



AGROŠTERN
Kvaliteta za dobro ceno

CATALOGUE

SEASON 2016 - 2017

CATTLE | HORSE | PIG | GOAT | SHEEP



HANDLING



IDENTIFICATION



WEIGHING



MARÉCHALLE

CONTENTION ■ PESAGE ■ IDENTIFICATION

French manufacturer of handling and weighing equipment for livestock for over 50 years

www.marechalle-pesage.com

EDITO

CETTE ANNÉE, NOUS AVONS LE PLAISIR DE VOUS INVITER À UN VOYAGE DANS LE TEMPS, LAISSEZ-VOUS CONTER L'HISTOIRE DE MARECHALLE PESAGE DE SA CRÉATION À NOS JOURS.

1947 PIERRE JOSEPH MARECHALLE, BALANCIER.

1952 PIERRE JEAN, LE FILS DE PIERRE JOSEPH, SE LANCE DANS LA FABRICATION DE BASCULES-ENSACHEUSES POUR CHARBON.

1963 PIERRE JEAN MARECHALLE RACHÈTE UN BREVET ET C'EST LE DÉBUT DE LA FABRICATION DE PÈSE-BÉTAIL.

SUR LES SALONS AGRICOLES, LES PÈSE-BÉTAIL FONT FUREUR, LES CENS FONT LA QUEUE POUR PASSER COMMANDE. PIERRE MARECHALLE COMMENCE À SE FAIRE CONNAÎTRE ET MARECHALLE DEVIENT UNE MARQUE DE RÉFÉRENCE !

CAGE DE CONTENITION ET DE PESAGE PM 2400 : NOS CAGES SONT CONÇUES POUR LE BIEN-ÊTRE DES ANIMAUX ET L'ÉLEVEUR PEUT TRAVAILLER SEUL EN TOUTE SÉCURITÉ !

1993 PIERRE CLAUDE, FILS DE PIERRE JEAN, CRÉE AVEC SA FEMME LYDIE, MARECHALLE PESAGE MÉTROLOGIE, INSTRUMENTS DE PESAGE INDUSTRIEL, PONT-BASCULE, RÉPARATION.

2008 NOUVELLE CAGE DE CONTENITION AVEC PAROIS RÉTRACTABLES EN LARGEUR PM 2800.

2013 INNOVATION D'UNE CAGE DE PESÉE AUTONOME, LA PM 6000 LIBERTY. PROX INNOV'SPACE 3 ÉTOILES POUR CE PRODUIT.

2014 LANCEMENT D'UNE NOUVELLE CAGE DE PARAGE ÉLECTRIQUE POUR VACHES LAITIÈRES PM 4500.

2015 DÉMÉNAGEMENT DANS NOTRE NOUVELLE USINE DE CHAUNY, AVENUE JEAN JAURES. NOTRE ATELIER EST PLUS GRAND ET NOS BUREAUX PLUS FONCTIONNELS. NOS PRODUITS ÉVOLVERONT TOUJOURS PLUS !

2016 EN ROUTE POUR DE NOUVELLES AVENTURES !

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MILK CATTLE



BEEF CATTLE



CALVES



HORSES



PIGS



GOATS



SHEEP

Non contractual document.
In the interest of continuous
improvement of our products,
we may change specifications
without notice.



Legal Metrology



RS232 Interface



USB Interface



Interne rechargeable battery



Backlit display



Counting



Dynamic weighing



Totalisation



Protection indication

HANDLING

WORK IN TOTAL SAFETY WITH A SUITABLE HANDLING EQUIPMENT



- Having a suitable handling equipment is ensuring work safety for you and your employees.
- This saves valuable time!
- The animals, well handled, will be calmer and more relaxed, so you can manipulate and treat them more easily.
- And an animal that stays calm and is well cared for will give you more tender meat and produce more milk.

