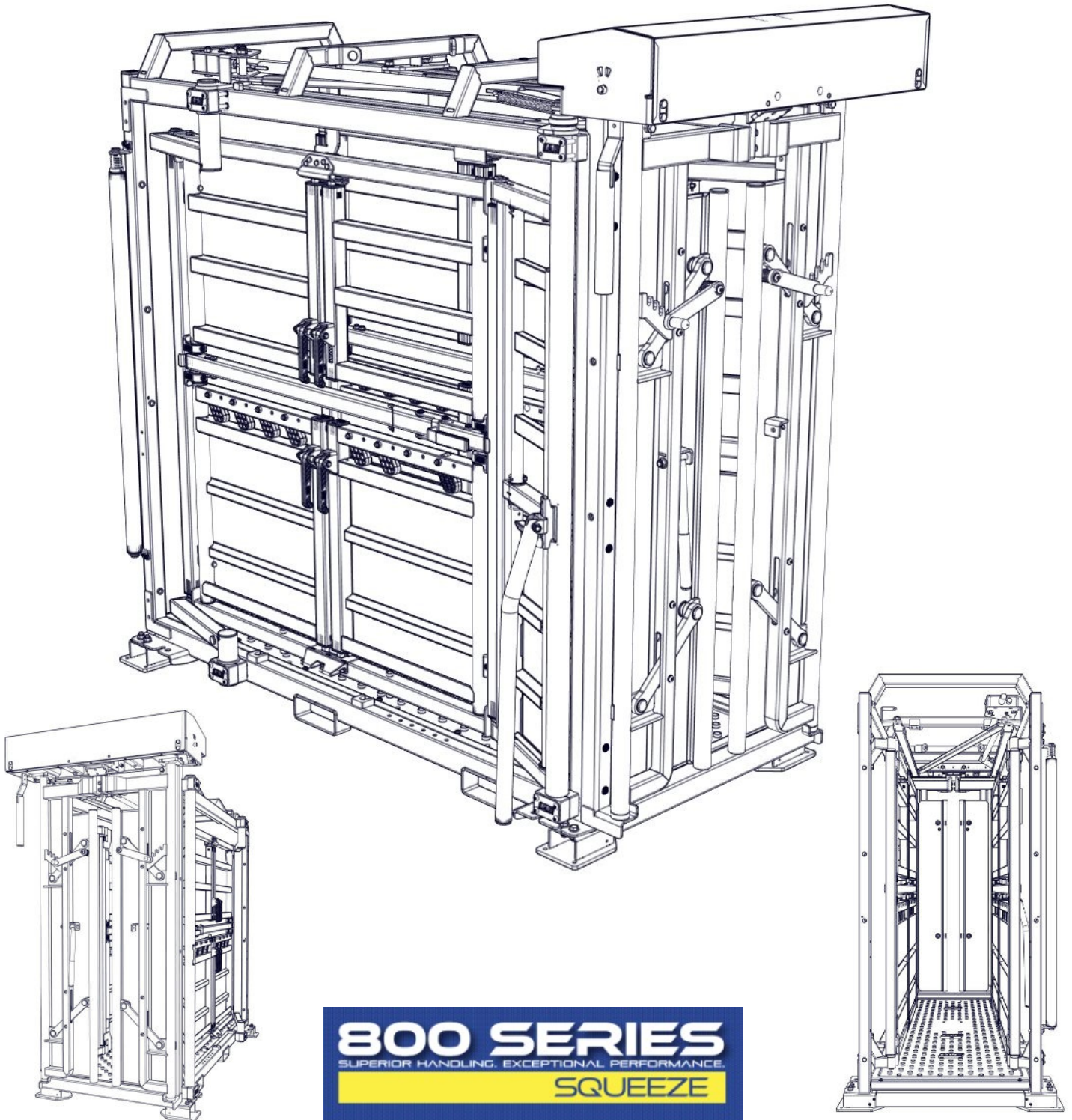




800 SERIES

>>> AUTOMATIC <<<

Call: +44 (0)1782 339320 | Email: sales@iae.co.uk | Weblink: <https://iae.co.uk/>

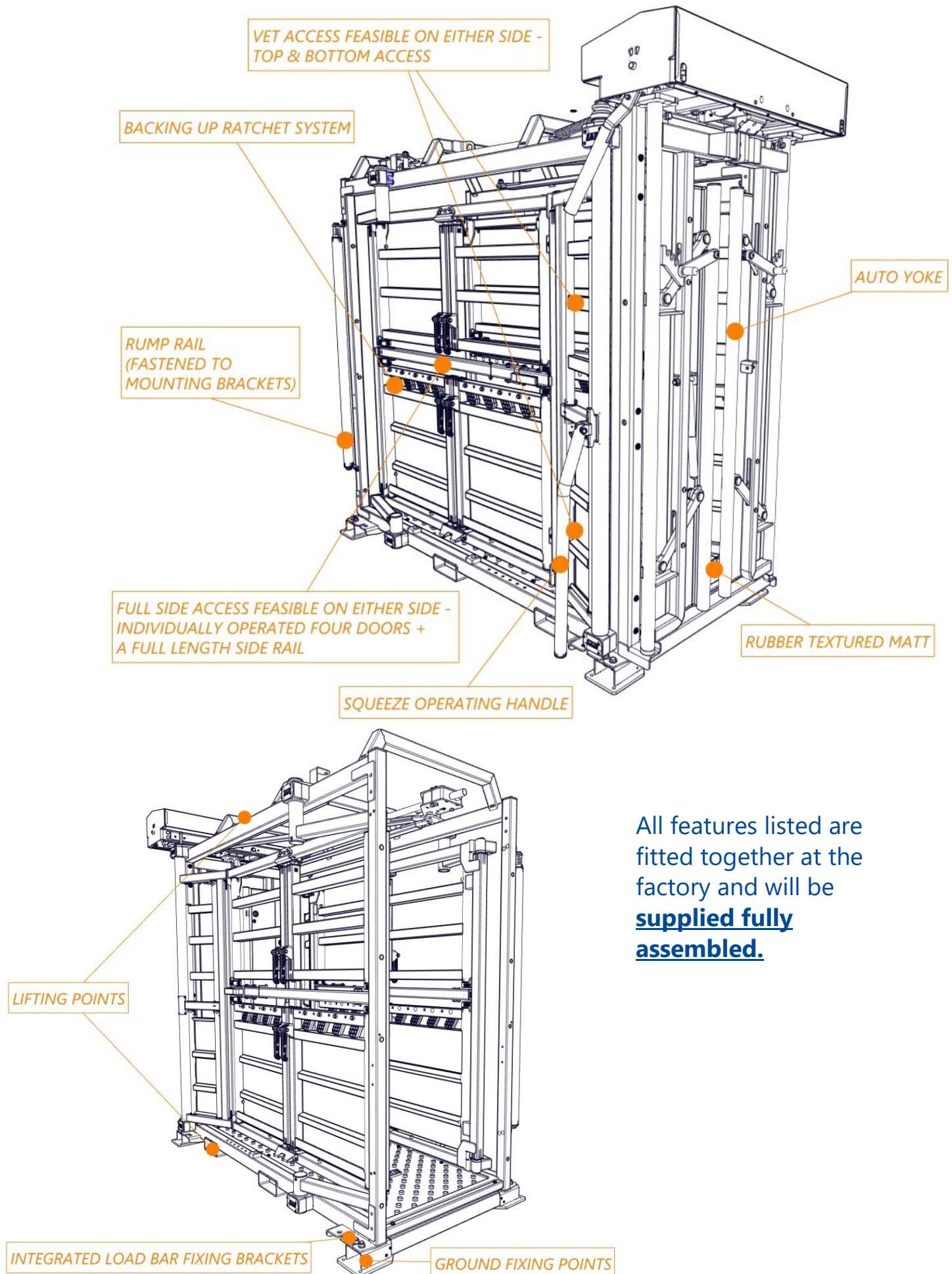


# 800 SERIES (B21) AUTO YOKE SQUEEZE CRUSH

INSTALLATION, OPERATION & MAINTENANCE

*TECHNICAL DOCUMENT NO. 1002240-01*

## PRODUCT 1002395-01 KEY FEATURES



All features listed are fitted together at the factory and will be **supplied fully assembled.**

## INTENDED USE

A heavy-duty restraining device that holds big, heavy and strong animals like cattle so that work force (including veterinarians) can work with them. It is close fitting and simply keeps the animals from moving, which keeps both the cattle and workers safe.

## TECHNICAL DATA

**Item Number:** 1002395-01

**Load:** 1000 Kg Max.



**Weight:** 695 Kg

**Dimensions (W x H x D):** 1225 x 2230 x 2365 Approx.

## AUTO YOKE

Auto yoke is pre-set to 'ready to receive' mode by personnel and subsequently it is the animal that controls the yoking process by its forward movement - is designed for use in environments where cattle are frequently handled in high numbers

Auto yoke features include,

- NEW DESIGN self-locking brake box mechanism
- Reset bolt on operating handle  also used for emergency yoke gate release 
- Yoke adjustment achievable, gap adjustment ranges from 240mm to 100mm (full height) spring-loaded yoke adjustment link arm

## COMPATIBLE WITH IAE OPTIONS TO FIT

- ✓ CRUSH EXTENSION - 1002145-01
- ✓ SLIDING GATE IN FRAME - 1001686-01
- ✓ A800 SCOOP BRACKET - 1003653-01
- ✓ 800 SERIES ID READER KIT - 1003656-01
- ✓ HOOF TRIMMING KIT - 1002393-01
- ✓ STERNUM BAR KIT - 1002705-01
- ✓ LOAD BAR

(All options to fit supplied separate with onsite assembly required, to be organized by customer/operator)

# SAFETY INFORMATION

PLEASE TAKE NOTE OF THE FOLLOWING SAFETY PRECAUTIONS BEFORE USE FOR THE WELLBEING OF ALL ANIMALS AND PERSONNEL. ANY HARM OR INJURY WHICH OCCURS FROM THE LACK OF COMPLIANCE WITH THESE HEALTH AND SAFETY MEASURES WILL BE THE RESPONSIBILITY OF THE OPERATOR.

