152</td>
<td>8</td>
<td>£57.82</td>
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</table>

Clean Water Pig Drinking Troughs

<table>
<thead>
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<th>Code</th>
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<th>Depth (mm)</th>
<th>Braces</th>
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<tbody>
<tr>
<td>F065 2060 04</td>
<td>1220</td>
<td>457</td>
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<td>F065 2060 06</td>
<td>1830</td>
<td>457</td>
<td>265</td>
<td>4</td>
<td>£122.92</td>
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<tr>
<td>F065 2060 08</td>
<td>2440</td>
<td>457</td>
<td>265</td>
<td>6</td>
<td>£157.81</td>
</tr>
</tbody>
</table>

Loose service box to suit above EPOA
IAE’s Range Of Dog Pen Fronts And Side Panels

- 1840mm high to conform with all Environmental Health Model Licence Agreements
- 75mm gaps on vertical bars to conform with Industry Standard for medium to large breeds. There are different recommendations for puppies or where security dogs are being housed
- Various panel lengths available, to meet Model Licence Agreements for pen sizes for different dog sizes
- 50mm leg for easy clean out
- Doors open inwards for operator safety and to meet the Model Licence Agreement Recommendations
- 625mm wide door opening
- Industry leading 8mm bar, central support prevents bar separation

**Example Pens - created from the above fronts and sides**

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F084 2000 05</td>
<td>1500mm long dog pen front panel c/w gate</td>
<td>£132.05</td>
</tr>
<tr>
<td>F084 2000 06</td>
<td>2000mm long dog pen front panel c/w gate</td>
<td>£152.14</td>
</tr>
<tr>
<td>F084 2001 05</td>
<td>1500mm long dog pen side/back panel</td>
<td>£82.98</td>
</tr>
<tr>
<td>F084 2001 06</td>
<td>2000mm long dog pen side/back panel</td>
<td>£102.47</td>
</tr>
<tr>
<td>F084 2001 07</td>
<td>1000mm long dog pen side/back panel</td>
<td>£65.69</td>
</tr>
<tr>
<td>F084 2010 01</td>
<td>Bolt down foot</td>
<td>£5.70</td>
</tr>
<tr>
<td>F084 2011 01</td>
<td>Roof bracket</td>
<td>£9.68</td>
</tr>
</tbody>
</table>

Foot support brackets allow you to bolt panels to the floor and cope with small changes in floor levels.
**Food Storage**

- Manufactured from pre galvanized sheet with pressed creases for extra strength
- Units all 640mm wide x 900mm high (back) x 841mm high (front)
- Tapered for ease of storage
- Fitted with 50mm long lid butt hinges
- Fitted with 230mm long folding stays to hold lid open
- Fitted with 2 Protex lid catches

- 420 litres - plain bin
- 800mm long x 640mm wide x 900mm high

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F030 2035 01</td>
<td>Single bin</td>
<td>£171.32</td>
</tr>
<tr>
<td>F030 2035 02</td>
<td>c/w 1 partition (2 sections)</td>
<td>£193.95</td>
</tr>
</tbody>
</table>

**Corn Bin - (Single Bin Shown)**

**Corn Bin - (2 Section Shown)**

- 630 litres - one partition
- 1200mm long x 640mm wide x 900mm high

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>F030 2035 04</td>
<td>c/w 1 partition (2 sections)</td>
<td>£226.84</td>
</tr>
<tr>
<td>F030 2035 05</td>
<td>c/w 2 partitions (3 sections)</td>
<td>£249.92</td>
</tr>
</tbody>
</table>

**Corn Bin - (3 Section Shown)**

- 840 litres - two partitions
- 1600mm long x 640mm wide x 900mm high

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F030 2035 07</td>
<td>c/w 1 partition (2 sections)</td>
<td>£264.20</td>
</tr>
<tr>
<td>F030 2035 08</td>
<td>c/w 2 partitions (3 sections)</td>
<td>£287.24</td>
</tr>
<tr>
<td>F030 2035 09</td>
<td>c/w 3 partitions (4 sections)</td>
<td>£309.87</td>
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</table>