Improve your **productivity!**



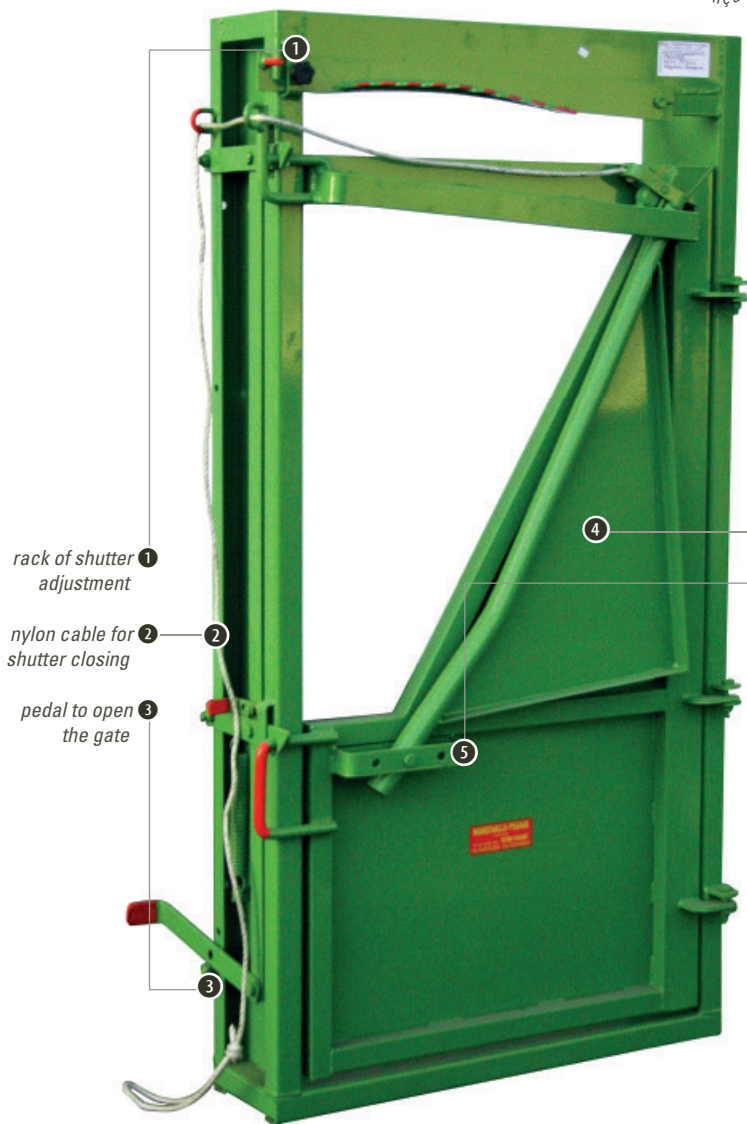
CORNADIS HEADGATE PM 80



Internal dimensions

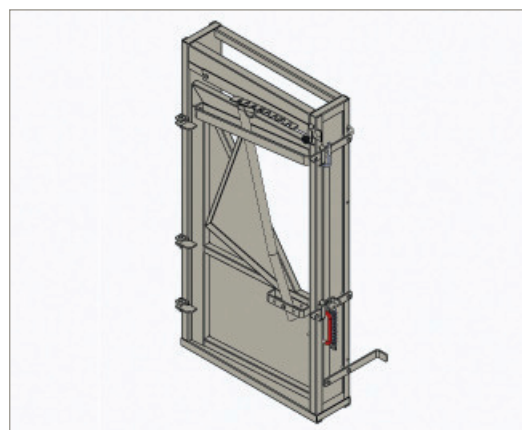
width 0.82 m
height 1.70 m
depth 0.30 m

Gross weight: 100 kg



TECHNICAL FEATURES

- Headgate to be installed at the end of a corridor.
- Frame in folded sheet.
- Simple closing of the neck aperture with the rope.
- Possibility of blocking various sizes of animals.
- Opening with maneuverable pedal by foot or hand.
- Product available in paint or galvanized.



PRODUCT BENEFITS

- Possibility to install the headgate against a wall.

