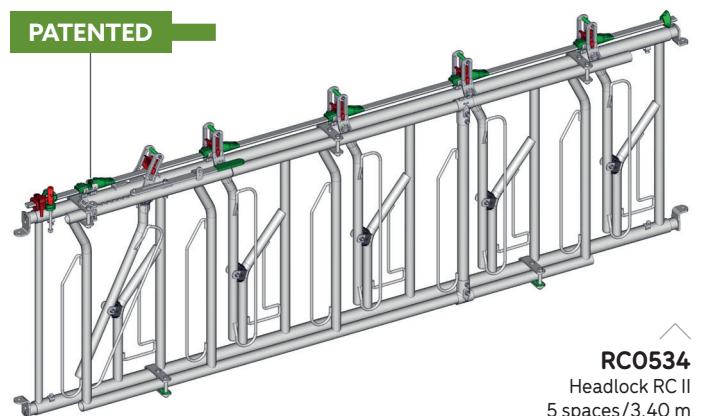
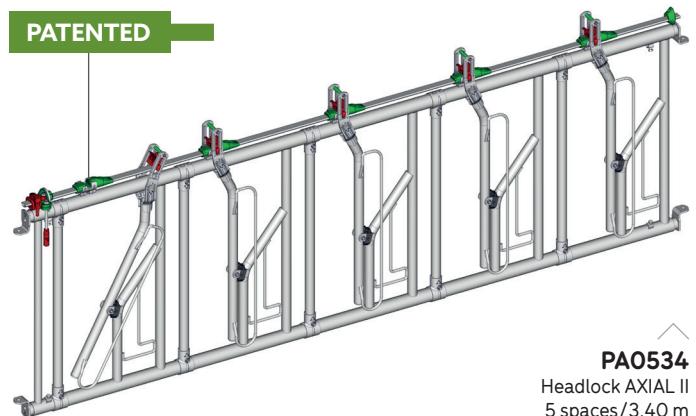


# HEADLOCK AXIAL II (ref. PA)

## & RC II (collective adjustment) (ref. RC)

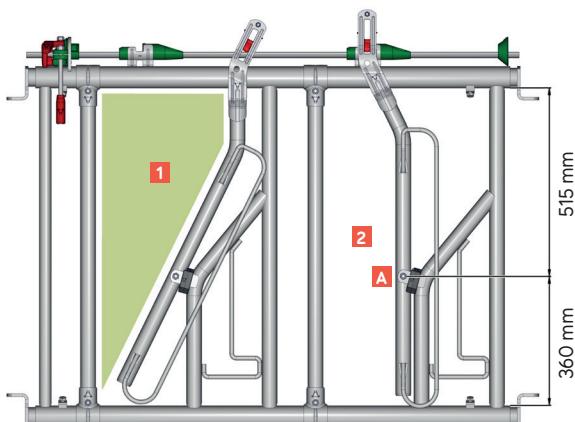
General conditions of use



## DESCRIPTION AXIAL II

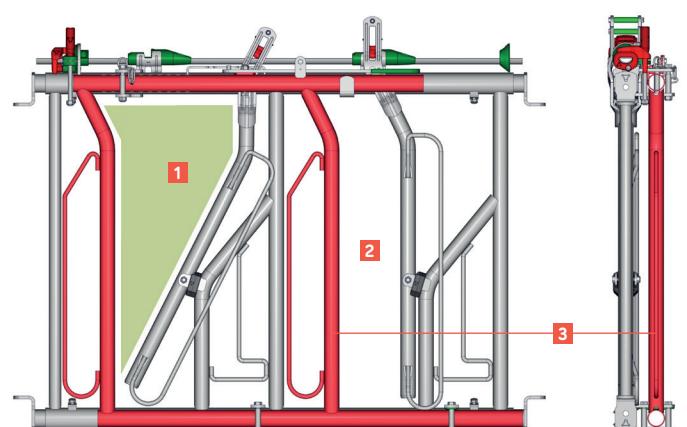
The Headlock AXIAL II features an **A** axis positioned at 360 mm for large opening, hence a wider head passage. The arched mobile arm offering a trapezoid head passage **1** with respect to the right mobile arms, ensuring comfort for small horned meat races.

The lock is in **2** position.



## DESCRIPTION RC II (COLLECTIVE ADJUSTMENT)

The Headlock RC II offers the benefits of the Headlock AXIAL II but fitted with a double frame **3** with a bar arched in the upper part. This double frame is used for collective adjustment of the neck of animals according to livestock growth. But it also allows full opening of the framework, hence using the Headlock as a secured free service. Please note that the penultimate place on the panel has an adjustable bar which, in the locking position, provides a place with a neck opened at maximum, for the bull.



Adapted to small horned breastfeeding bovines.  
For animals from 12 months to adulthood.

Immobilizes animals at the trough to limit feeding competition.  
Easy sorting of animals. Allows intervention of the breeder for current care.



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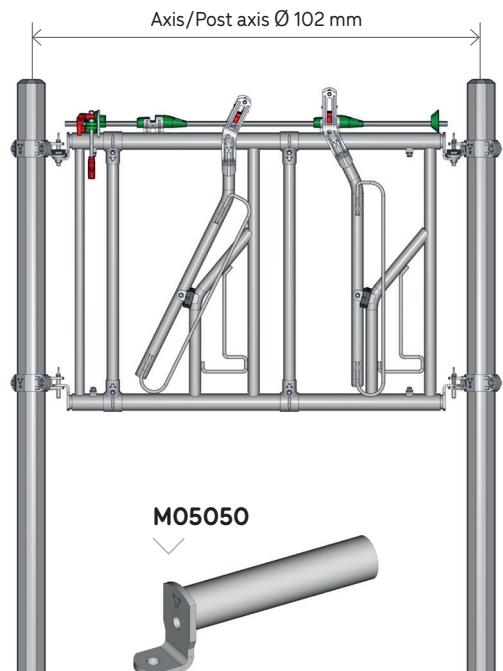
HEADLOCK AXIAL II (ref. PA) & RC II (ref. RC) | GCU

## INSTALLATION

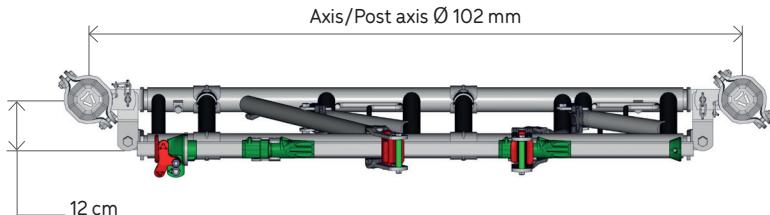
For Headlock **AXIAL II**, prefer a tilted assembly, by 12 cm maximum, for a better comfort and access to optimised power source.

**Headlock RC II** must be fitted straight to ensure proper operation of the panel.

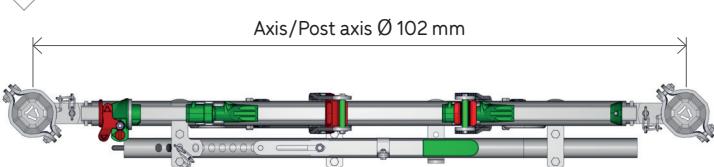
The nominal lengths correspond to specific axis/JOURDAIN post axis dimensions diameter 102 mm with standard ends ref. **MO5050** delivered in standard.