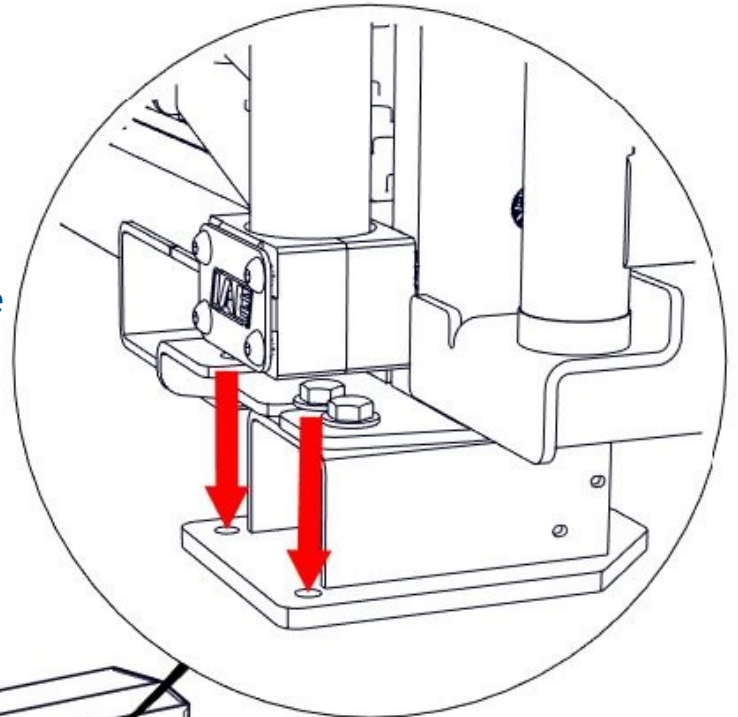
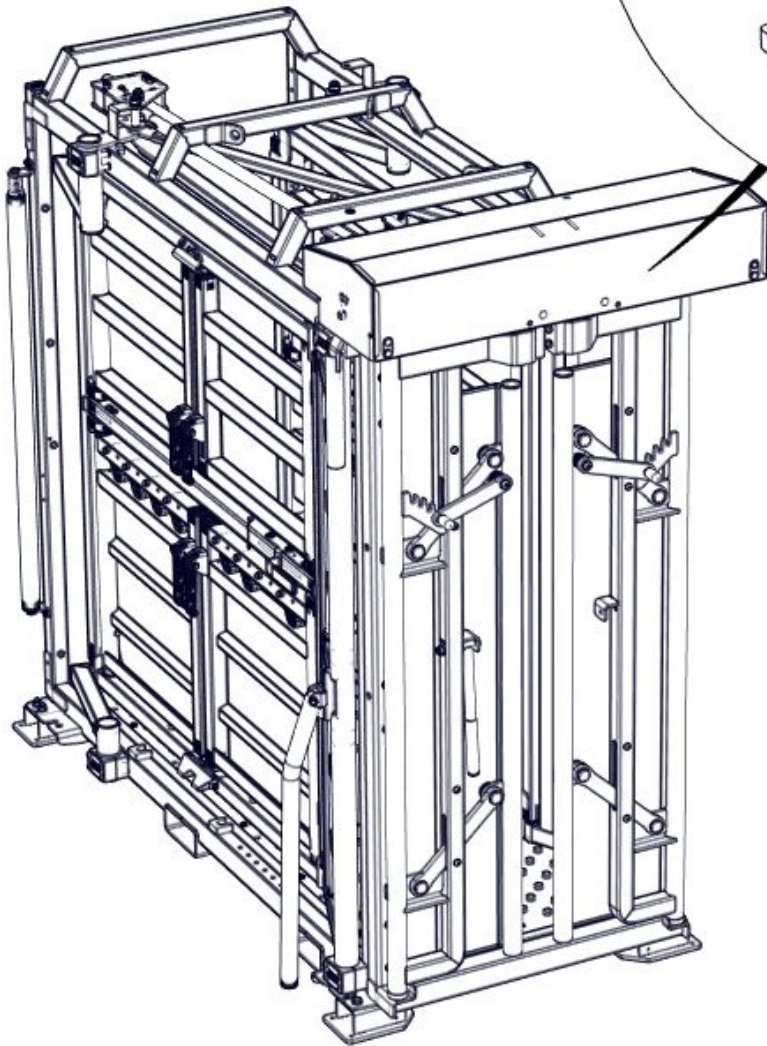
- ❑ **IMPORTANT!** Read these instructions carefully before use and keep them for future reference. The safety of your animals may be affected if you do not follow these instructions in this manual.
- ❑ **WARNING! DANGER TO LIFE AND RISK OF ACCIDENTS FOR INFANTS AND CHILDREN!** Keep children away from the product when in operation.
- ❑ Situate this product on a level, solid surface.
- ❑ **WARNING!** Be careful with hands, fingers and limbs when operating the crush.
- ❑ Personal protection may be required for some stages of installation, and/or operation.
- ❑ **CAUTION!** When handling heavy equipment, some stages of installation may require at least two people.
- ❑ **DO NOT** lean on or exert undue pressure on the product.
- ❑ **CAUTION!** Check posture when lifting/manoeuvring the equipment or associated parts.
- ❑ **ALWAYS** Check the product for damage before each use.
- ❑ **NEVER USE THE PRODUCT IF IT IS DAMAGED.**

If you have any questions or comments regarding the product, we will be glad to hear them either through our website [www.iae.co.uk](http://www.iae.co.uk) or by contacting your local IAE dealership.

<b>INTRODUCTION/PRODUCT FEATURES</b> .....	Page 2
<b>INTENDED USE</b> .....	Page 3
<b>TECHNICAL DATA</b> .....	Page 3
<b>COMPATIBLE WITH IAE OPTIONS TO FIT</b> .....	Page 3
<b>SAFETY INFORMATION</b> .....	Page 4
<b>CRUSH INSTALL/GROUND FIXING</b> .....	Page 6
<b>HOW TO OPERATE</b>	
<b>OPERATING AUTO YOKE</b> .....	Page 7
<b>YOKE APERTURE ADJUSTMENT GUIDE</b> .....	Page 9
<b>SQUEEZE MECHANISM</b> .....	Page 10
<b>OPERATING SIDE DOORS</b> .....	Page 11
<b>OPERATING FULL LENGTH SIDE RAIL</b> .....	Page 11
<b>OPERATING VET ACCESS PANELS</b> .....	Page 12
<b>REMOVING VET ACCESS PANELS</b> .....	Page 12
<b>PIVOTING VET ACCESS TOP PANEL</b> .....	Page 13
<b>OPERATING RUMP RAIL</b> .....	Page 14
<b>RECOMMENDED MAINTENANCE</b> .....	Page 16
<b>CONTACT</b> .....	Page 16

## CRUSH FIRST USE/GROUND FIXING

- Locate on firm and level ground, IAE recommend placing onto a concrete pad.
- Allow for sufficient space all around the crush for safe operation.
- It is advised to run through the operations of the crush without cattle present to familiarise yourself with the correct workings.