USER BENEFITS

- Time saving on treatments.
- Work in total safety for a single person.
- Easier to handle.

OPTION

Reverse model for door: handle on the left side from a front view

UNIVERSAL HEADGATE PM 93



Internal dimensions
width 0.82 m
height 1.80 m
depth 0.50 m

Gross weight: 268 kg

NEW

safety basket ③
larger and longer
shutters ④

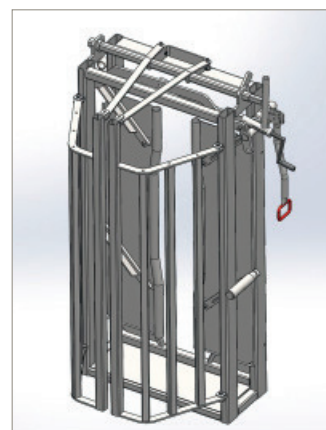


TECHNICAL FEATURES

- Reversible headgate, handles of safety basket and shutters can be fixed on right or left side.
- Good access to the animal for all treatments on the head.
- Fast and silent opening and closing of the safety basket with rotating handle.
- Shutters are closer to the structure, which avoids trapping of legs or head between the shutters and the frame.
- Quick catch of the animal with safety basket.
- Crank adjustment for neck aperture.
- Unlocking of the basket possible to have a larger access to the animal's head.
- Product available in paint or galvanized (shutters always galvanized).

① rotating and reversible handle

② higher shutters adjustment



ANIMAL COMFORT

- Silent headgate.
- Fast release of the animal if necessary.
- Less risk of injury.

USER BENEFITS

- Time saving on treatments.
- Work in total safety by a single person.
- Handles can be installed on the right or left side, without return to factory.
- Easier to handle.

OPTIONS

Lift bracket for muzzle

Manual or Pneumatic scoop head up

Pneumatic automatisation (see p. 18)

Brackets for fixing fences

AUTO-LOCKING HEADGATE PM 85

Internal dimensions

width 0.82 m
height 1.70 m
depth 0.60 m

Gross weight: 195 kg



neck aperture adjustment 4

autolocking shutters 5

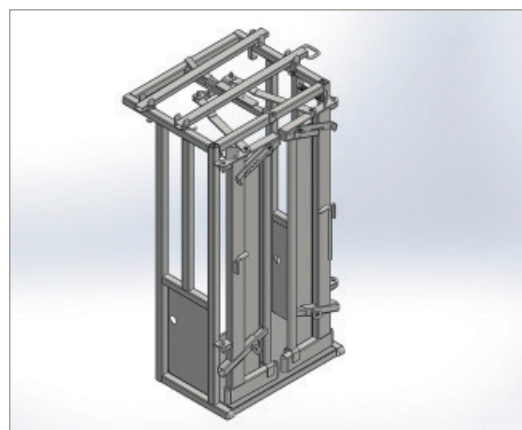
TECHNICAL FEATURES

- For dehorned animals only.
- The animal blocks itself by pushing on the shutters with its shoulders.
- Quick work automatism.
- Good access to the front for all treatments.
- Easy adjustable neck aperture.
- Opening lever can be mounted on right or left side.
- Possibility to unlock the system if we don't want to block the animals.
- Possibility to lift the opening lever from a distance using a rope.
- Product available in paint or galvanized.

1 security maneuver

2 opening lever

3 removable help lever opening



USER BENEFITS

- Work from a distance: limited movements.
- Work comfort: less handling.
- Fast use: time saving.
- Use by a single person.

OPTIONS

Lift bracket for muzzle

Manual or Pneumatic scoop head up

Brackets for fixing fences

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MARÉCHALLE

FRONT OR INTERMEDIARY GATE PM 97



Internal dimensions

width 0.82 m
height 1.70 m

Gross weight: 200 kg

- shutters adjustment ①
- crank adjustment for neck aperture ②
- shutters larger ③ and longer



TECHNICAL FEATURES

- The gate PM 97 is the gate PM 93 without the safety basket.
- Headgate to install as an intermediate stop inside the stall, or at the end of a corridor or crush.
- Symmetrical central closing.
- Opening and closing of shutters fast and quiet.
- Shutters are closer to the structure, which avoids trapping of legs or head between the shutters and the frame.
- Crank adjustment for neck aperture.
- Possibility to change side for the opening lever.
- Product available in paint or galvanized (shutters always galvanized).