### AXIAL II (tilted assembly)



### RC II (straight assembly)



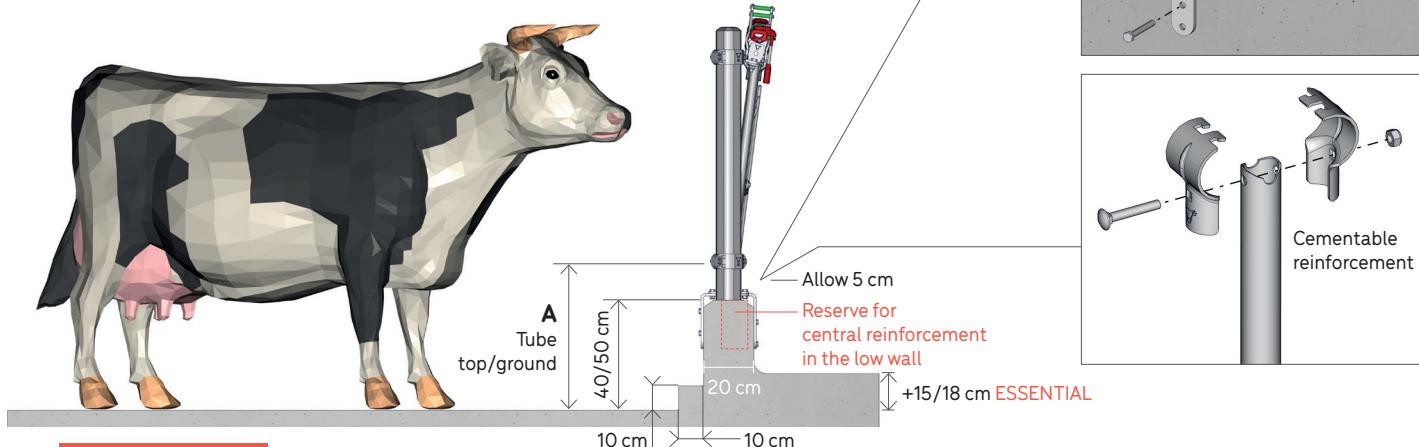
MO0260

## 1 Central reinforcement and fitting height

Indicative dimensions for medium-sized adult cows

Adult cow	55/65 cm
Young (6/12 months)	45/55 cm

A



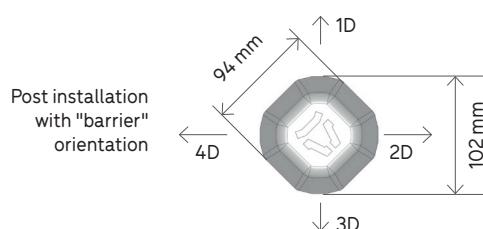
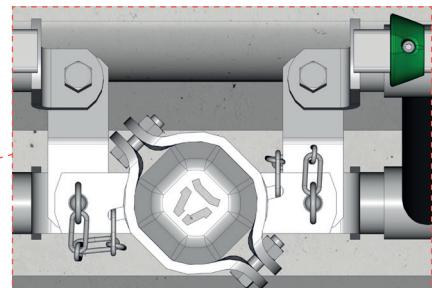
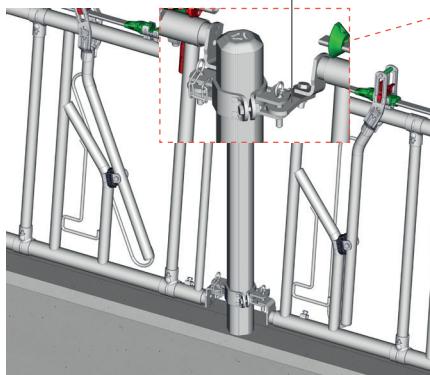
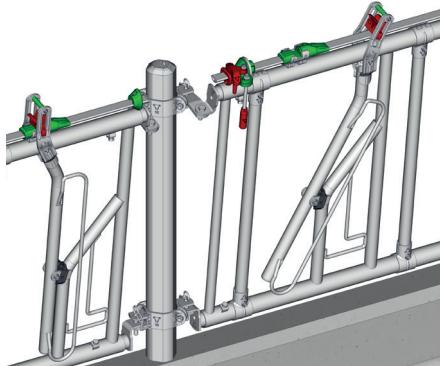
### CAUTION

For a Headlock panel 4 m in length or longer, cementable reinforcement is supplied. It must be cemented to the low-wall axis, or a screw-fitted version for prefabricated low walls is available to order ref. **MO0260**. For a Headlock panel 6 m in length, 2 reinforcements are recommended. To limit corrosion, the Headlock should not be in contact with the low wall.

## 2 102 mm post assembly / AXIAL II

With brackets and tilting ferrules ref. PRO298.

Assembly with brackets allows height adjustment.

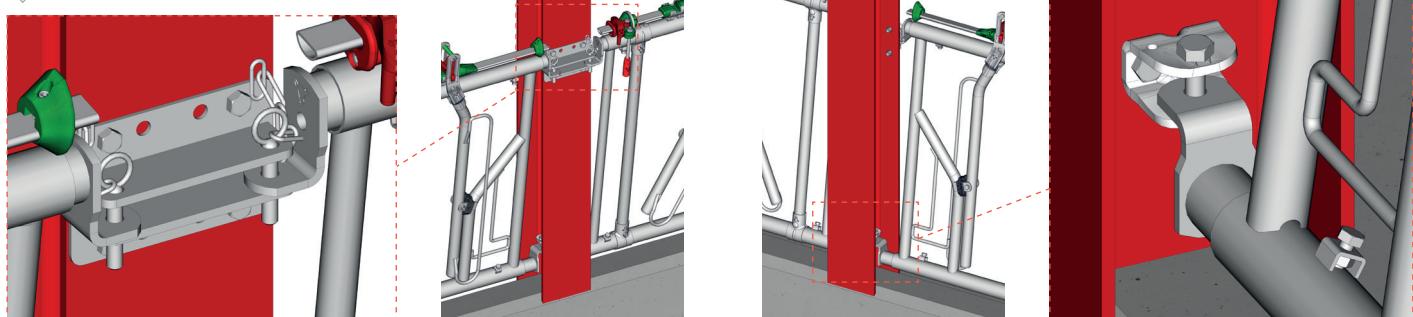


## 3 Framework post assembly / AXIAL II

With multifix ref. FE2017, reinforced multifix ref. FE2015 or extended multifix ref. FE2014 and dual yoke ref. FE2102.

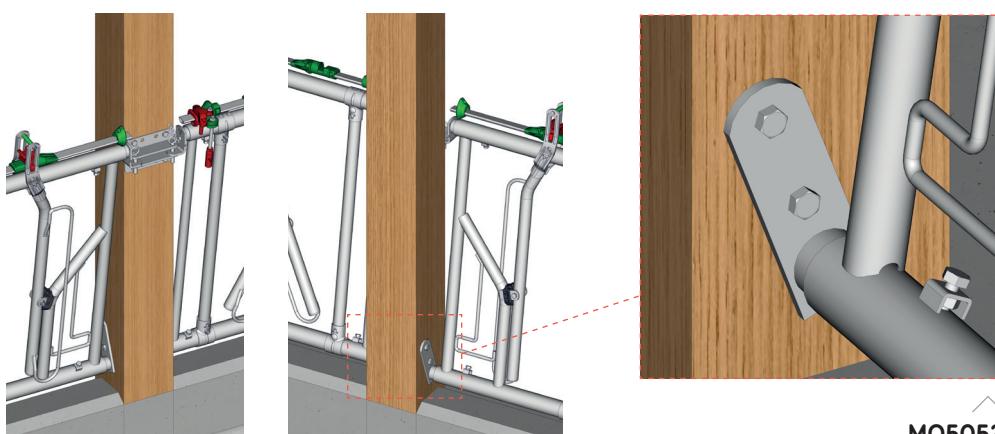
FE2017

FE2101



## 4 Wood post assembly / AXIAL II

With dual yoke ref. FE2101 and flat L end ref. MO5052.

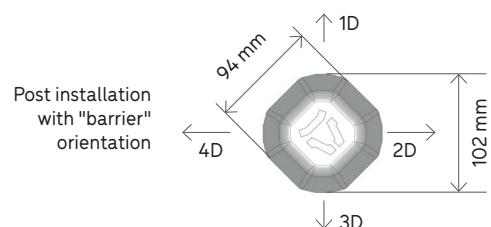
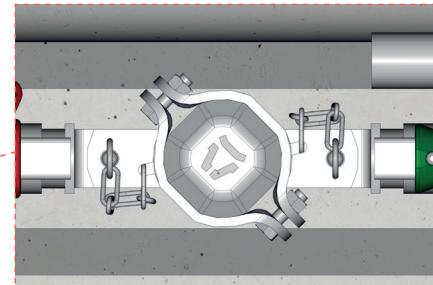
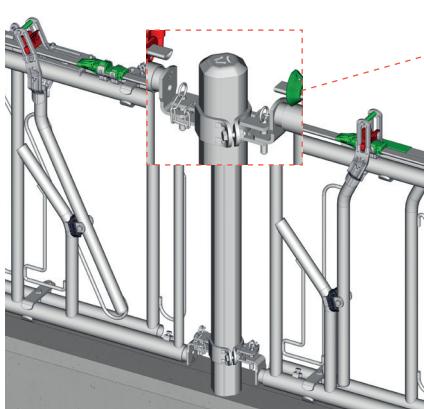
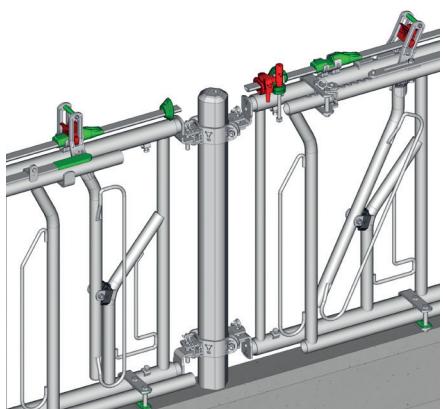


For 25 cm wooden posts maximum, do not omit to order 2 L-shaped flat ends ref. MO5052 per Headlock panel. Do not forget the seal on reinforcements.

MO5052

## 5 102 mm post assembly / RC II

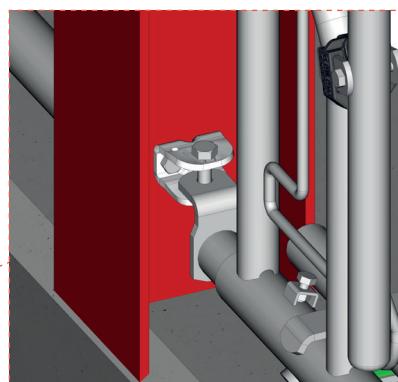
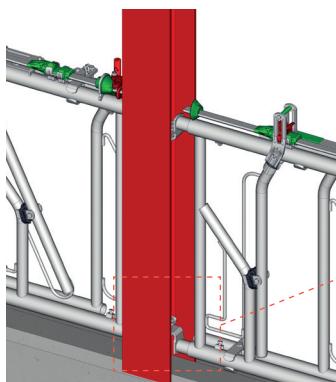
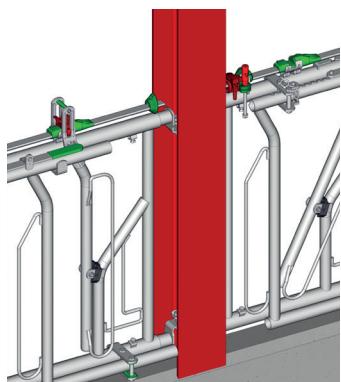
With brackets allowing height adjustment.