**Cattle Grids**

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Width (mm)</th>
<th>Depth (mm)</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F080 2010 10</td>
<td>10 Tonne Capacity Dist. Wt</td>
<td>3000</td>
<td>2600</td>
<td>£873.55</td>
</tr>
<tr>
<td>F080 2010 20</td>
<td>20 Tonne Capacity Dist. Wt</td>
<td>3600</td>
<td>2600</td>
<td>£1392.59</td>
</tr>
<tr>
<td>F080 2010 30</td>
<td>30 Tonne Capacity Dist. Wt</td>
<td>4050</td>
<td>2600</td>
<td>£2059.03</td>
</tr>
<tr>
<td>F080 2010 40</td>
<td>40 Tonne Capacity Dist. Wt</td>
<td>4500</td>
<td>2600</td>
<td>£2696.31</td>
</tr>
</tbody>
</table>

**NB.** The stated capacities rely on correctly installed and positioned support walls. Installation details are supplied prior to despatch of any grid we sell.
Latch Handle Operates
Blade Mechanism from Cab

Dedicated Lifting Points

High Specification Frame

A-Frame/Quick Hitch Compatible

Tractor Link Pins Included

Spring Loaded Double
Locking Mechanism

50mm Solid Rubber Blade

Galvanized Blade
Mounting Brackets

Conversion plate (extra charge)

Safety locking pin
Disables mechanism when not in use.

Yard Scraper
X180
F080 2006 08 £1107.71

The toughest and most durable scraper manufactured by IAE, the proven X180 was the first widely available galvanized yard scraper and remains ever popular. Featuring heavy duty construction, durable 50mm rubber blade produced from high grade, hard wearing rubber, easy operation cab release and Cat. 1,2 and “A Frame” compatibility. Adjustable width (1830mm, 2075mm, 2305mm nominal) and suitable for push/pull operation.

- Variable width blade adjusts to 3 positions from 1830mm - 2305mm nominal
- Reversible - pull/push scraping
- Heavy duty rubber blade
- Easy pull catch turns scraper blade over from tractor seat
- Fits cat 1 & 2 three point linkage
- A-Frame/Quick hitch compatible
- Galvanized body, frame and blade mounting channels for longer life
- Durable, high specification, fully welded frame
- Spring assisted double latch system, easily released under load
- Easy transition from push to pull
- +/-3 degree of float
- Heavy duty pivot tube design
- Tractor link pins supplied
- CE Marked
The roundhouse design uses modern technology and materials to create a unique building which not only optimises animal welfare but significantly reduces operational costs. The building can easily be managed by a single operative where safe to do so. Movement of livestock inside the building is virtually stress free, within an environment comfortable for both handler and animal.
IAE have been manufacturing stables for over 25 years. During this time we have designed and manufactured many types of stabling, special layouts and differing designs, as well as being pleased to be associated with many projects at numerous prestigious racecourses.

Using this experience we have consolidated the best and most practical concepts from our previous designs to produce the Moorland range of stabling and accessories. The latest manufacturing technology and techniques are applied, then your stables will be finished to a high standard and galvanized in our own in-house galvanizing plant to BS EN ISO 1461.

We have rationalised our previous Equestrian product ranges to form the Moorland stabling range to enable us to encompass the core strengths of IAE. Your Moorland stable will be “built to last”, with an eye for safety and design whilst maintaining value for money.

The Moorland stabling range can accommodate a fall of 50mm across fronts or partitions if necessary and you can easily achieve stable layouts that are bespoke by using our high quality standard panels in conjunction with our unique "Magic bracket" (page 143).

Please speak to one of the sales team if you need assistance with the Moorland stabling range or to help you design your layout.

We are pleased to be associated with projects at the following racecourses.
Infill options:
Untreated Softwood or Solid Plastic

Why Plastic?

- Low maintenance
- Durable/insulating
- Rot and weather proof
- Can be recycled
- Lowering your carbon footprint for your project
- Available in brown

34mm thick tongue and groove softwood boards
Machine planed
High quality untreated board

- Stable fronts are available with bottom swing door only, anti-weave sliding door or full height anti-weave swing door. Sizes available 2970mm post centres, 3570mm post centres, 4170mm post centres.
- Stables are supplied in kit form and require assembly on site
- Universal any hand swing doors. Factory supplied left hand, bolt on fittings allow for easy conversion to right hand
- Stable partitions available with grille top, fully boarded or talke grille. Sizes available 2970mm post centres, 3570mm post centres, 4170mm post centres
- 34mm thick tongue and groove boards are available in either untreated softwood or brown recycled solid plastic
- If required, the Moorland Range of stabling can accommodate a fall of up to 50mm. Stable across the front and partition (additional fittings required)

Special seven sided safe edged horizontal rail to eliminate any possible injuries to horse and handler
70 x 70mm posts
34mm thick tongue and groove board in softwood or brown solid recycled plastic
25mm vertical rails (50mm gap)
Front Options
Moorland front with bottom swing door, panel and 2(no) posts