OPTIONS

- Lift bracket for muzzle
- Manual or Pneumatic scoop head up
- Pneumatic automatisation (see p. 18)
- Brackets for fixing fences

BACK DOOR PM 87

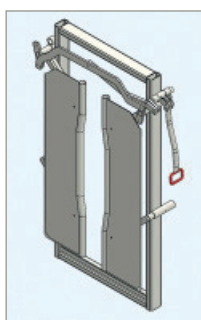
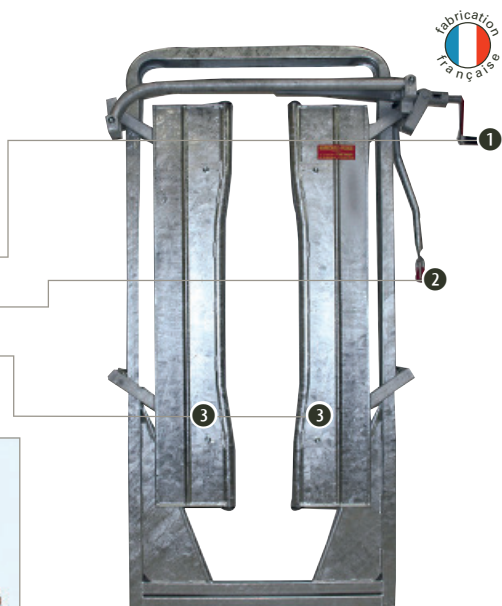


Internal dimensions

width 0.82 m
height 1.70 m

Gross Weight: 130 kg

- crank adjustment for neck aperture ①
- shutters handle ②
- shutters with central closing ③



TECHNICAL FEATURES

- Can be used as a back door for a crush.
- This door is mandatory on a pneumatic crush, because it avoids pinching legs of the animals at the entrance into the crush.
- The door is also mandatory on a crush with suspended weighing system, because the opening handle of the door PM 88 becomes inaccessible with the frame of the suspended weighing.
- Symmetrical central closing.
- Opening and closing of shutters fast and quiet.
- Crank adjustment for neck aperture.
- Product galvanized only.

OPTIONS

- Reverse model for door: handle on the left side from a front view
- Back door PM 87 in replacement of the door PM 88 (mandatory for an order of a pneumatic crush or crush with suspended weighing)
- Brackets for fixing fences

DOUBLE-LEAF DOOR PM 88

Internal dimensions

width 0.82 m
height 1.70 m



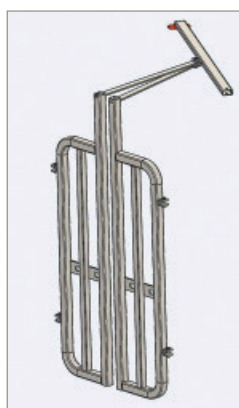
TECHNICAL FEATURES

- Opening and closing of shutters fast and quiet.
- To be installed as a back door on a handling crush or mobile corridor.
- Standard back door on all of our handling crushes and mobile corridor.
- Product available in paint or galvanized.

OPTIONS

Reverse model for door: handle on the left side from a front view

Brackets for fixing fences



INSEMINATION DOOR PM 82

Internal dimensions

width 0.82 m
height 1.70 m



TECHNICAL FEATURES

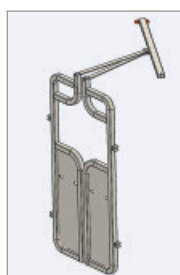
- Allows to do an insemination without opening the door and thus safely.
- To be installed on a handling crush or mobile corridor.
- Or in replacement of the double-leaf back door PM 88.
- Product available in paint or galvanized.