## 6 Framework post assembly / RC II

With multifix ref. FE2017, reinforced multifix ref. FE2015 or extended multifix ref. FE2014.

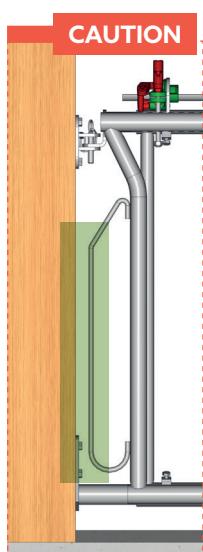
FE2017



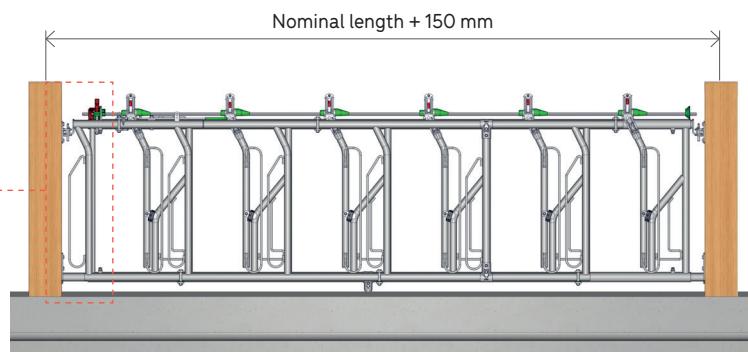
## 7 Wooden post assembly / RC II

With single yoke ref. FE2102 and flat L end ref. MO5052.

**CAUTION**

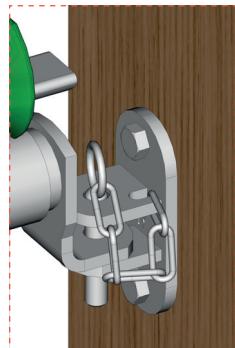


For a framework post and wooden post assembly, the opening of the dual frame at maximum requires a safety zone for the hands and maintaining a space to allow opening. Hence, the interior post footprint requires up to 150 mm more than the nominal length.

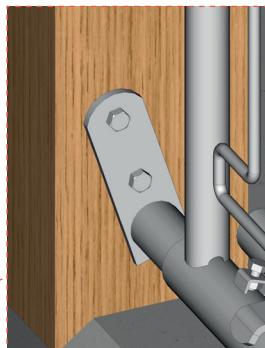
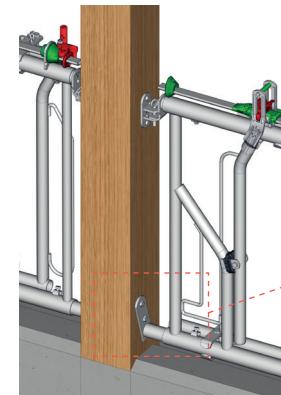
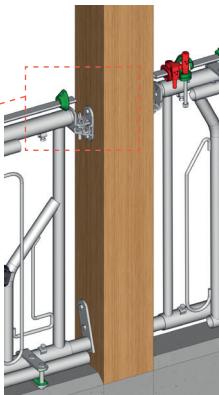




At maximum for 25 cm wood posts, do not omit to order 2 L-shaped flat ends ref. **MO5052** per Headlock panel. Do not forget the seal on reinforcements.



FE2102



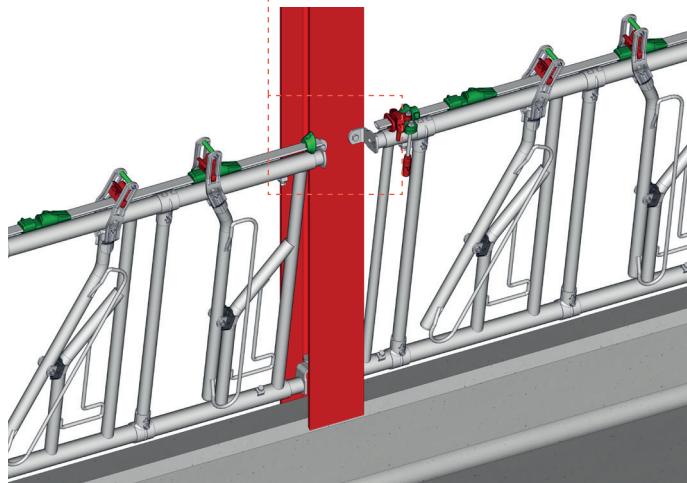
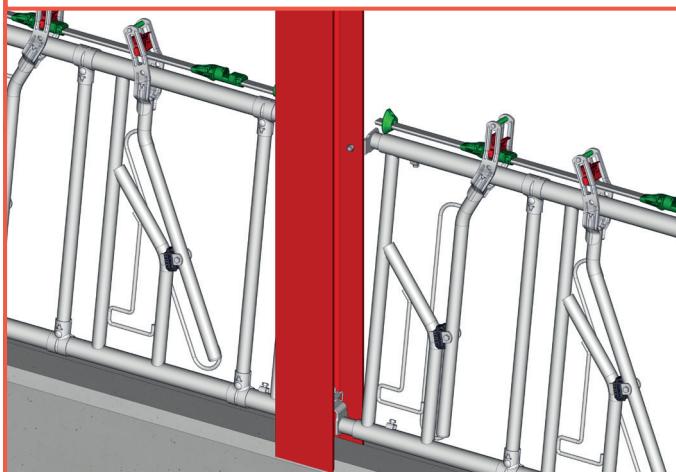
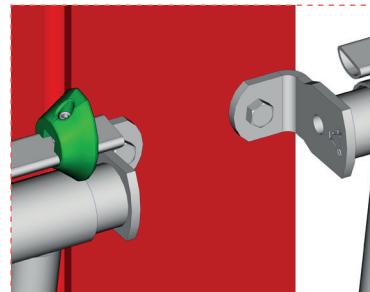
MO5052

## PROHIBITED ASSEMBLY

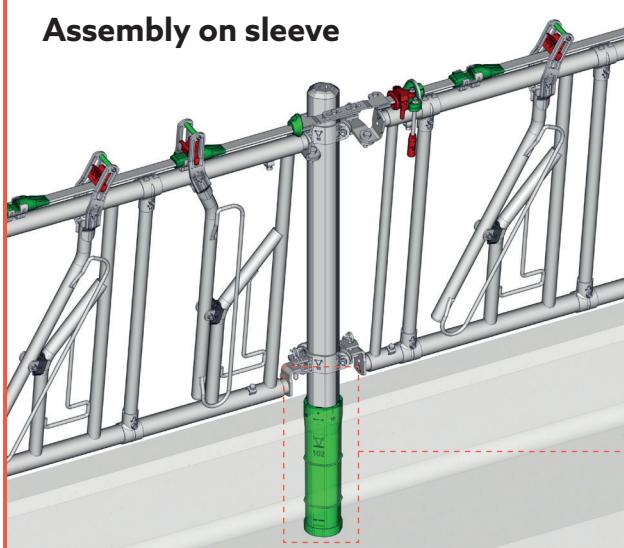
### Assembly on framework post

#### CAUTION

On building post with the ends directly bolted onto the post rigidly, there is no flexibility to animal thrust. Risk of end breakage and Headlock falling.

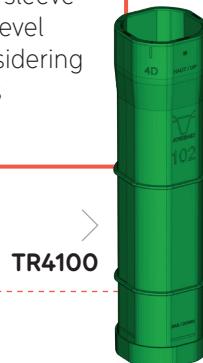


### Assembly on sleeve



#### CAUTION

It is not recommended to install a disassembly sleeve ref. **TR4100** on the level of the Headlock considering the thrust of animals at the trough.



## 8 Orientation

Place the head anti-passage lug on the feeding corridor side.