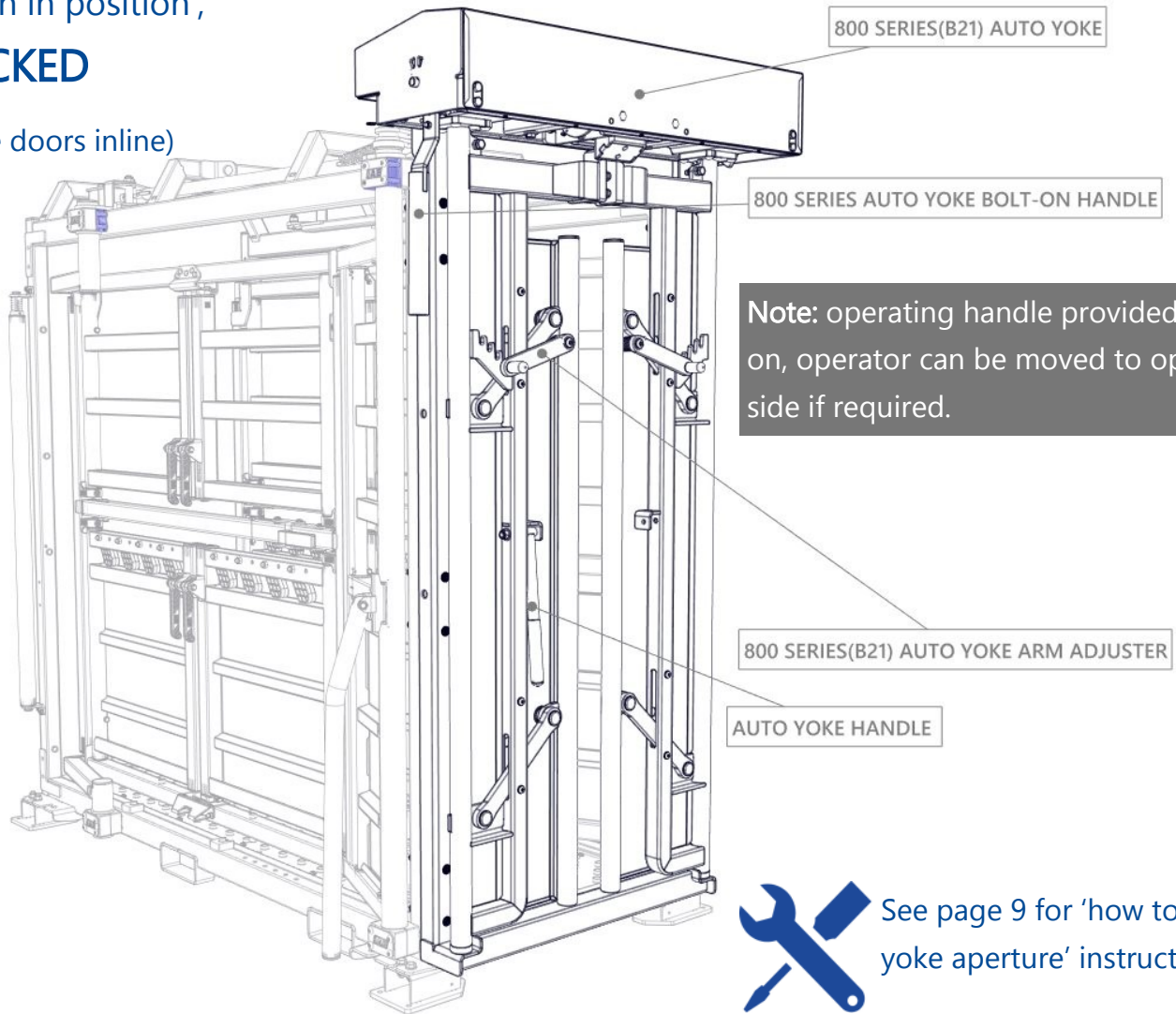
### Ground fixing instructions:

Utilise the feature of the bolt on feet (fitted in each corner) for fixing into ground, particularly when the product is to remain situated in one permanent location.

# OPERATING AUTO YOKE

Begin in position,  
**LOCKED**

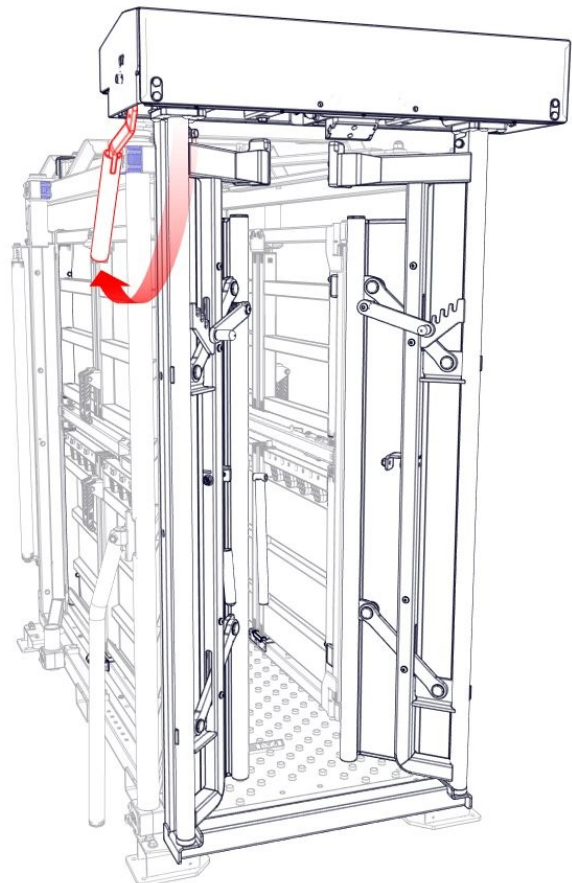
(yoke doors inline)



Instruction: pull handle back (towards main body) to activate auto release.

**READY TO RECEIVE**

**CAUTION:** Allow sufficient space around the entire crush body for operating safely, keep fingers and limbs well clear of any moving parts.

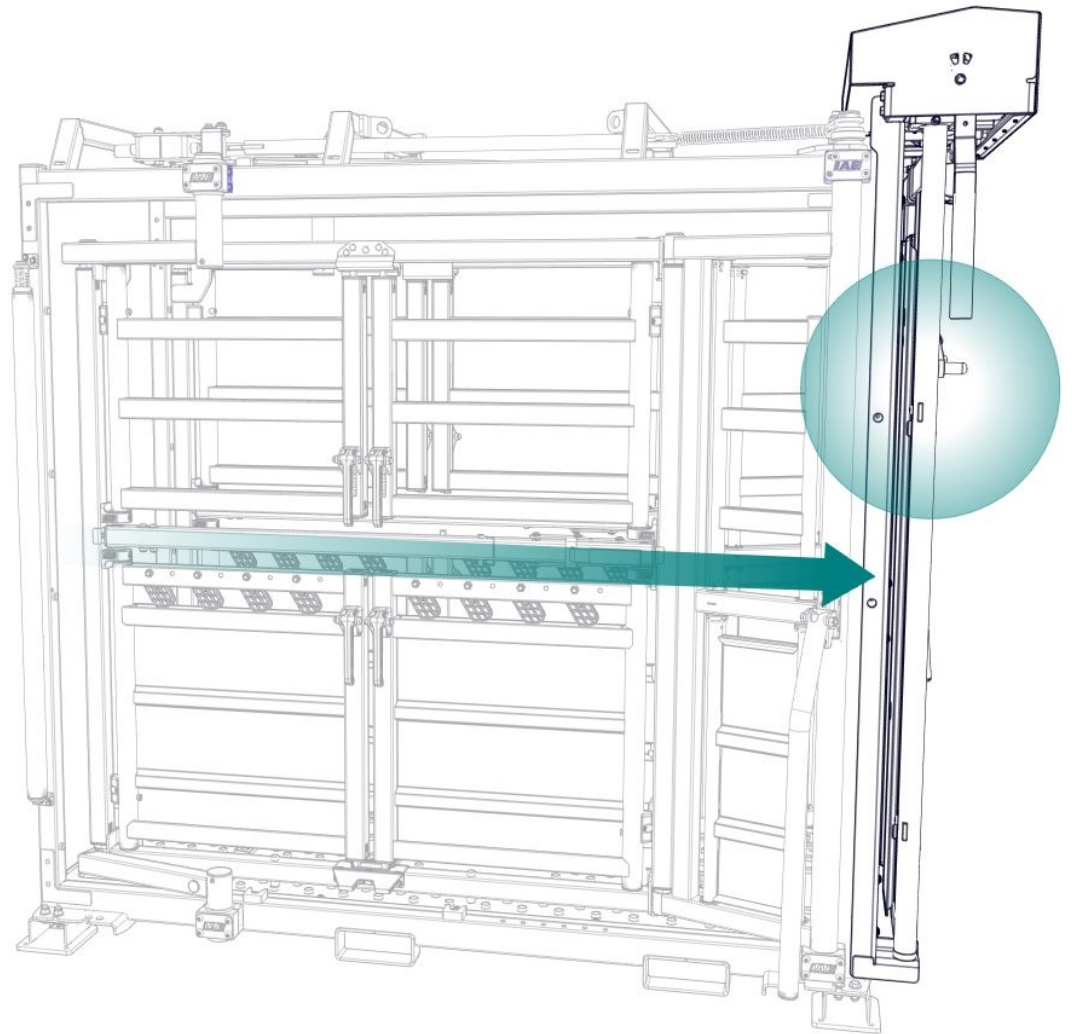


Instruction: allow animal to enter the chute

## ANIMAL YOKED

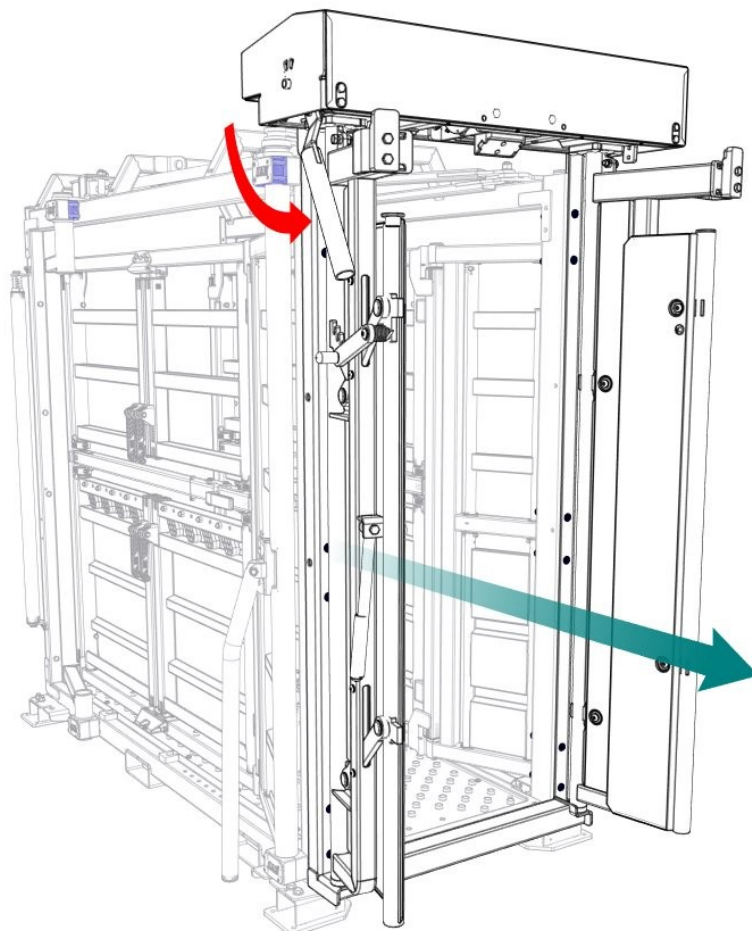
**CAUTION:** Do not enter the area in front of the crush until you are certain the animal is fully secured.