OPTIONS

Reverse model for door: handle on the left from a front view

Insemination back door in replacement of the door PM 88

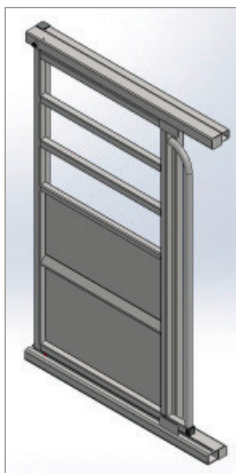
Brackets for fixing fences



SLIDING DOOR PM 81



Internal dimensions
width 0.82 m
height 1.70 m



TECHNICAL FEATURES

- Lateral sliding on the side of your choice.
- Door on bearings.
- Light and silent.
- To be installed on a crush or a mobile corridor, or as an intermediate door inside a fixed alley.
- Product available in paint or galvanized.

OPTION

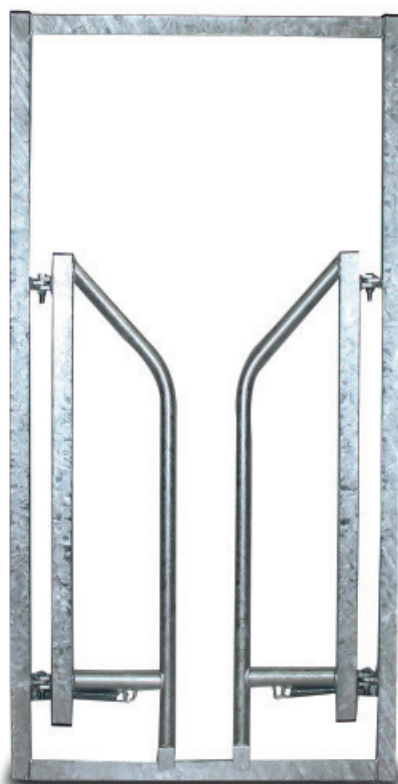
Sliding door PM 81 in replacement of the back door PM 88

BACKSTOP DOOR PM 89



Internal dimensions
width 0.82 m
height 1.70 m

Gross weight: 60 kg



TECHNICAL FEATURES

- To be installed as an intermediate door inside a fixed corridor.
- Can also be installed as a back door in a cattle crush.
- The animal pushes on the flaps to go through, but it cannot move back because the flaps go back to a stop toe.
- Product galvanized only.

OPTIONS

Backstop door PM 89 in replacement of the back door PM 88

Brackets for fixing fences

SLIDE-OVER TREATMENT CRUSH PM 4200



Internal dimensions

length 2.05 m
width 0.82 m
height 1.75 m

Gross weight: 185 kg
(with front winches)