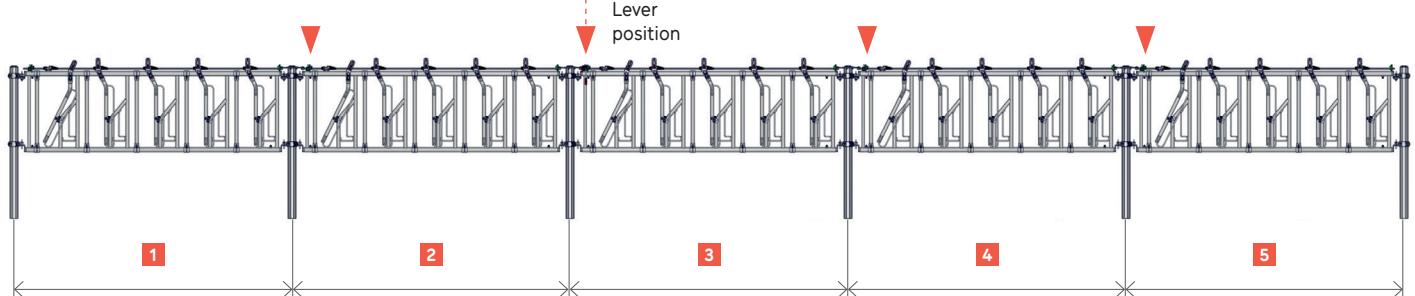
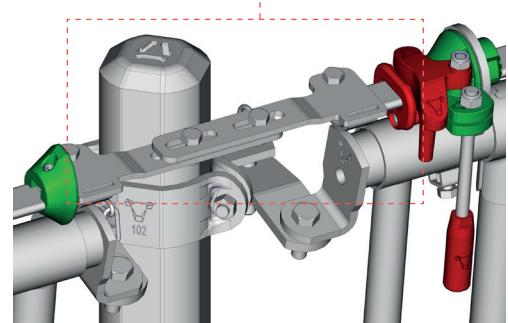
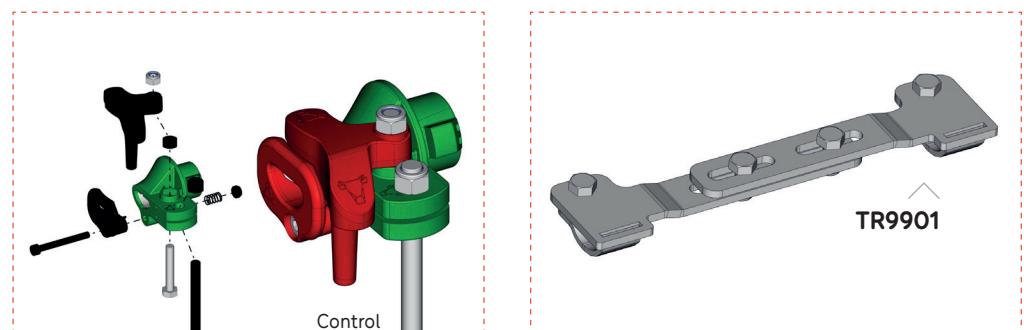
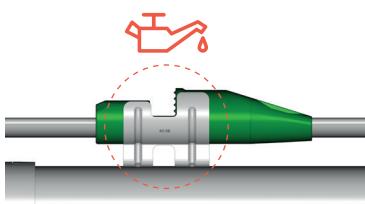


## 9 Control lever and linkage connection for tilted Headlock



The control lever makes it possible to manoeuvre a maximum of 5 panels and may be positioned in the middle. Use the linkage connection option ref. TR9901. Remove the indexers on the levers of the slave panels.

To ensure proper operation, the Headlock must be perfectly aligned, lubricate the rotation main bearings.



## HEADLOCK END

Different types of ends are available according to the posts used. The tilting ferrule, ref. **PRO298**, ensures tilting of the Headlock for connecting the control linkages and ensure more comfort and less effort when animals push on the top of the Headlock.

## CAUTION

Adjustable ends must not be stretched by more than 10 cm to the left, on the lever side and 6.5 cm to the right.

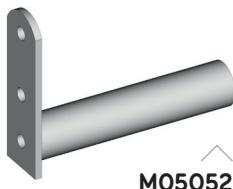
M05050



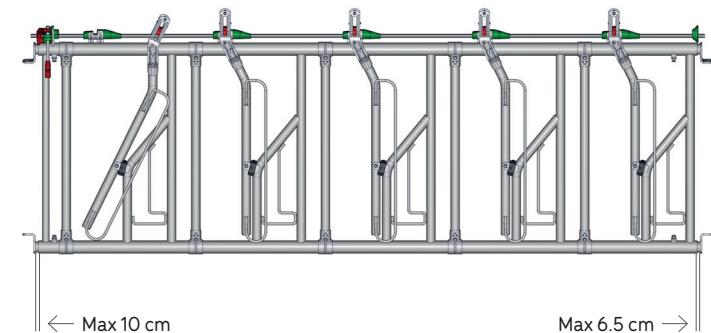
M05054



M05052



PRO298



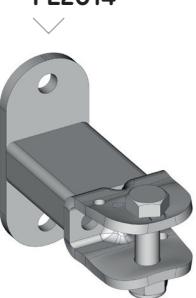
## 1 Models of Headlock fastening yokes

Different types of yoke and bracket available according to the posts. The multifix ref. **FE2017** and **FE2015** are planned for fittings on building post of the IPN type. On wooden posts, do not use the multifix **FE2017**. It is recommended to use the cap ref. **FE2095** to prevent animals from playing with the pins.

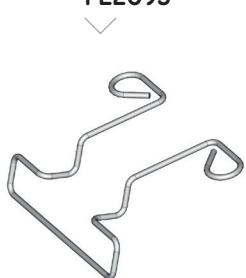
## CAUTION

Check the chains are maintained over time.

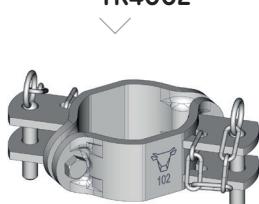
FE2014



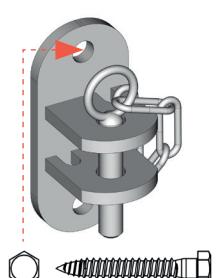
FE2095



TR4002

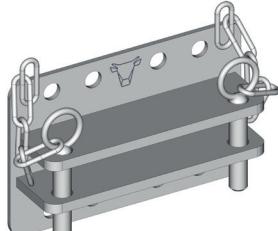


FE2002

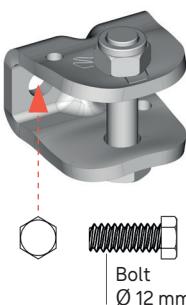


Wooden sleeper screw  
Ø 14 mm

FE2101



FE2017



FE2015



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HEADLOCK AXIAL II (ref. PA) & RC II (ref. RC) | GCU

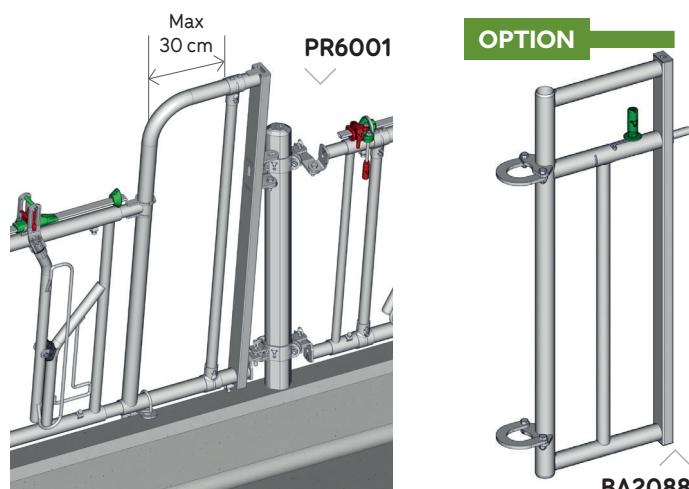
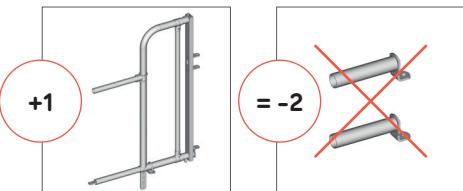
## 2 Installation of a man passage

The man passage end **ref. PR6001** is fitted instead of the two Headlock ends. It offers a 30 cm passage and allows one dairy cow to eat.

By removing the vertical bar and adding an opening gate **ref. BA2088**, it is possible to have 40 cm passage, but a place is lost to feed a dairy cow.

Plan man passages distributed regularly in order to simplify the work of the breeders.

This option inserted at the end of a Headlock with 5 places 3.40 m and 6 places 4.40 m allows covering a post centre distance of 4 and 5 m respectively.



### CAUTION

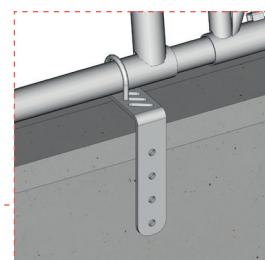
Always fasten the dairy wall reinforcement supplied with the passage as well as the reinforcement of the Headlock.

PR6001



PR6001  
+ BA2088

TR9903



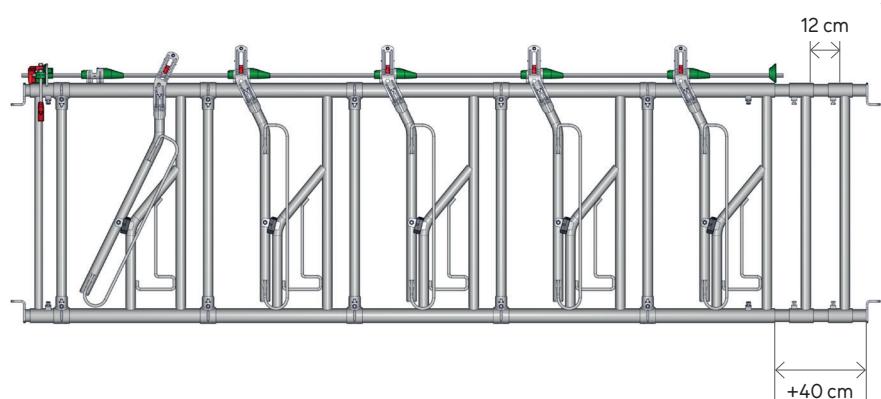
## 3 Installing an extended Headlock end

The extended Headlock end **ref. PR5052** is fitted instead of the two Headlock ends. This makes it possible to extend a 40 cm Headlock panel.