Note: arrow & circle indicate animal travel direction and head position when yoked.



Instruction: pull operating handle forward to activate auto release.

## ANIMAL RELEASED

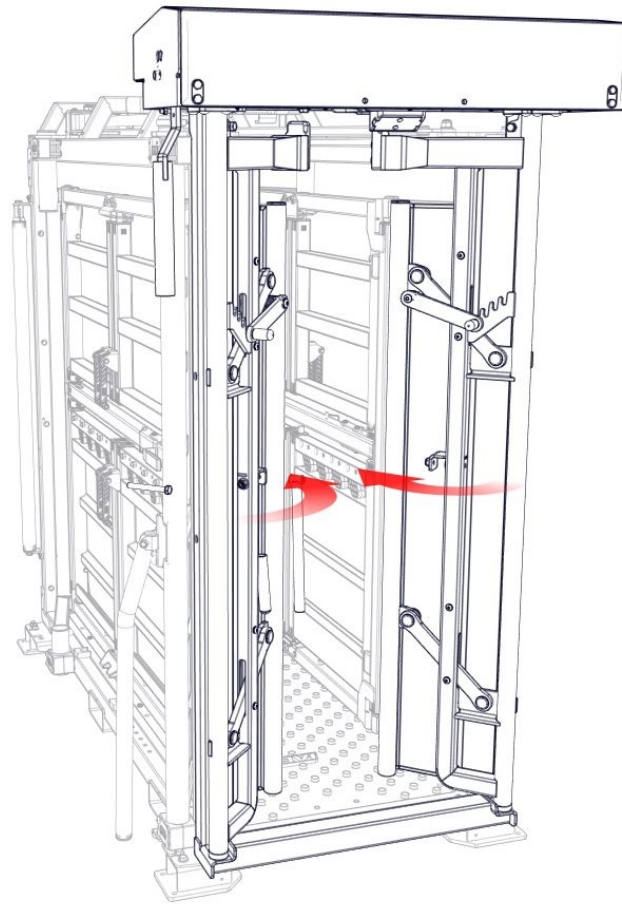




Instruction: push on yoke door to activate the auto yoke, making both doors drop back (angled into the chute).

## RETURN TO READY TO RECEIVE

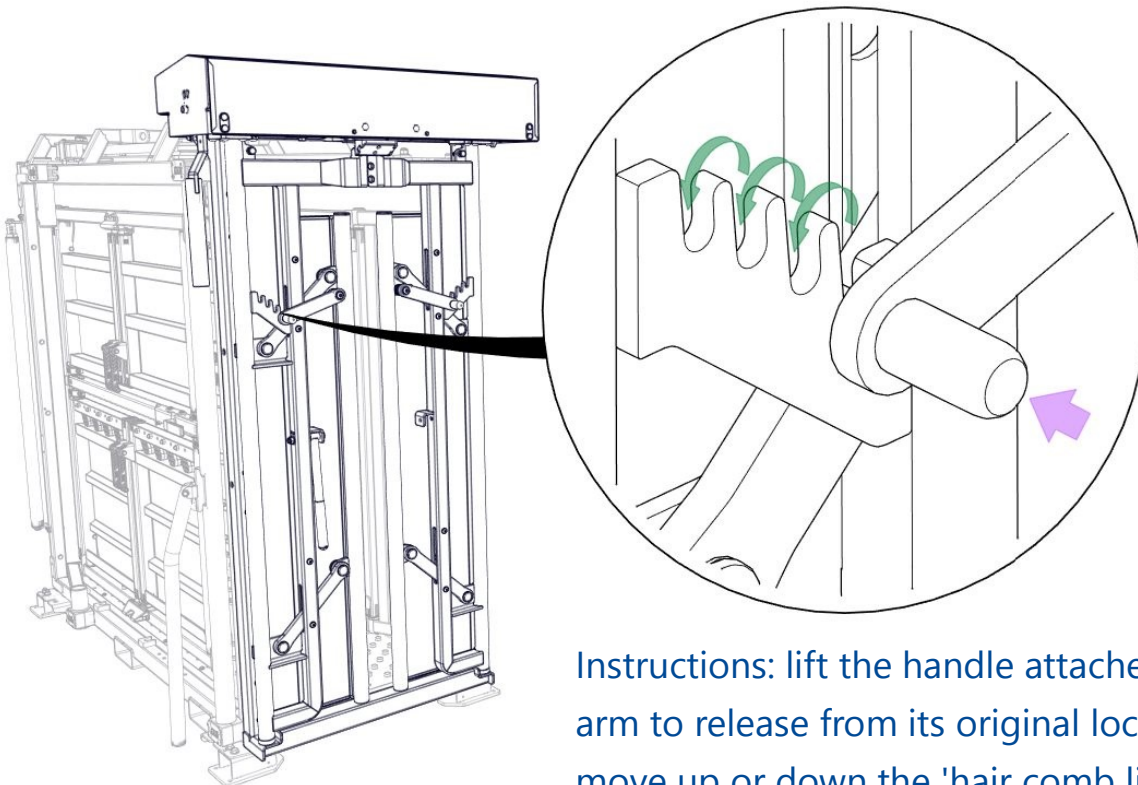
**CAUTION:** ensure the working area is clear before allowing the next animal to enter the chute .



## YOKE APERTURE ADJUSTMENT

**CAUTION:** ensure the working area is clear before allowing the next animal to enter the

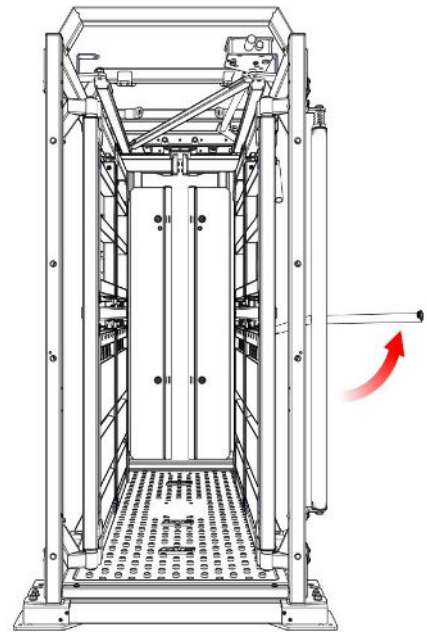
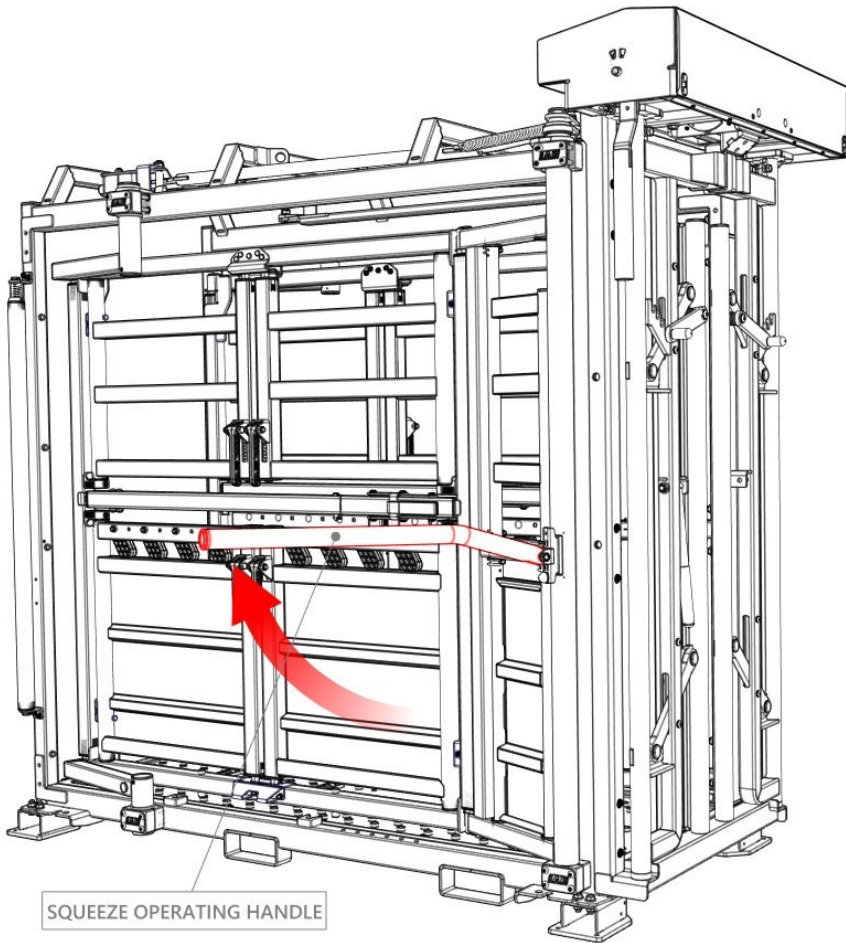
*Yoke aperture ranges achievable, 240 - 100 (mm) full height*



Instructions: lift the handle attached to the link arm to release from its original locking place. move up or down the 'hair comb like' slanted locking plate as required.