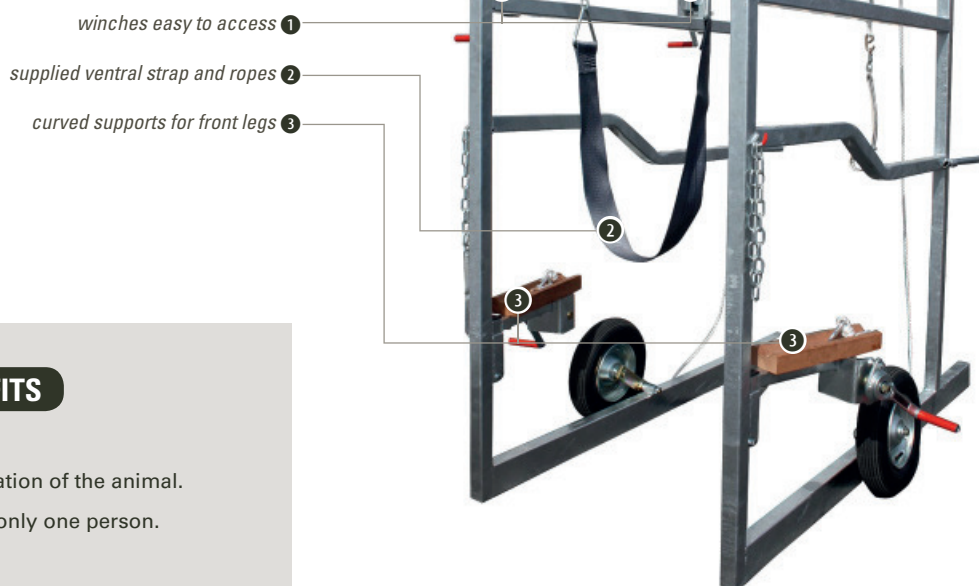
TECHNICAL FEATURES

- Light crush.
- Reinforced frame.
- Easy to move with wheels to be able to bring to the self locks.
- Easy handling, the animal is less stressed.
- Hoof trimming for front legs possible with option of wood supports with rope.
- Product galvanized only.

OPTIONS

2 curved wood supports with ropes for front legs hoof trimming

Galva medicine box



USER BENEFITS

- Time saving.
- Total immobilization of the animal.
- Work safety by only one person.
- Easy to handle.