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F093 2002 11</td>
<td>2970mm post ctrs plastic</td>
<td>£704.97</td>
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<tr>
<td>F093 2002 12</td>
<td>3570mm post ctrs plastic</td>
<td>£812.05</td>
</tr>
<tr>
<td>F093 2002 13</td>
<td>4170mm post ctrs plastic</td>
<td>£905.41</td>
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<tr>
<td>F093 2002 01</td>
<td>2970mm post ctrs softwood</td>
<td>£605.62</td>
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<tr>
<td>F093 2002 02</td>
<td>3570mm post ctrs softwood</td>
<td>£688.34</td>
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<td>F093 2002 03</td>
<td>4170mm post ctrs softwood</td>
<td>£767.11</td>
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</table>

Code Product Information Price
F093 2002 81 End Post £58.59
Post to finish run

Moorland front with full height anti-weave swing door, panel and 2(no) posts

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F093 2003 14</td>
<td>2970mm post ctrs plastic</td>
<td>£788.56</td>
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<tr>
<td>F093 2003 15</td>
<td>3570mm post ctrs plastic</td>
<td>£894.36</td>
</tr>
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<td>F093 2003 16</td>
<td>4170mm post ctrs plastic</td>
<td>£979.82</td>
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<tr>
<td>F093 2003 11</td>
<td>2970mm post ctrs softwood</td>
<td>£684.35</td>
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<td>F093 2003 13</td>
<td>4170mm post ctrs softwood</td>
<td>£850.23</td>
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</table>

Code Product Information Price
F093 2002 81 End Post £58.59
Post to finish run
Front Options

Moorland front with anti weave sliding door, panel and 2(no) posts

Softwood has been painted with Heritage Green paint by others

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
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<td>F093 2002  32</td>
<td>3570mm post ctrs plastic</td>
<td>£1012.85</td>
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<tr>
<td>F093 2002  33</td>
<td>4170mm post ctrs plastic</td>
<td>£1106.55</td>
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<td>2970mm post ctrs softwood</td>
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<td>£957.07</td>
</tr>
<tr>
<td>F093 2002  81</td>
<td>End Post</td>
<td>£58.59</td>
</tr>
</tbody>
</table>

To allow for the cutting down of panels on site.

Swivel Feeder - plastic trough

Magic bracket /pair

To suit front of bottom swing door and anti weave swing door 1125mm wide x 465mm high.

Anti-weave infill panel

Optional Extras

Softwood Infill £173.71
Plastic Infill £175.69

£9.21
£7.79
£28.80
**Moorland talk grille partition**

*Partition includes post*

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Information</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F093 2003 04</td>
<td>2970mm post ctrs plastic</td>
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<tr>
<td>F093 2003 02</td>
<td>3570mm post ctrs plastic</td>
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<td>F093 2003 06</td>
<td>4170mm post ctrs plastic</td>
<td>£857.45</td>
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<tr>
<td>F093 2003 03</td>
<td>2970mm post ctrs softwood</td>
<td>£554.01</td>
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<td>F093 2003 01</td>
<td>3570mm post ctrs softwood</td>
<td>£653.49</td>
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<tr>
<td>F093 2003 05</td>
<td>4170mm post ctrs softwood</td>
<td>£695.29</td>
</tr>
</tbody>
</table>

940mm long talk grille can be positioned anywhere along the top section of the partition.

**Corner Door Options**

The corner door is supplied with a hanging post, slamming post, door brace and top lintel.

**Moorland stable corner bottom swing door c/w 2 (no) posts**

<table>
<thead>
<tr>
<th>Code</th>
<th>Infill</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F093 2002 91</td>
<td>Softwood</td>
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</tr>
<tr>
<td>F093 2002 92</td>
<td>Plastic</td>
<td>£463.96</td>
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</table>

**ALSO AVAILABLE**

Moorland Stable corner full height anti-weave swing door c/w 2(no) posts

<table>
<thead>
<tr>
<th>Code</th>
<th>Infill</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>F093 2002 93</td>
<td>Softwood</td>
<td>£497.00</td>
</tr>
<tr>
<td>F093 2002 94</td>
<td>Plastic</td>
<td>£556.63</td>
</tr>
</tbody>
</table>
Moorland External Split Door in Frame
Suits a gap of 1305mm wide x 2320mm high