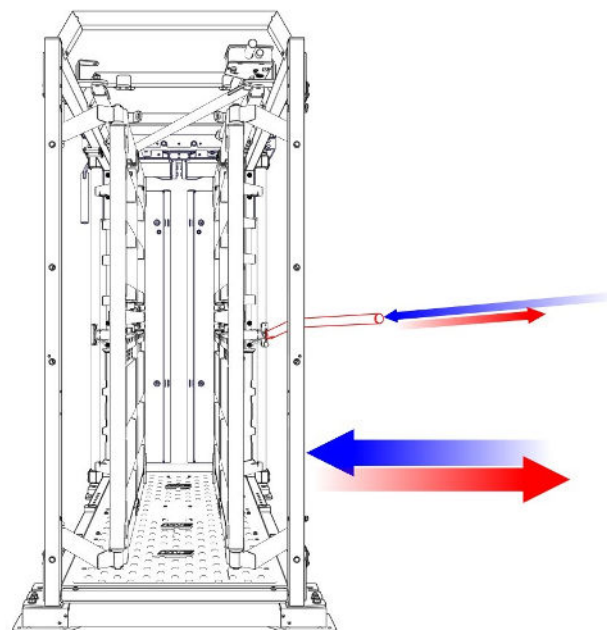
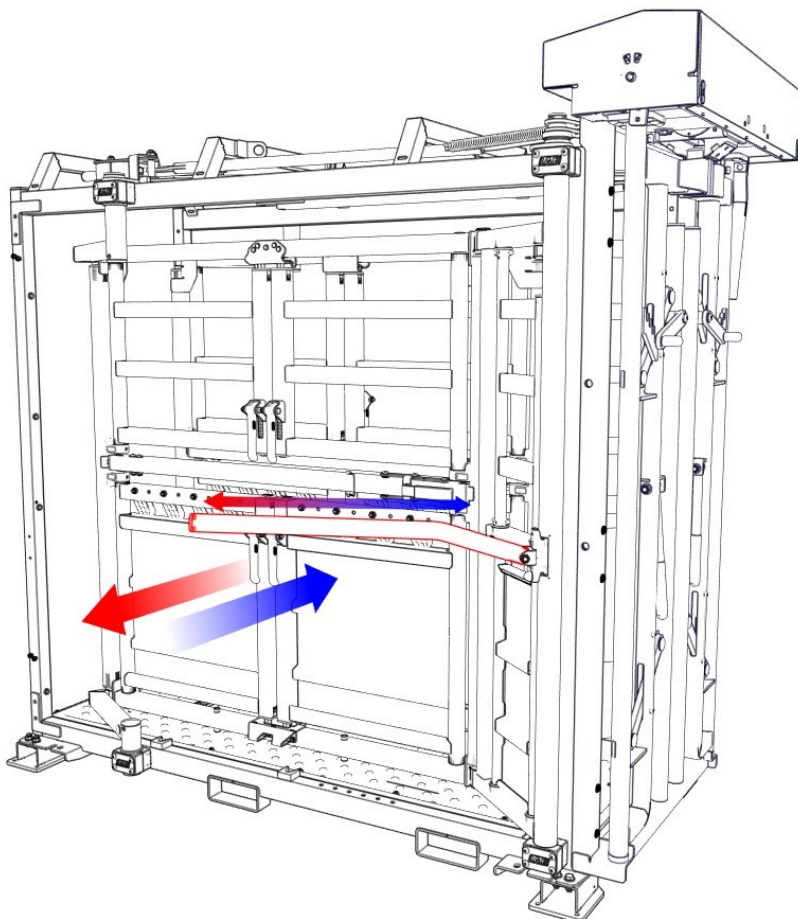
# SQUEEZE MECHANISM

**CAUTION:** Disable squeeze mechanism before letting animal into chute!



Instruction: lift the squeeze op. handle to 90°

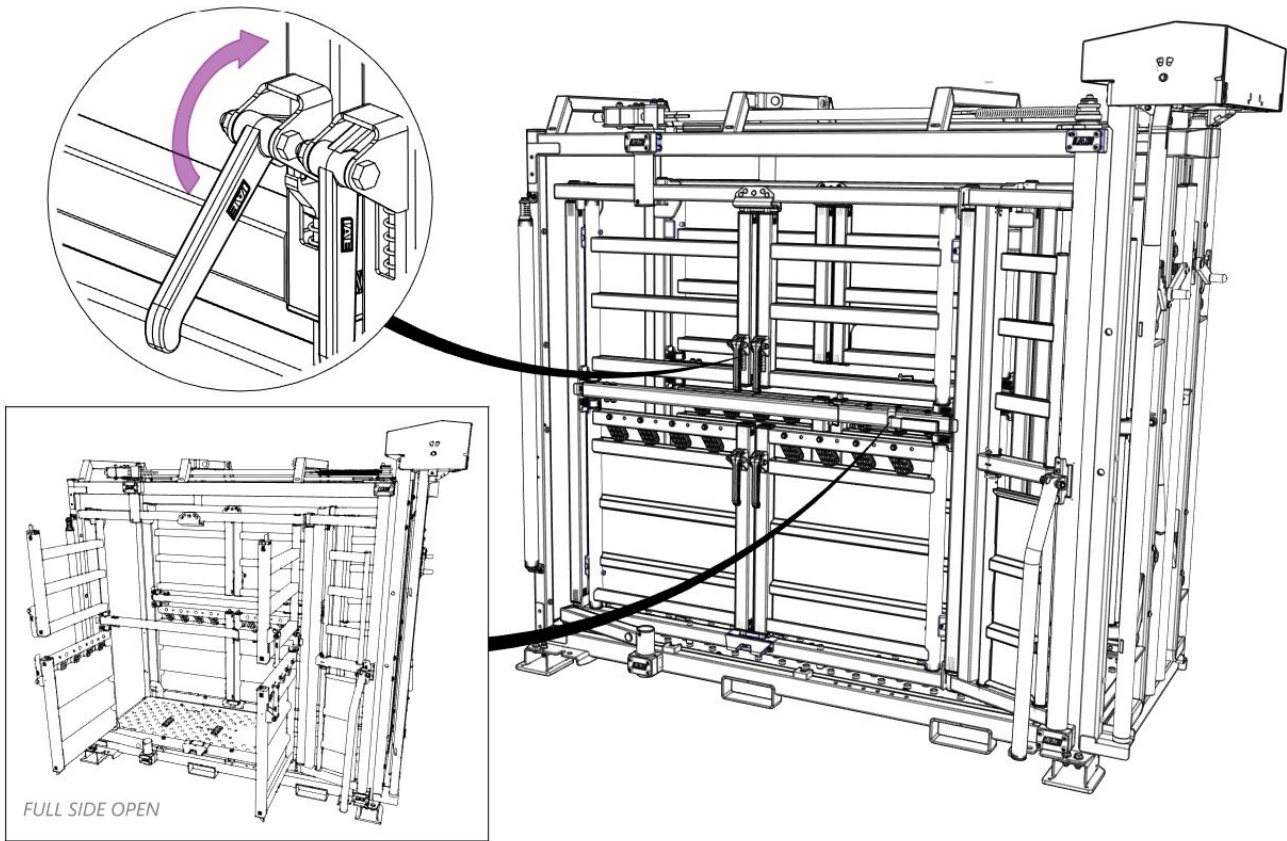
*Squeeze ranges between 760mm—285mm (unlimited internal width of the chute)*



Instruction: push/pull handle to trigger squeeze mechanism.

## OPERATING SIDE DOORS

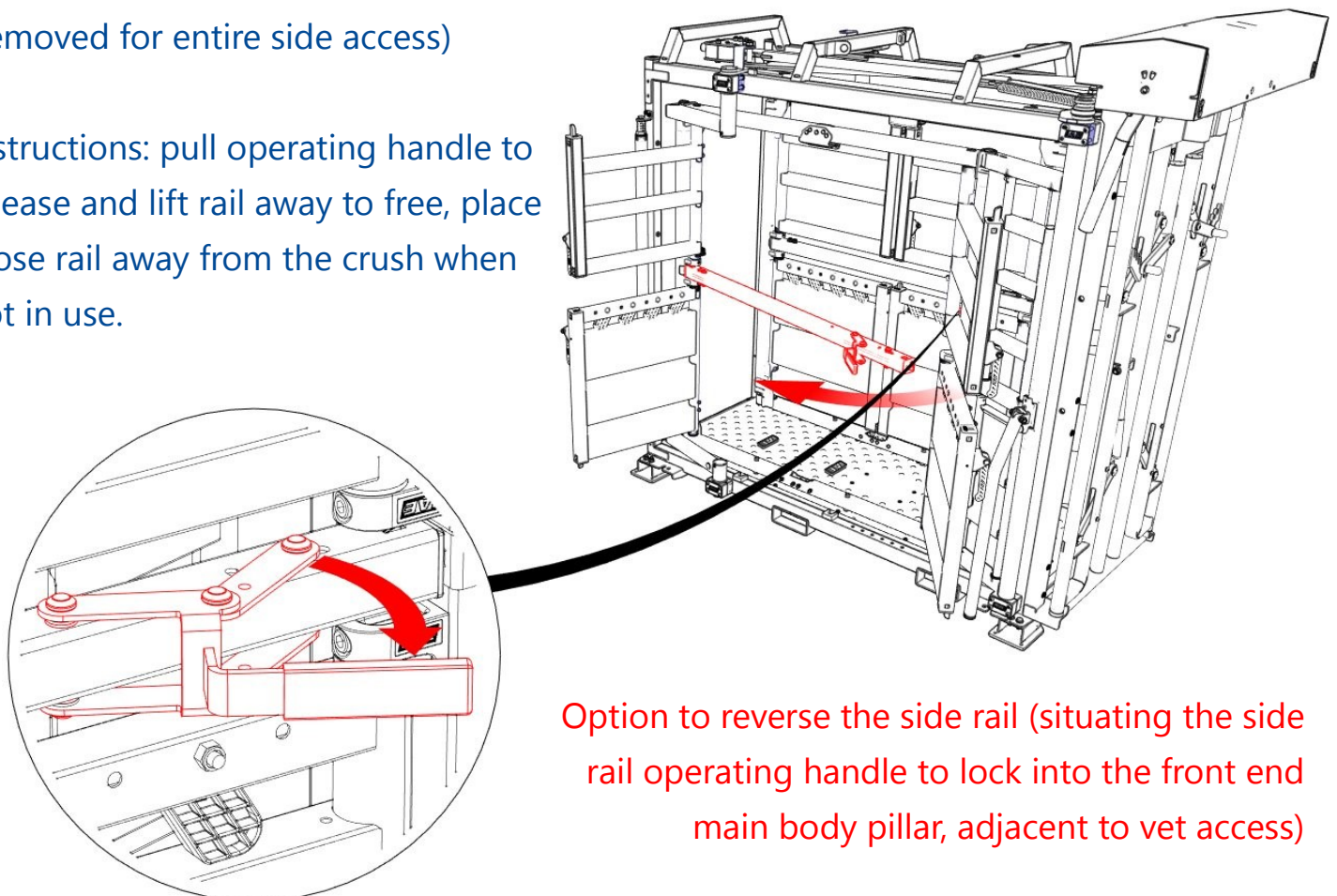
Instruction: lift bolt pivot handle to release (four doors individually operated)