MANUAL HOOF TRIMMING CRUSH PM 4300



Internal dimensions

length 1.90 m
width 0.82 m
height 1.75 m

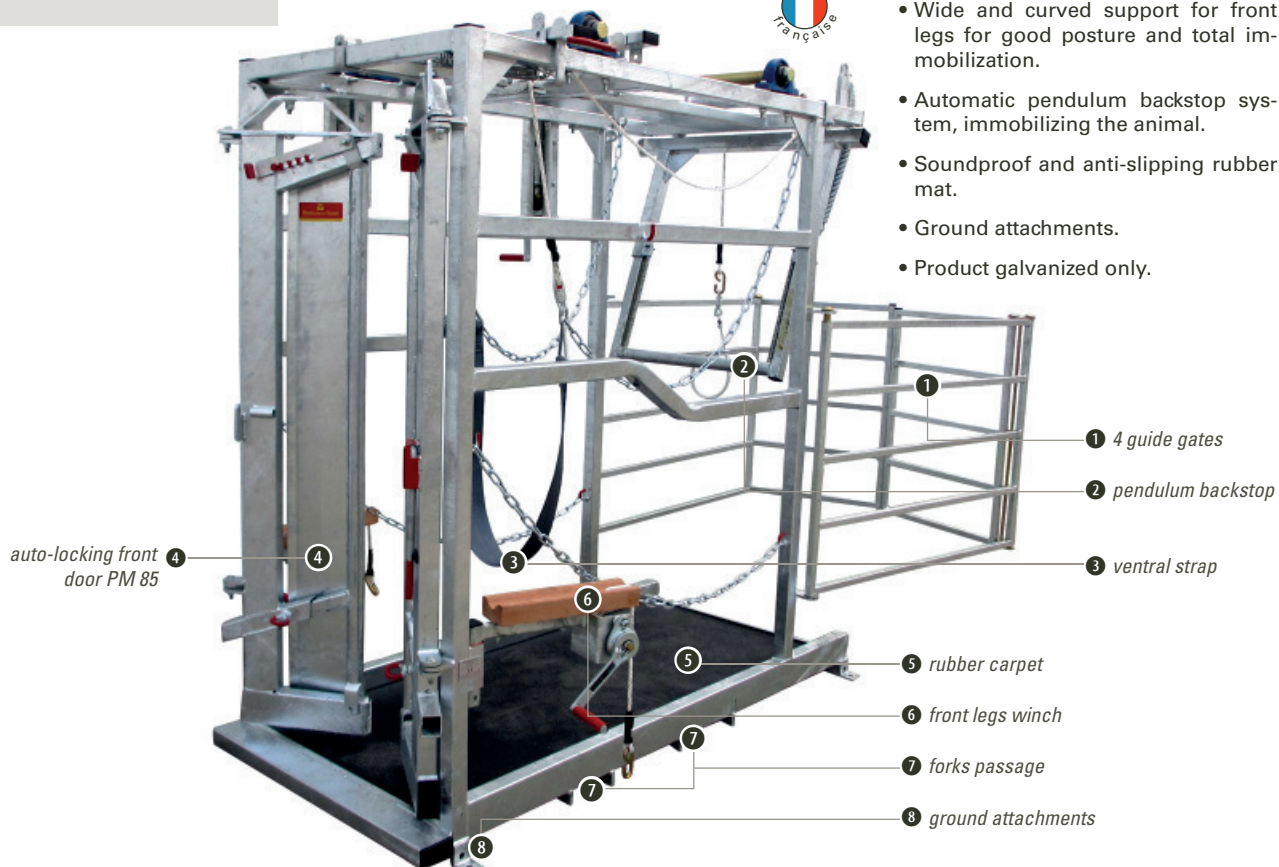
Gross weight: 350 kg

NEW



TECHNICAL FEATURES

- Auto-locking front door PM 85 with adjustable width of the shutters.
- Wide and curved support for front legs for good posture and total immobilization.
- Automatic pendulum backstop system, immobilizing the animal.
- Soundproof and anti-slipping rubber mat.
- Ground attachments.
- Product galvanized only.



ANIMAL COMFORT

- Fast handling, the animal is less stressed.
- Rubber carpet 20 mm thick, limiting noise and slips.

USER BENEFITS

- Hoof trimming less tiring because no effort to lift the animal's feet.
- Better protection of the farmer with pendulum backstop.
- Total immobilization of the animal, easy grip of the shank.
- Work in total safety by one person only.