CAUTION

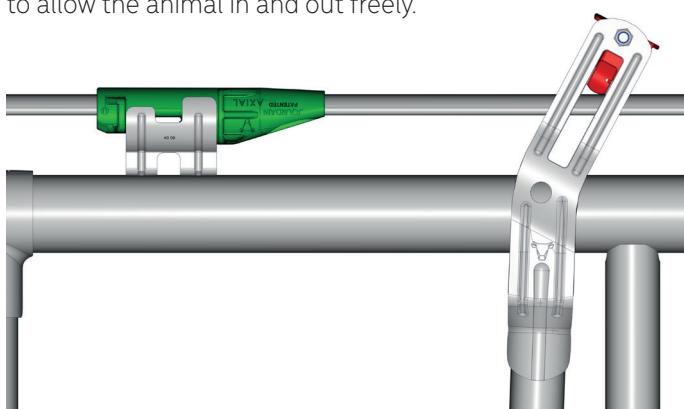
Do not forget to add an additional bar **ref. PR5053** to avoid a dangerous zone. A space of more than 12 cm creates a hanging risk for calves.



## USE

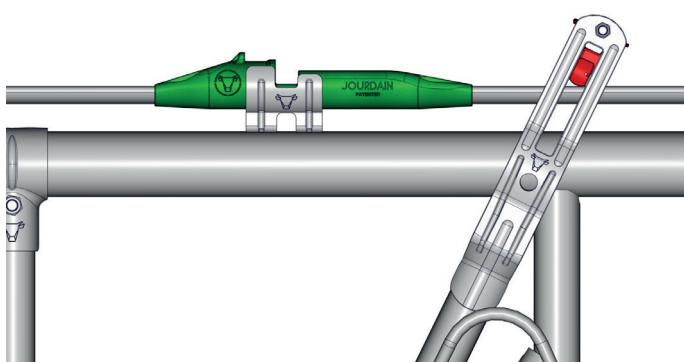
### 1 Free-service position

The linkage has a free-service position allowing to allow the animal in and out freely.



### 2 Locking position

By unlocking with one hand and turning the linkage by a half-turn, it moves into the locking position and allows blocking all the animals regularly at the Headlock. Once they are used to it, the Headlock becomes a contention tool making it easy to calmly trap animals.



#### CAUTION

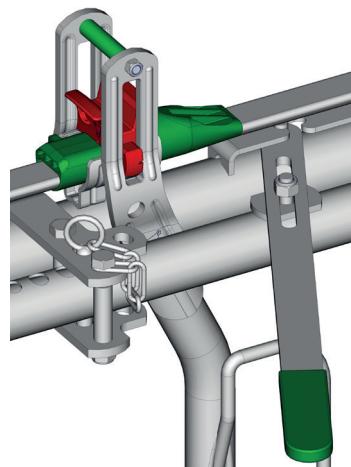
Beware safety when the animals approach the Headlock.

### 3 Adjusting the dual sliding framework (RC II)

The adjustment of the dual framework can be performed easily by hand by removing the pin and sliding the framework to the position required. It is possible to use the lever to have more force: lock the mobile arms of the first place, position the lever in the rack, remove the pin, adjust the framework to the position required and refit the pin.

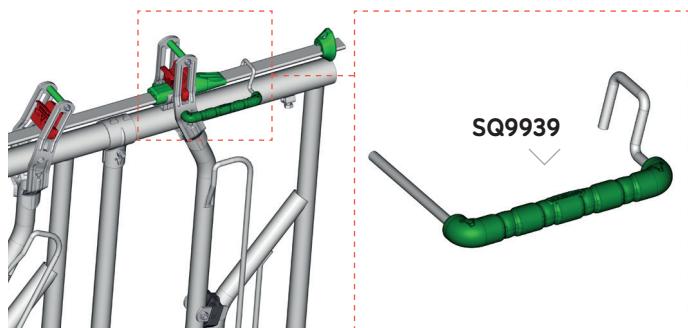
The precise adjustment of the dual framework (every 13 mm) allows fast adjustment of the necks according to the livestock and ages.

**Caution! The adjustment must be done without animals in the Headlock for more safety.**



## 4 Maintaining an animal individually at the Headlock

Install the individual locking axis **ref. SQ9939** then turn the linkage to the locking position. The ergonomic metallic part allows blocking the animal safely before any intervention.

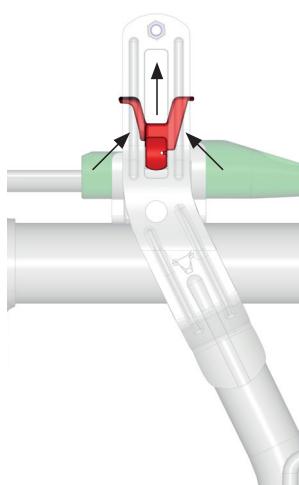


## 5 Unlocking

A restrained animal can be unlocked by lifting the red pin using the 2 wings, while remaining cautious with regard to any sudden animals from the animal or the mobile arm.

### CAUTION

Do not place your hand on the Headlock when unlocking. Ensure that all animal well-being regulations are respected.



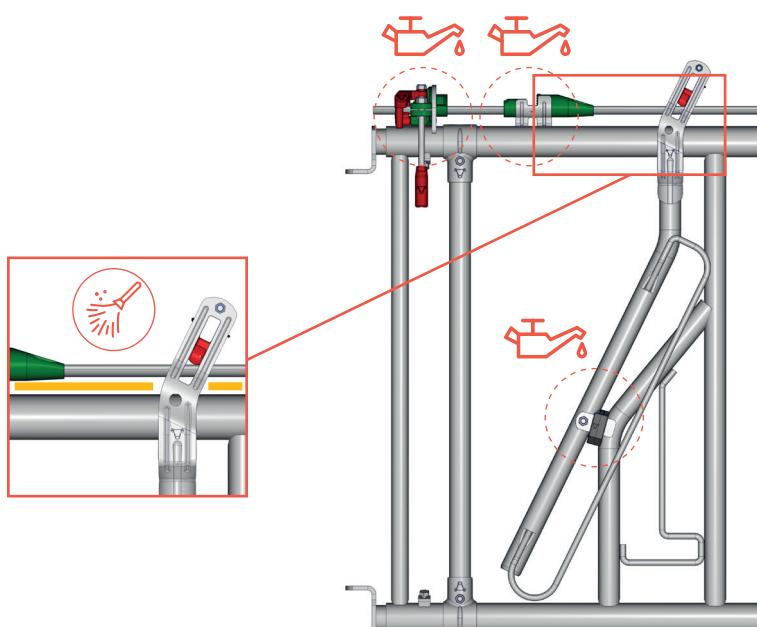
## ■ AXIAL II MAINTENANCE



Lubricate regularly the moving parts, the hinge axes of mobile arms, control levers and any part necessary. Check screw tightness.



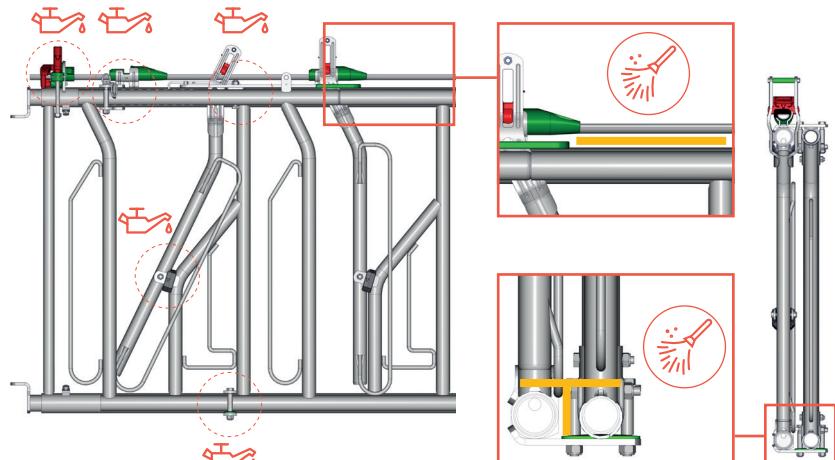
Clean regularly between the control linkage and the longeron.



## RC II MAINTENANCE



Lubricate regularly the moving parts, the hinge axes of mobile arms, control levers, dual framework guides and any part necessary. Check screw tightness.



Clean regularly between the control linkage and the longeron as well as between the framework and the sliding dual framework.

### SAFETY

The installation and height of the Headlock must be adapted according to the installation and livestock **E**.

The neck restraint (the dimensions of the animal's neck) can be adjusted by the farmer according to the animals, their age and their morphology.