Moorland Tack Room Door In Frame
Suits a gap of 970mm wide x 2320mm high

5 LEVER MORTICE DEADLOCK
Recommended by most insurance companies as their preferred standard.
BS 3621: 2007

<table>
<thead>
<tr>
<th>Code</th>
<th>Infill</th>
<th>Price</th>
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<tbody>
<tr>
<td>F093 2003 42</td>
<td>Softwood</td>
<td>£629.35</td>
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<tr>
<td>F093 2003 43</td>
<td>Plastic</td>
<td>£715.13</td>
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</table>

Moorland Tack Room Front
Comprising of full height lockable swing door, panel and 2(no) Posts

Moorland External Boarded Window Hatch
External boarded window hatch to suit a 915mm square gap

<table>
<thead>
<tr>
<th>Code</th>
<th>Infill</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>F093 2003 21</td>
<td>3570mm post ctrs softwood</td>
<td>£917.43</td>
</tr>
<tr>
<td>F093 2003 22</td>
<td>3570mm post ctrs plastic</td>
<td>£1112.23</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
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<th>Price</th>
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</thead>
<tbody>
<tr>
<td>F093 2003 44</td>
<td>Plastic</td>
<td>£316.75</td>
</tr>
</tbody>
</table>
IAE’s Moorland Stables are easy to order

1. Plan your layout. 2. Select your Stable Size. 3. Select your Door Type. 4. Select your Partition. 5. Select your Board Type. 6. Place your Order

A few typical layouts are shown but if you require any help with your stable arrangement please call 01782 339320.

Arrangement A3 - Swing Door Stables, plastic boards and half grille partitions

- Stable Arrangement A3
  - Swing Door Stable

Price example for 3 x stables as arrangement A3

<table>
<thead>
<tr>
<th>Code</th>
<th>Qty</th>
<th>Product Description</th>
<th>Price-each</th>
<th>Price-total</th>
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</thead>
<tbody>
<tr>
<td>F093 2002 12</td>
<td>3</td>
<td>Moorland fronts with bottom swing door plastic infill</td>
<td>£812.05</td>
<td>£2436.15</td>
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<tr>
<td>F093 2002 42</td>
<td>3</td>
<td>Moorland half grille partitions plastic infill</td>
<td>£606.25</td>
<td>£1818.75</td>
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<tr>
<td>F093 2002 81</td>
<td>1</td>
<td>End post</td>
<td>£58.59</td>
<td>£58.59</td>
</tr>
</tbody>
</table>

Prices based on 3570mm Stable

Arrangement B10 - Sliding Door Stables between walls, plastic boards and half grille partitions

- Stable Arrangement B10
  - Sliding Door Stable

Price example for 3 x stables as arrangement B10

<table>
<thead>
<tr>
<th>Code</th>
<th>Qty</th>
<th>Product Description</th>
<th>Price-each</th>
<th>Price-total</th>
</tr>
</thead>
<tbody>
<tr>
<td>F093 2002 32</td>
<td>3</td>
<td>Sliding door stable fronts plastic infill</td>
<td>£1012.85</td>
<td>£3038.55</td>
</tr>
<tr>
<td>F093 2002 42</td>
<td>2</td>
<td>Moorland half grille partitions plastic infill</td>
<td>£606.25</td>
<td>£1818.75</td>
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<tr>
<td>F093 2002 81</td>
<td>1</td>
<td>End post</td>
<td>£58.59</td>
<td>£58.59</td>
</tr>
</tbody>
</table>

Prices based on 3570mm Stable
Equestrian

Order 1 (No.) Assembly & Maintenance Guide

**Arrangement A12 - Swing Door Corner Stable set up**

Illustration shows brown plastic boards and half grille partitions. To replace with softwood boards or fully boarded partitions, select these options when placing your order.

<table>
<thead>
<tr>
<th>Drawing</th>
<th>Reference</th>
<th>Description</th>
<th>Req To Create</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corner Stable</td>
<td>+ For Each</td>
<td>Additional Stable</td>
<td></td>
</tr>
<tr>
<td>1 Swing Door</td>
<td>Front</td>
<td>x1</td>
<td></td>
</tr>
<tr>
<td>2 Stable Partition</td>
<td>x2</td>
<td>x1</td>
<td></td>
</tr>
<tr>
<td>3 Post To Finish Run</td>
<td>x1</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>4 Corner Door</td>
<td>x1</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

**Arrangement B7 - Back to Back Sliding Door Stables set up**

Illustration shows brown plastic boards, half grille partitions, and full board back panels. To exchange these options for softwood boards or half grille panels, please amend your selections when placing your order.