## OPERATING FULL LENGTH SIDE RAIL

(removed for entire side access)

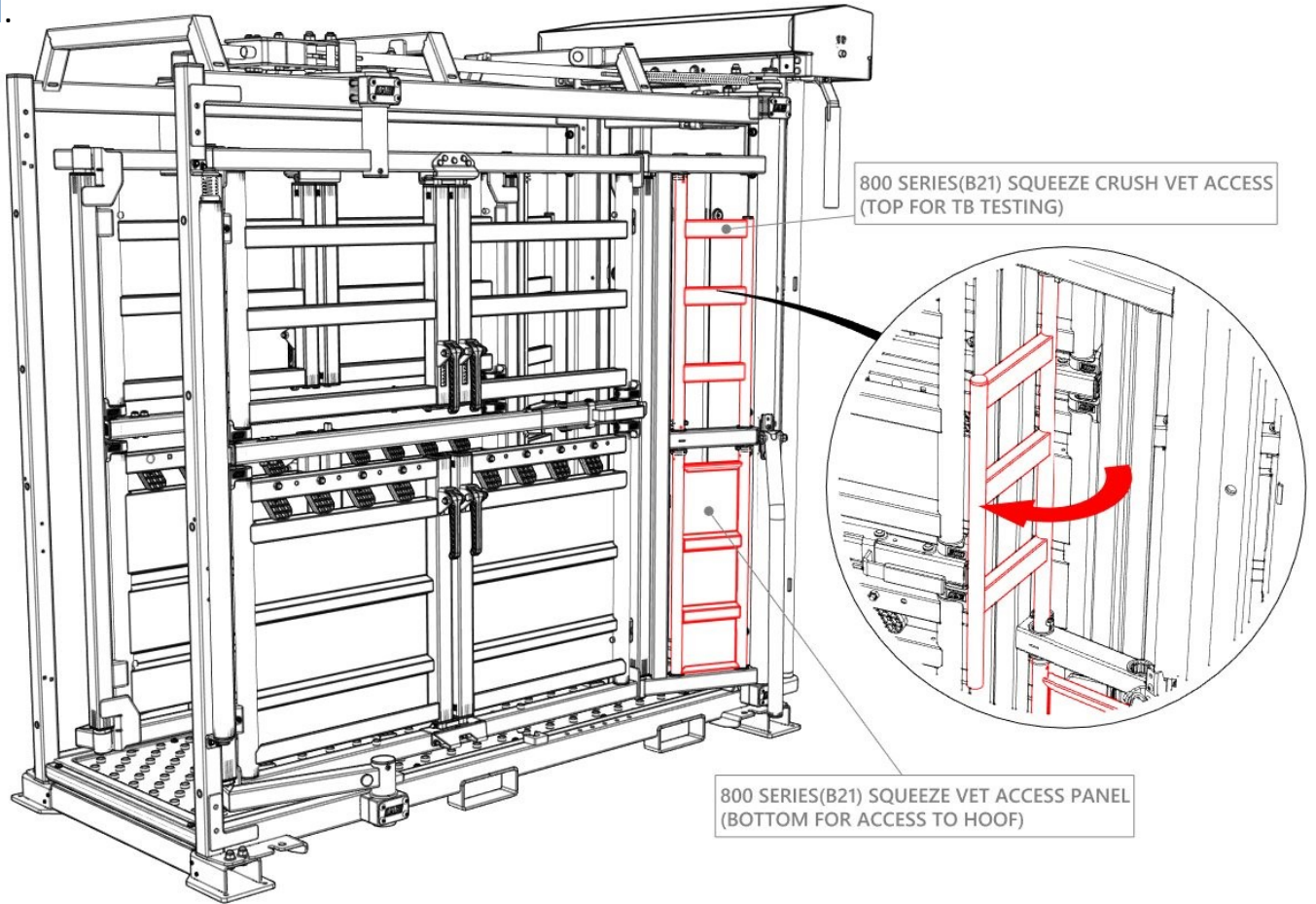
Instructions: pull operating handle to release and lift rail away to free, place loose rail away from the crush when not in use.



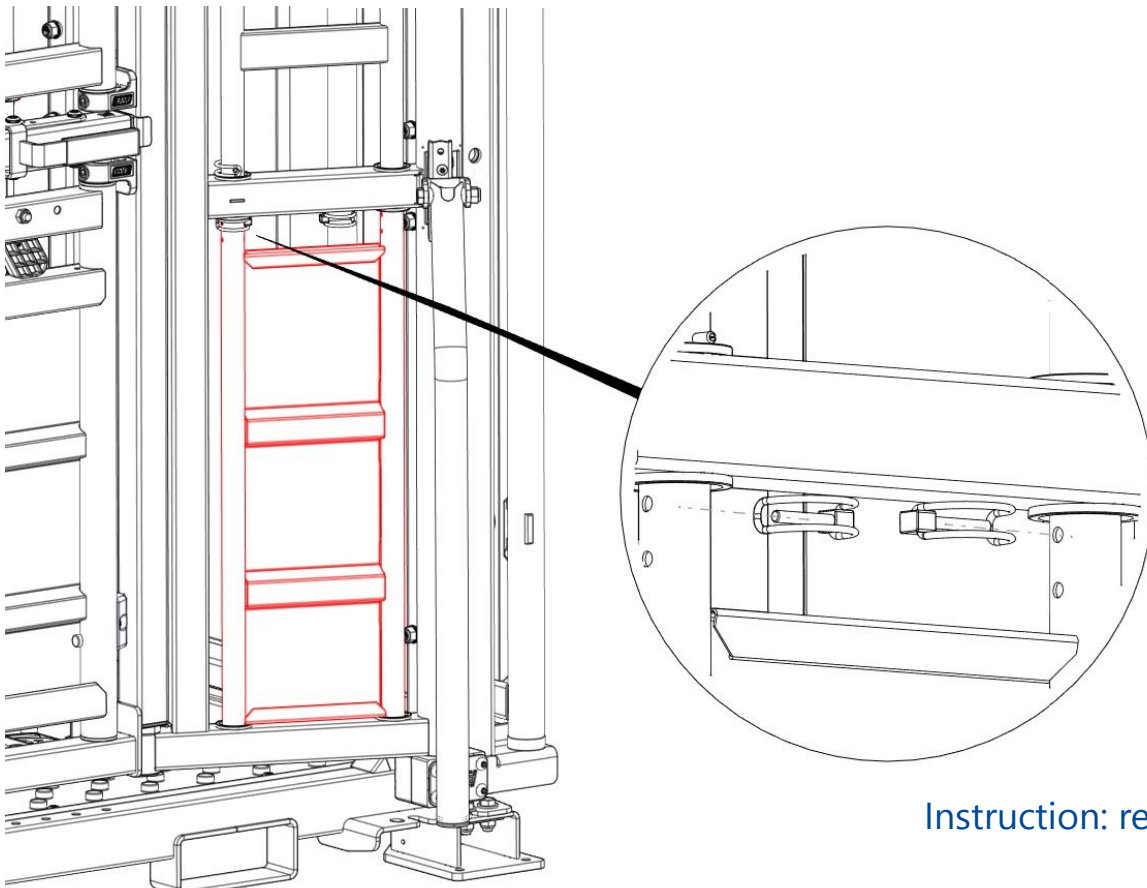
Option to reverse the side rail (situating the side rail operating handle to lock into the front end main body pillar, adjacent to vet access)