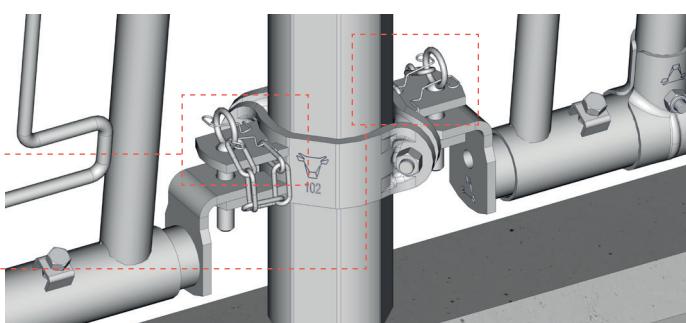
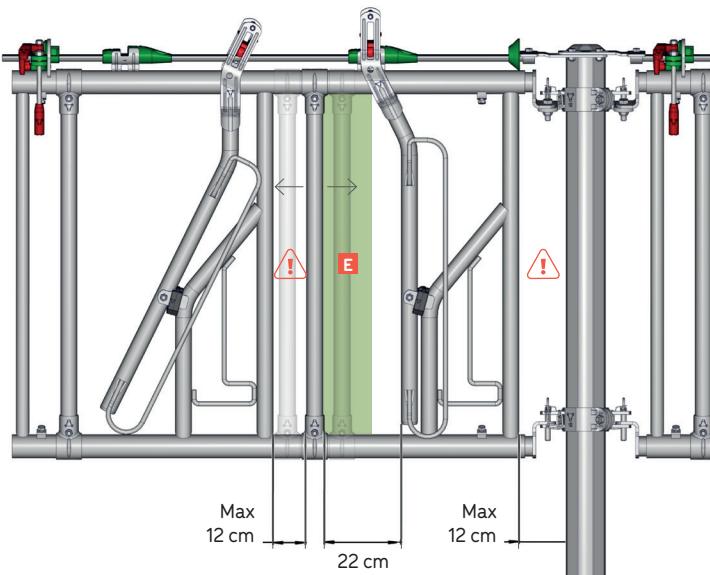
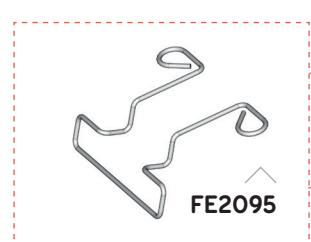
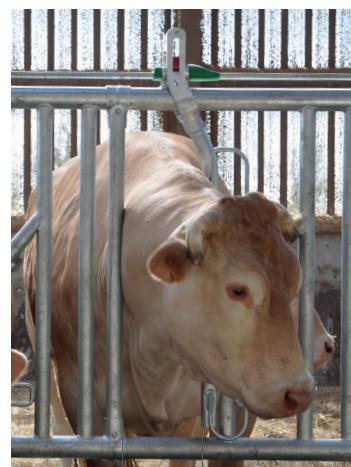
For a dairy cow, we recommend a setting of between 22 and 24 cm.

### CAUTION

For safety, leave a maximum of 12 cm for a calf.



Also check the fasteners of the Headlock, the chains must remain in position. If removed by the animals, refit them and install in option the cage **ref. FE2095** to prevent opening by the animals.



**JOURDAIN**  
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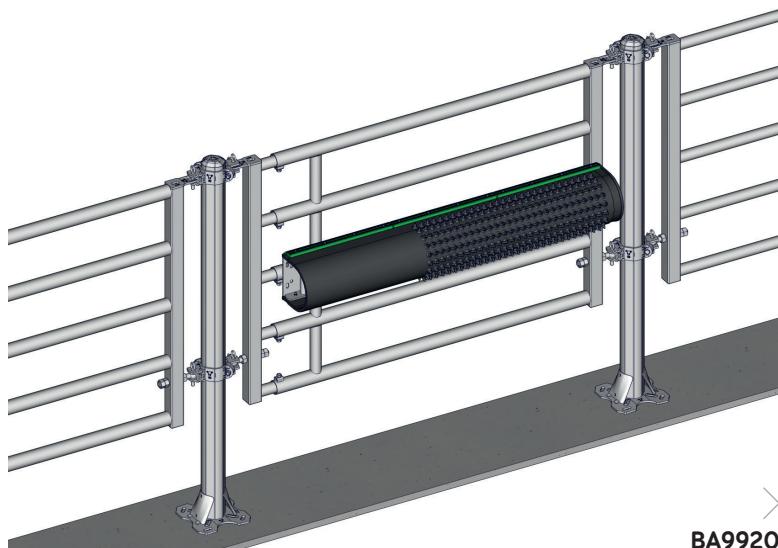
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HEADLOCK AXIAL II (ref. PA) & RC II (ref. RC) | GCU

11/17

## Grat'O Gratte

The regular installation of Grat'O Gratte brushes is a source of comfort for animals and discourages them from scratching on equipment and causing damage or injury.



BA9920

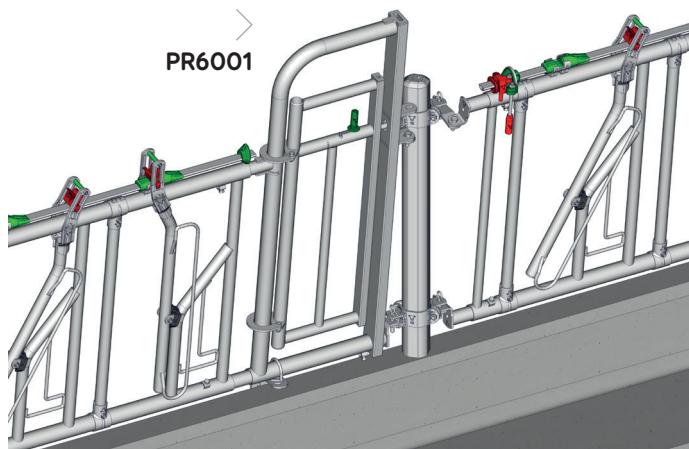
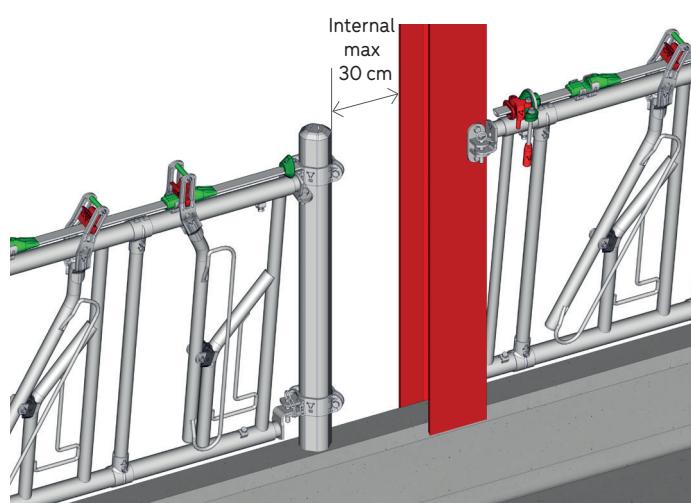
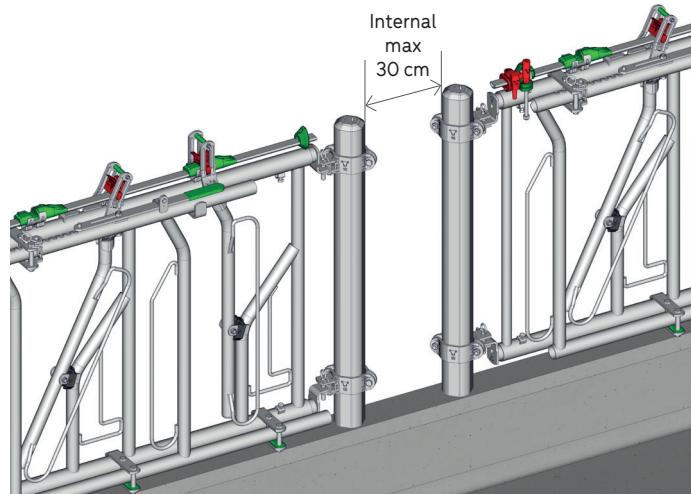


## Headlock man passage

Fitting a man passage in the Headlock, or a passage between two remote posts, must be planned as much as possible for a safety escape for the breeder, with quick opening and closing. It is recommended to fit a man passage every 6 panels.