Please note that when booking back to back stables as the layout shown, the quantity of posts booked will need to be amended from what is called up using the XX codes.

<table>
<thead>
<tr>
<th>No Of Stables</th>
<th>Drawing Reference</th>
<th>Sliding Door Stable Fronts</th>
<th>Stable Partition</th>
<th>Stable Back Panel</th>
<th>Post To Finish Run</th>
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<td>8 x8 x10 x4 -3</td>
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<td>8 x8 x10 x4 -3</td>
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<td>2 x2 x4 x1 x0</td>
<td>4 x4 x6 x2 -1</td>
<td>6 x6 x8 x3 -2</td>
<td>8 x8 x10 x4 -3</td>
<td>10 x10 x12 x5 -4</td>
</tr>
</tbody>
</table>
IAE supply a step by step fully illustrated installation guide on our range of Moorland Stables to enable easy installation.

Softwood has been painted with Heritage Green Paint by others.
Specific designs, special lengths, general changes, we can manufacture lots of different items of varying types. Creating items to suit your needs is a process that you can be confident in trusting to IAE, we have many years experience and an extremely knowledgeable team who are capable of ensuring your Made to Measure requirements are fulfilled.
GALLAGHERS TW AND TWR RANGE

Operation & Data Collection
1. Manual/automatic weight logging options
2. Assign visual tag against weight and EID number
3. Calculates average daily weight gain/carcass weight
4. Max number of animal records
5. Number of traits recorded per session
6. Individual animal notes and weight recorded
7. Multiple custom trait definitions to collect and edit data
8. Weight based calculations (kg/dose or kill out weight)
9. Review full animal history in the yard
10. Manage treatments and associated holding periods
11. View animal pedigree information in graphical family tree

Drafting
1. Liveweight drafting
2. On screen drafting statistics recorded
3. Automatic drafter interface
4. Drafting by electronic ID number
5. Draft based on Average Daily Gain (ADG) or custom calculations

Connectivity
1. Automatic load bar recognition & calibration
2. Integrated EID reader
3. Bluetooth connection (Bluetooth dongle required)
4. WiFi connectivity

Software
1. Animal Performance Software (APS Standard) for PC
2. FREE Android App for easy transfer of animal data

CONVERSION TABLE - FEET TO MILLIMETRES AND INCHES TO MILLIMETRES

<table>
<thead>
<tr>
<th>Feet (mm)</th>
<th>Inches (mm)</th>
<th>Feet (mm)</th>
<th>Inches (mm)</th>
<th>Feet (mm)</th>
<th>Inches (mm)</th>
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</table>

GALLAGHERS HR-5 AND HR-4 RANGE

Operation
1. Memory capacity
2. Large 2.8" colour LCD backlight
3. Re-configure settings on the Reader itself
4. Bluetooth
5. USB connectivity
6. Power by internal rechargeable battery
7. Bluetooth Adaptor for non-Bluetooth EID compatible weigh scales sold separately
8. Comfortable ergonomic, soft grip handle
9. Rugged carry case
10. Visual
11. Record replacement of animal EID tag
12. Edit visual ID on device
13. Look up animal from visual ID only
14. Visual ID cross reference table
15. Continuous tag read mode
16. Vibration, audible feedback an LED confirmation of tag read
17. Session and Drafting Activity
18. Numeric, free text and date data entry
19. Enter animal notes
20. Session name and notes entry
21. Link Mother to offspring
22. Record alerts, as a reminder, when animal is next scanned
23. Pick-list data entry
24. View animal history by trait, life data or activity
25. Assign sort colour (virtual raddle)
26. Distinction between traits, life data and activities
27. Date and time stamp on all records
28. Number of animal traits per session
29. FREE Android App for easy transfer of animal data
30. Animal Performance Software (APS Standard) for PC

CONVERSION TABLE - LITRES TO GALLONS

<table>
<thead>
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</table>

Galvanizing information

FINISH - HOT DIP GALVANIZED TO BS EN ISO 1461 unless otherwise stated

FOR FURTHER INFORMATION visit www.galvanizing.org.uk

Please note: It is advised that you regularly inspect products and undertake cleaning and maintenance regimes in order to maximise longevity.

With progressively corrosive constituents being present in slurry, manure and silage, the application of an animal friendly bituminous paint is recommended in circumstances where galvanized materials come into persistent contact with the previously mentioned substances.