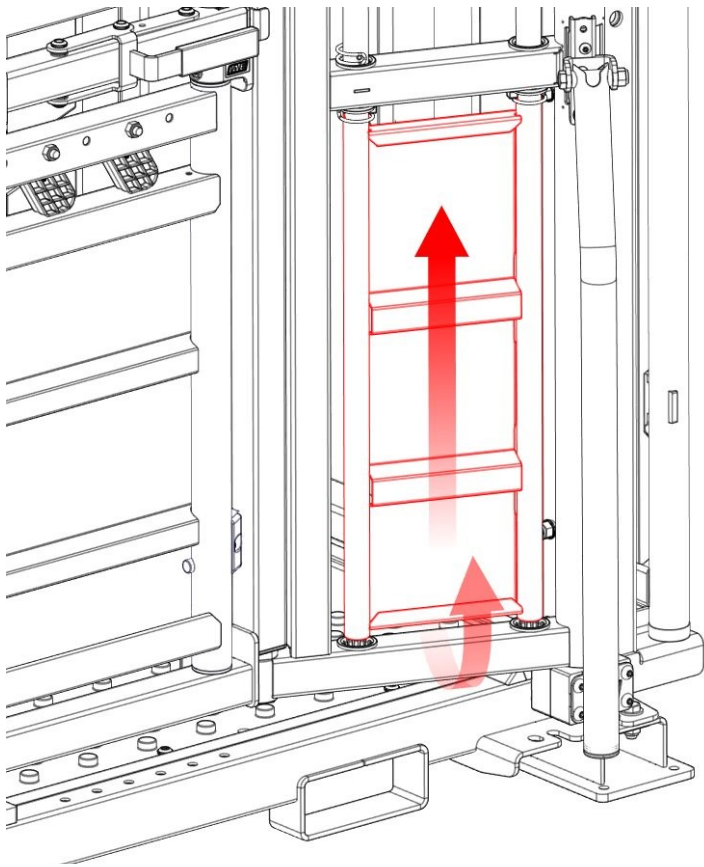
# OPERATING VET ACCESS PANELS

Vet access panels feasible of either side, all with capability to remove when access is required.



# REMOVING VET ACCESS PANELS





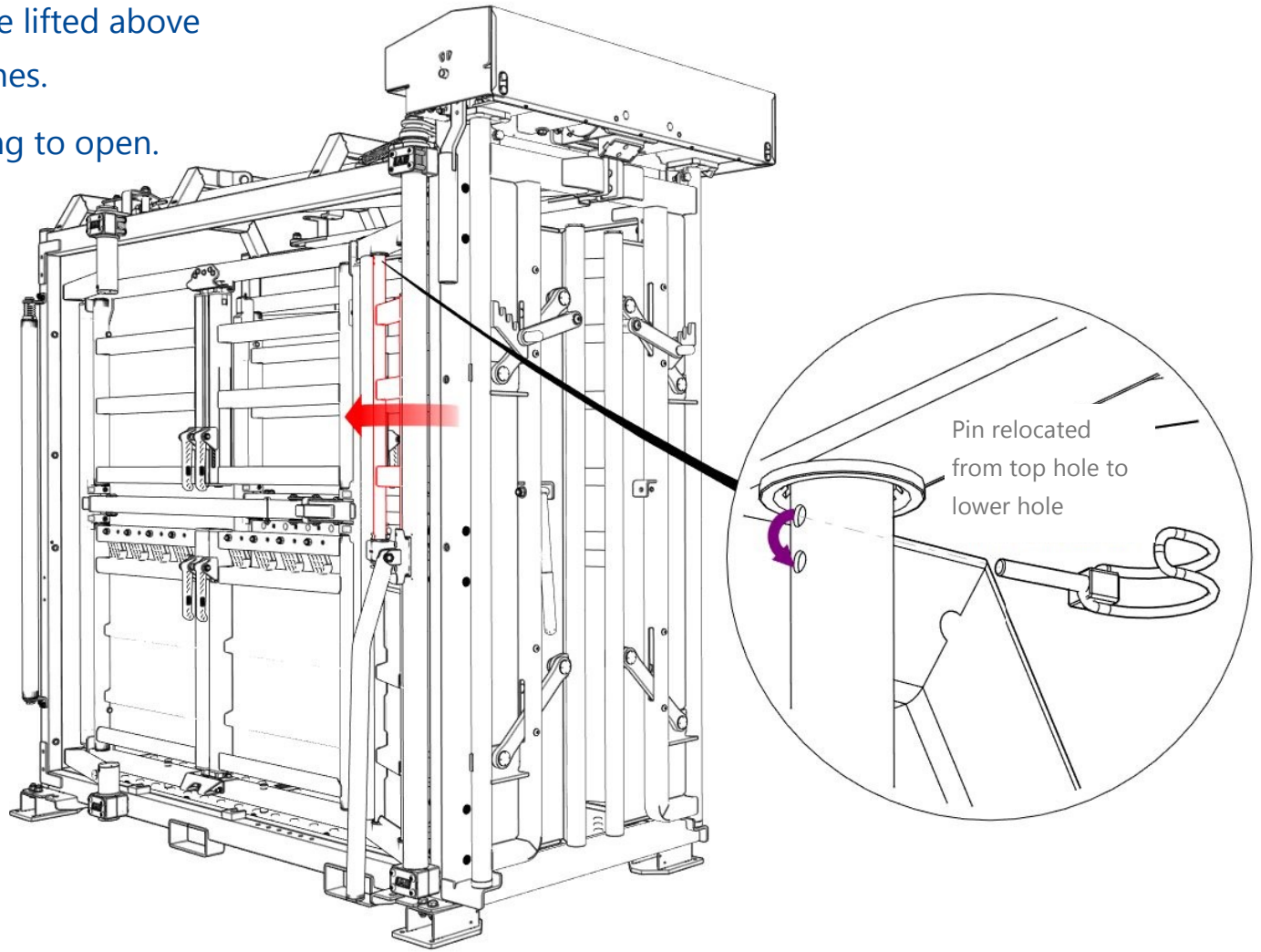
Instruction: lift (so tube end is free from bushes) and lift away to fully remove the panel.

*Note: instructions for removal of the top vet access are the same .*

## PIVOTING VET ACCESS TOP PANEL

Instruction: relocate pin, move to lowest hole. allowing panel to be lifted above bushes.

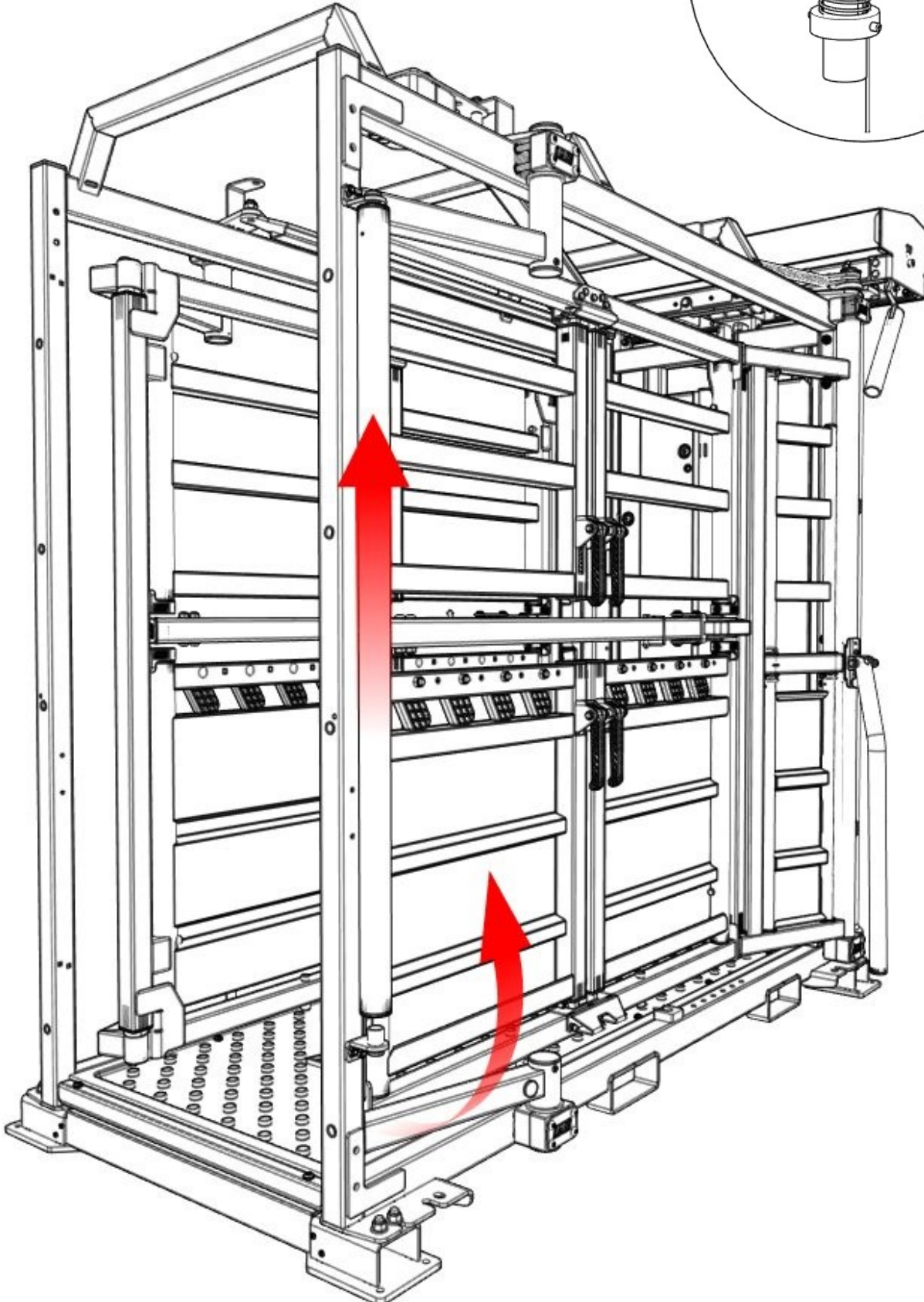
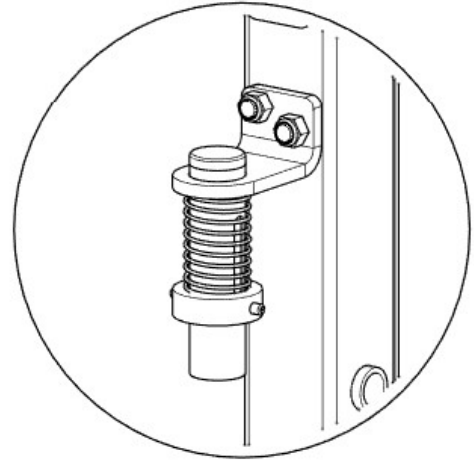
Swing to open.