### CAUTION

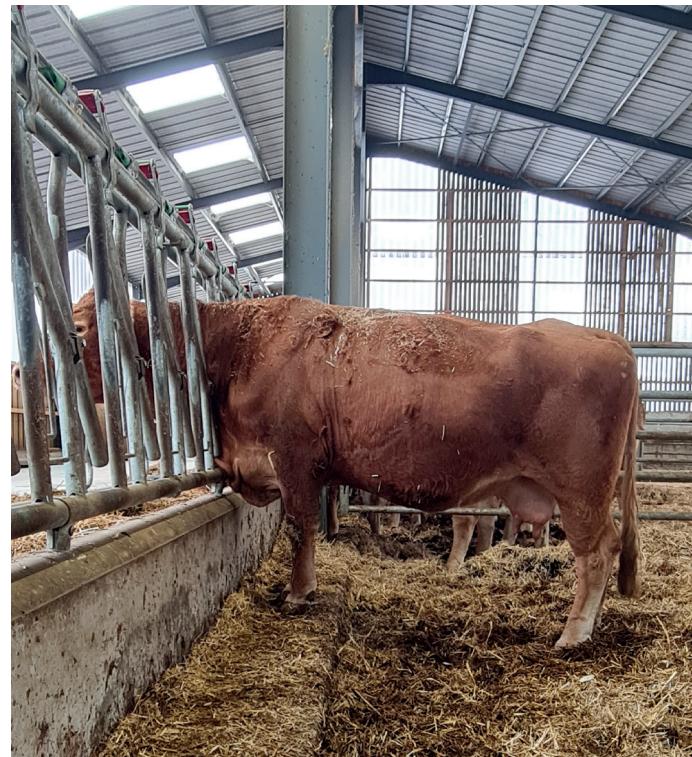
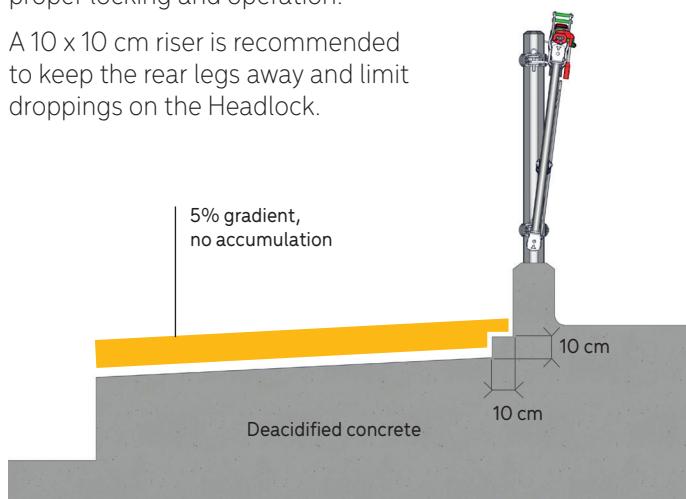
A 30 cm passage, without closing, between posts presents a risk of blocking or passage of a young animal.





The step on the animal side, if subject to build up, must be cured regularly to ensure the animals are always at the same height of the Headlock, to ensure proper locking and operation.

A 10 x 10 cm riser is recommended to keep the rear legs away and limit droppings on the Headlock.



During the absence of the breeder in the building, and particularly during the night, leave the Headlock in the free service position and on the RC model, according to the size of the animals, leave the dual framework in the safety position opened completely. In this case, there is a risk of young animals exiting in the feeding corridor.



## CAUTION

Animals with collars are a source of potential accident in the equipment, check the tightening of the collar according to the morphological evolution of the animal. Use a collar with a safety device.

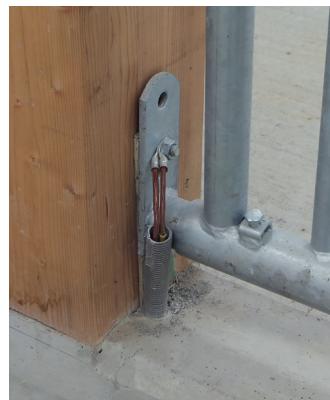
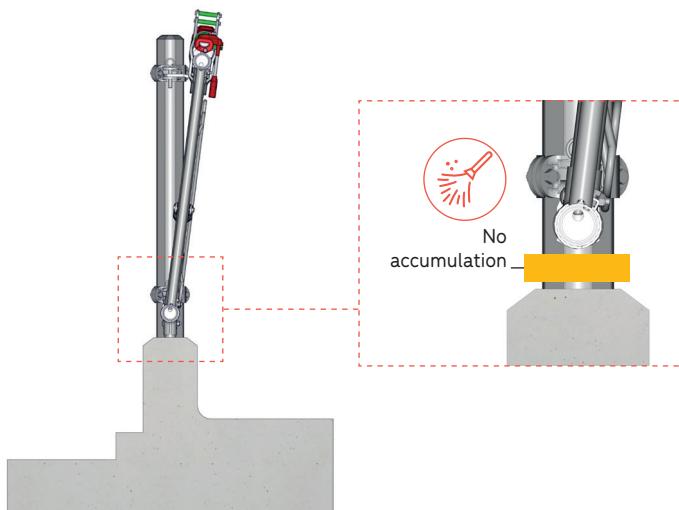
Despite the great care we take in the design of our products, always striving for optimal animal well-being and maximum safety levels. JOURDAIN cannot be held liable in the event of any accidents involving animals.

The knowledge and daily surveillance of the livestock by the breeder remain the most securing solutions to prevent accidents.

## CORROSION

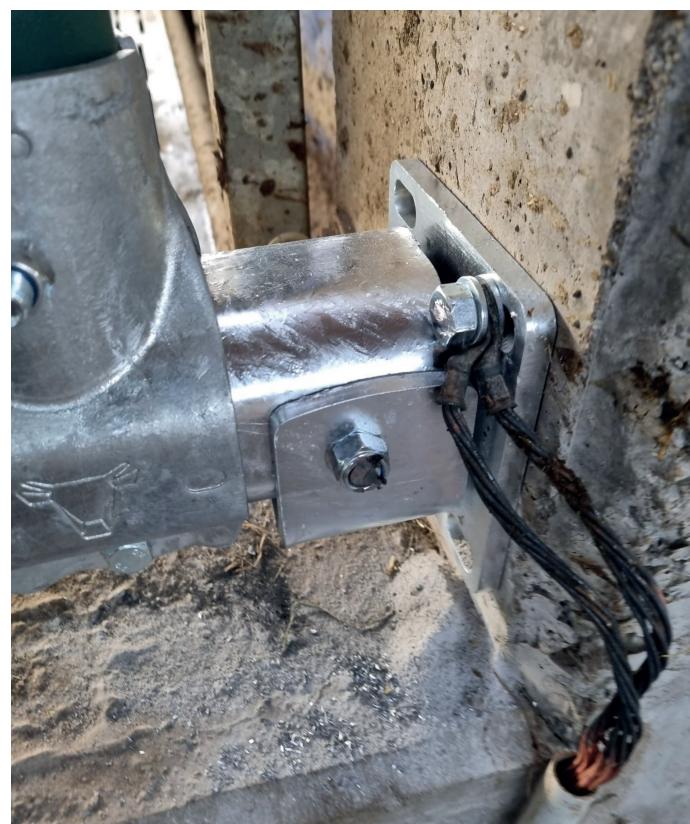
Ground the equipment for safety and to limit corrosion. It is possible to fit a heat-shrinking sheath ref. TR0101 or a themolacquered post to limit corrosion.

The accumulation of silage on the Headlock wall can cause corrosion of the lower longeron.



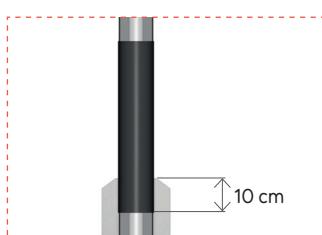
## CAUTION

Corrosion in the breeding buildings is frequent because of the aggressive agents and the environment, do not omit to brush and paint with an asphalt paint upon the apparition of the first traces.



TR0101

TR0121



Adapt the height of the sock to the contact area, 10 cm under the concrete, and leave the metal post cemented in direct contact with the concrete.

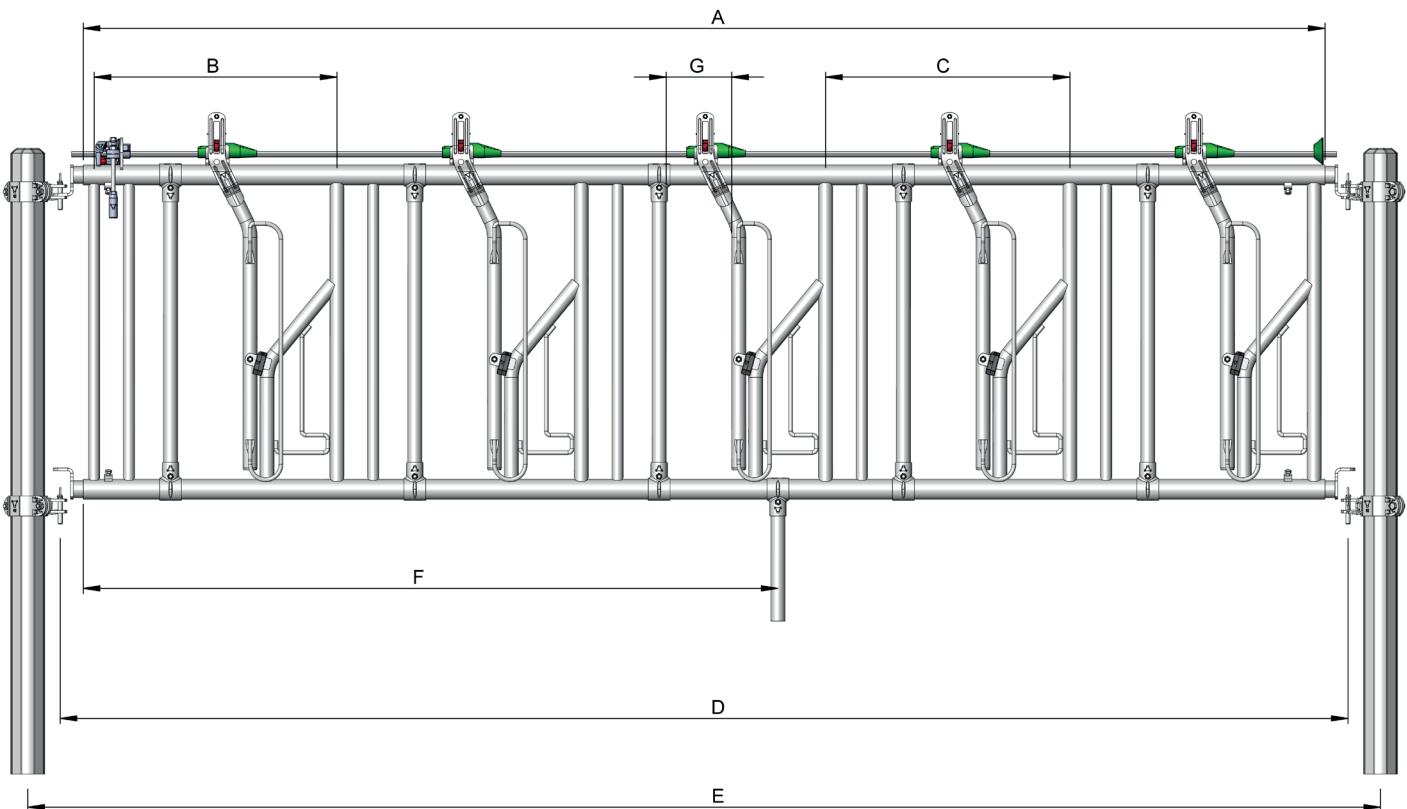


## TECHNICAL LITERATURE

NOTE: The dimensions are given in mm (mm).

- A** Longeron length
- B** Starting space dimensions
- C** Dimension of the place per cow
- D** Fixing spacing
- E** Post spacing
- F** Cementable reinforcement position
- G** Max neck restraint

Headlock AXIAL II  
(assembly on post  
CLOVER Ø 102 mm,  
bracket & standard ends  
ref. MO5050)



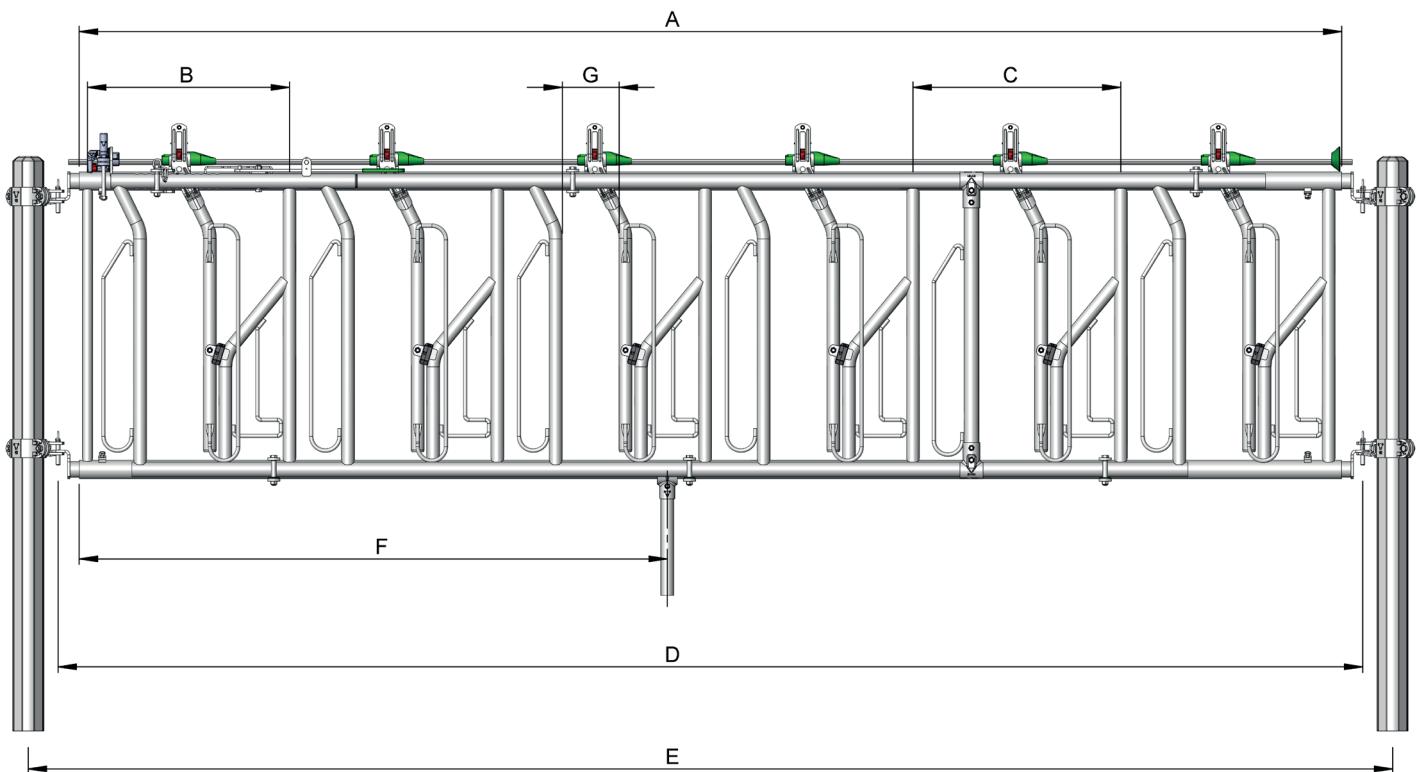
Ref. Pricing	AXIAL II Headlock Designation	A	B	C	D (min)	E (min)	D (max)	E (max)	F	G (max)
<b>PA0110</b>	1 p. / 1 m	720	657	-	808	1,004	970	1,166	-	310
<b>PA0216</b>	2 p. / 1.60 m	1,310	619	628	1,398	1,594	1,560	1,756	-	270
<b>PA0534</b>	5 p. / 3.40 m	3,110	596	610	3,198	3,394	3,360	3,556	-	255
<b>PA0540</b>	5 p. / 4 m	3,700	724	728	3,788	3,984	3,950	4,146	2,070	270
<b>PA0640</b>	6 p. / 4 m	3,700	593	610	3,788	3,984	3,950	4,146	1,770	255
<b>PA0644</b>	6 p. / 4.40 m	4,100	656	675	4,188	4,384	4,350	4,546	1,970	320
<b>PA0650</b>	6 p. / 5 m	4,700	769	774	4,788	4,984	4,950	5,146	2,290	315
<b>PA0750</b>	7 p. / 5 m	4,700	660	664	4,788	4,984	4,950	5,146	2,530	305
<b>PA0850</b>	8 p. / 5 m	4,700	577	581	4,788	4,984	4,950	5,146	2,280	225
<b>PA0860</b>	8 p. / 6 m	5,700	701	705	5,788	5,984	5,950	6,146	2,790	245
<b>PA0960</b>	9 p. / 6 m	5,700	619	628	5,788	5,984	5,950	6,146	3,030	270
<b>PA1060</b>	10 p. / 6 m	5,700	580	562	5,788	5,984	5,950	6,146	2,790	205

## TECHNICAL LITERATURE

NOTE: The dimensions are given in mm (mm).

- A** Longeron length
- B** Starting space dimensions
- C** Dimension of the place per cow
- D** Fixing spacing
- E** Post spacing
- F** Cementable reinforcement position
- G** Min / max neck (= open)

Headlock RC II  
(assembly on post  
CLOVER Ø 102 mm,  
bracket & standard ends  
ref. MO5050)



Ref. Pricing	RC II Headlock Designation	A	B	C	D (min)	E (min)	D (max)	E (max)	F	G (max)
<b>RC0216</b>	2 p. / 1.60 m	1,310	619	628	1,398	1,594	1,560	1,756	-	139 / 326
<b>RC0534</b>	5 p. / 3.40 m	3,110	596	610	3,198	3,394	3,360	3,556	-	135 / 314
<b>RC0640</b>	6 p. / 4 m	3,700	593	610	3,788	3,984	3,950	4,146	1,720	139 / 309
<b>RC0644</b>	6 p. / 4.40 m	4,100	656	675	4,188	4,384	4,350	4,546	1,910	139 / 374
<b>RC0750</b>	7 p. / 5 m	4,700	660	664	4,788	4,984	4,950	5,146	2,540	143 / 363
<b>RC0850</b>	8 p. / 5 m	4,700	577	581	4,788	4,984	4,950	5,146	2,220	139 / 280
<b>RC0860</b>	8 p. / 6 m	5,700	701	705	5,788	5,984	5,950	6,146	2,720	144 / 307
<b>RC0960</b>	9 p. / 6 m	5,700	619	628	5,788	5,984	5,950	6,146	3,020	144 / 332
<b>RC1060</b>	10 p. / 6 m	5,700	580	562	5,788	5,984	5,950	6,146	2,730	139 / 261

Remark: adjustment every 13 mm.



The "Made in France" logo is a label that manufacturers or distributors may attach to their products under certain conditions in order to attest to their French origin:

- if a significant part of its value is derived from one or several production phases located in France,
- or if it has undergone its final substantial processing in France (source: [www.economie.gouv.fr](http://www.economie.gouv.fr)).

For JOURDAIN, this definition of "Made in France" is not enough, which is why we have created our own logo, certifying a much stronger commitment:

- the French manufacture of our products guarantees total control of design, manufacture, quality control and logistics in house, on our Escrennes site (in the central French department of Loiret).



Find all  
our products



[WWW.JOURDAIN-GROUP.COM](http://WWW.JOURDAIN-GROUP.COM)