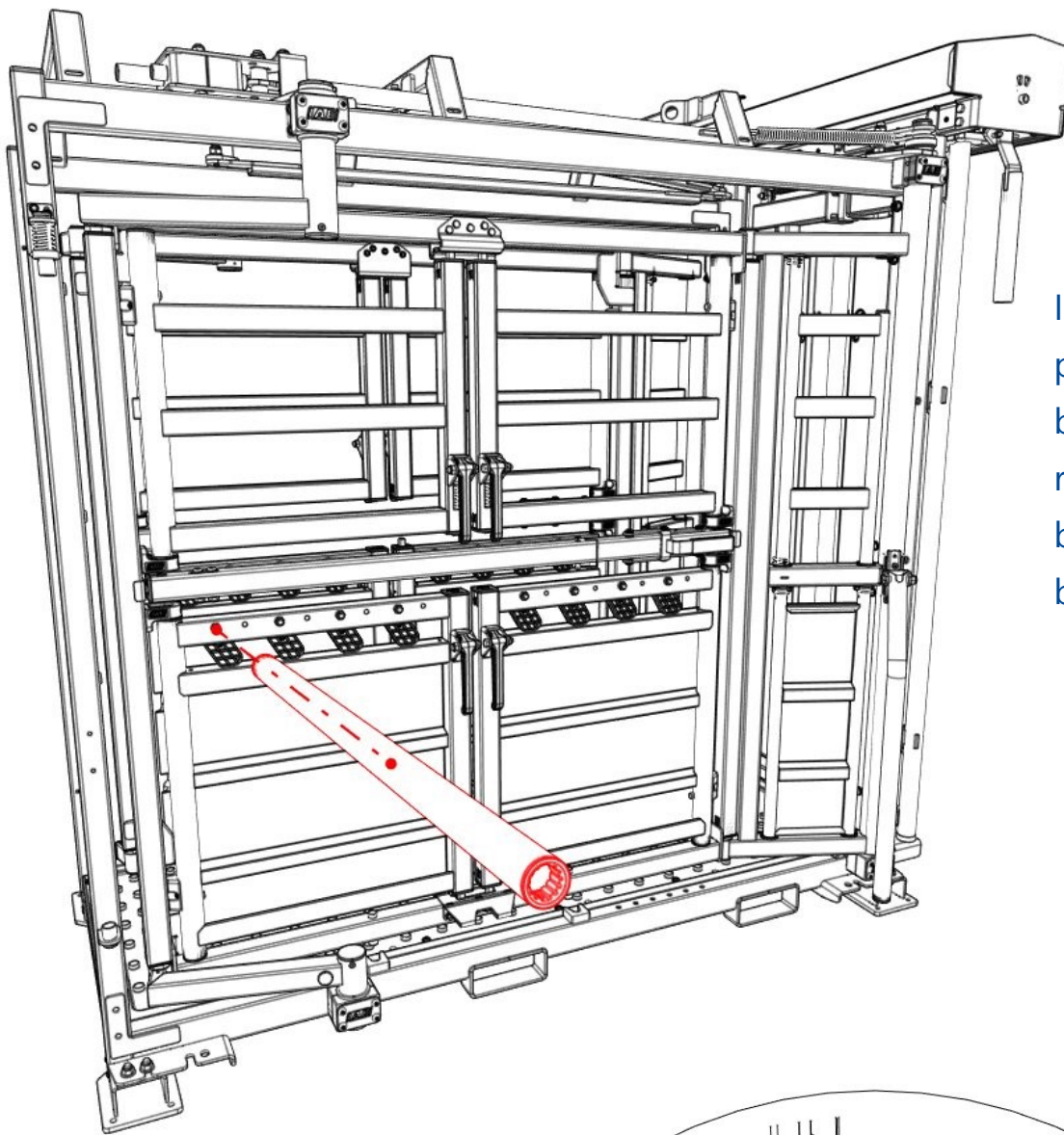


## OPERATING RUMP RAIL

Mounting brackets provided bolt-on, can be moved to opposite side if required. (main body frame is pre-drilled to suit).

Instruction: push up and pull out to eject rump rail from mounting bracket.

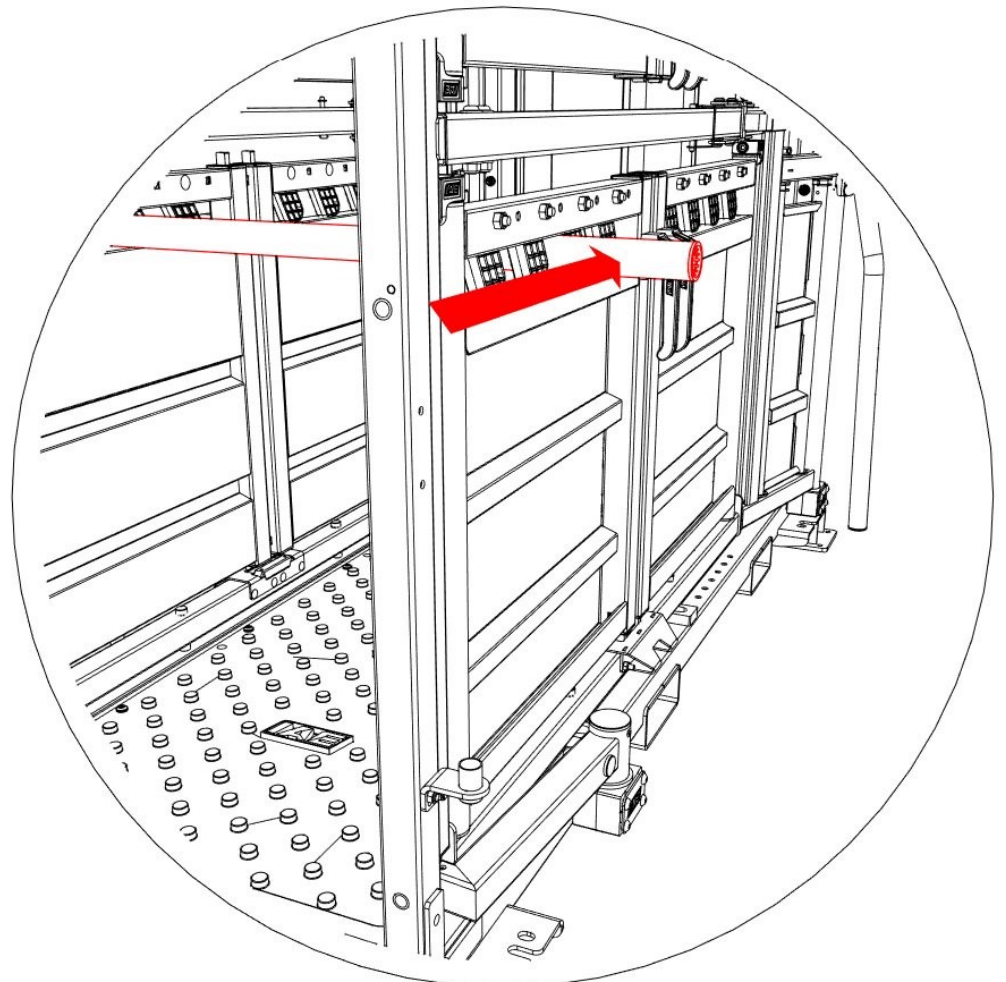




Instruction:  
position rump rail  
between the  
ratchet system,  
behind the animal's  
backside!

**CAUTION:** Animal must  
be inside the chute and  
yoked before positioning  
the rump rail.

Slide up to be **tight**  
behind animal's rear.



# RECOMMENDED MAINTENANCE

REGULAR MAINTENANCE CHECKS TO THE PRODUCT WILL GIVE EARLY WARNING OF ANY PROBLEMS, SUCH AS DAMAGE, CORROSION OR MISSING PARTS AND WILL ENSURE YOUR PRODUCT IS RUNNING SMOOTHLY AND SAFELY.

- ❑ General inspection of the entire product.
- ❑ Check operation of all spring-loaded latches, adjustment link arms associated with the side doors and auto yoke. Ensure all moving components are free of debris and are functioning correctly.
- ❑ Any damage to steelwork (causing exposure of bare metal) should be made good by rubbing down and applying x1 coat of galvanizing coating and x1 of oil based paint.
- ❑ Check all fasteners sets are tight. Ensure all parts are in place before each use.
- ❑ Remove any obstructions and cut away any vegetation growing on the kit.
- ❑ Lubricate all moving parts, in particular latches and locking systems
- ❑ Simply cleaning down after each use will increase the working life due to the highly corrosive effect of animal's urine and/or faeces.

## CONTACT

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