OPTIONS

Galva medicine box

Three-points forks PM 30



ELECTRIC HOOF TRIMMING CRUSH WITH 1 MOTOR PM 4400

> > > for frequent hoof trimming from 30 cows



HANDLING

Internal dimensions

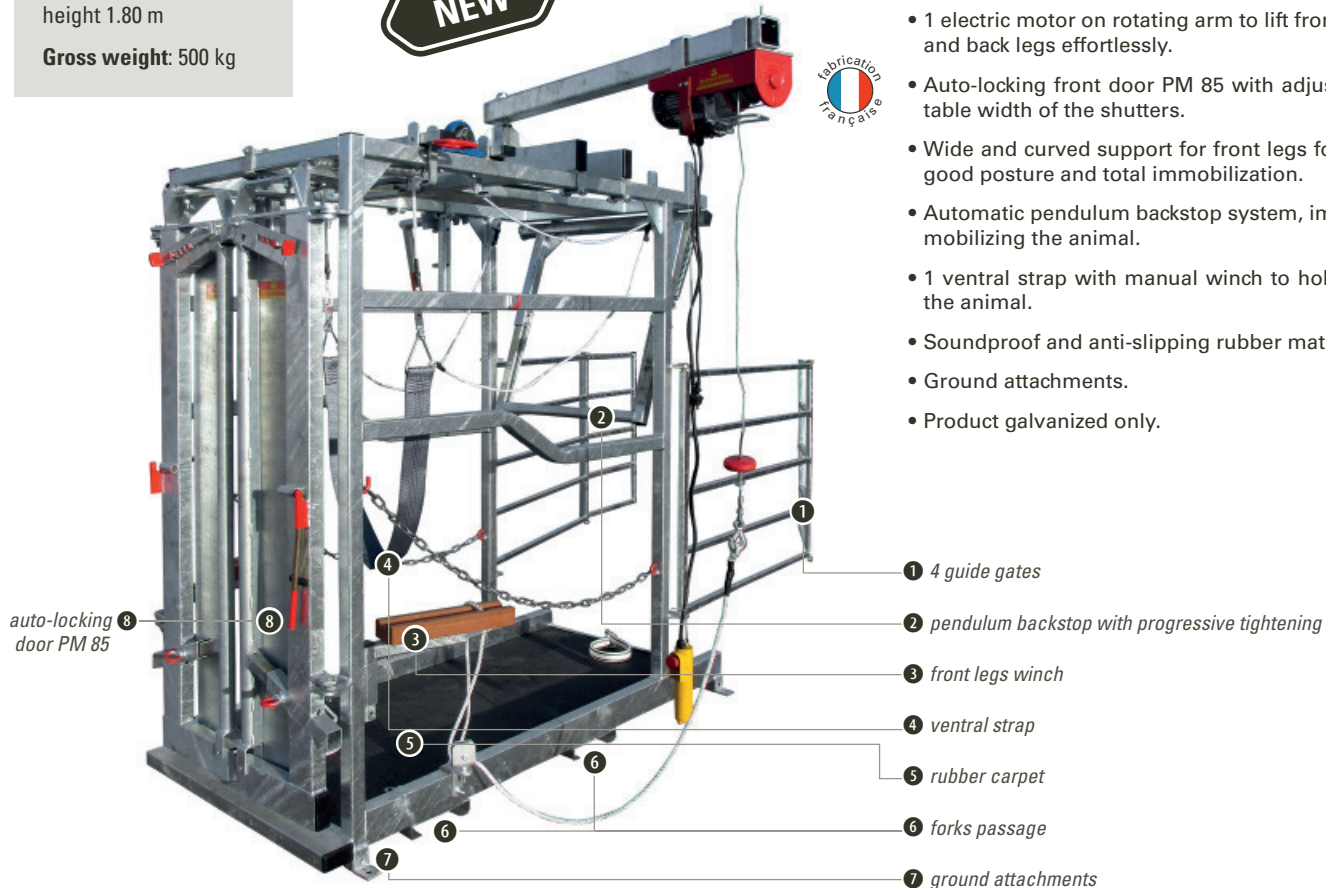
length 1.90 m

width 0.82 m

height 1.80 m

Gross weight: 500 kg

NEW



TECHNICAL FEATURES

- 1 electric motor on rotating arm to lift front and back legs effortlessly.
- Auto-locking front door PM 85 with adjustable width of the shutters.
- Wide and curved support for front legs for good posture and total immobilization.
- Automatic pendulum backstop system, immobilizing the animal.
- 1 ventral strap with manual winch to hold the animal.
- Soundproof and anti-slipping rubber mat.
- Ground attachments.
- Product galvanized only.

1 4 guide gates

2 pendulum backstop with progressive tightening

3 front legs winch

4 ventral strap

5 rubber carpet

6 forks passage

7 ground attachments

auto-locking door PM 85



ANIMAL COMFORT

- Fast handling, the animal is less stressed.
- Rubber carpet 20 mm thick, limiting noise and slips.

USER BENEFITS

- Hoof trimming less tiring because no effort to lift the animal's feet.
- Better protection of the farmer with pendulum anti-backing.
- Total immobilization of the animal, easy grip of the shank.
- Work in total safety and by one person only.

OPTIONS

Galva medicine box

Three-points fork PM 30



ELECTRIC HOOF TRIMMING CRUSH WITH 2 MOTORS PM 4500

> > > for frequent hoof trimming and care from 40 cows



Internal dimensions

length 1.90 m

width 0.82 m

height 1.80 m

Gross weight: 620 kg



1 light spot

2 rotating arm

NEW

handles gathered
on the arm

removable bar

access doors
for cesarean, and
other surgeries



TECHNICAL FEATURES

- 2 electric motors:
 - 1 motor activating the ventral winch to pull up and down the ventral strap.
 - and 1 motor on a rotating arm to lift front and back legs effortlessly.
- Auto-locking front door PM 85 with adjustable width of the shutters (see p.5).
- Wide and curved support for front legs for good posture and total immobilization.
- Automatic pendulum backstop system, immobilising the animal.
- 1 ventral strap holding the animal with electric winch.
- Soundproof and anti-slipping rubber mat.
- Ground attachments.
- Connection 220 V.
- Product galvanized only.

OPTIONS

Galva medicine box

Three-points fork PM 30



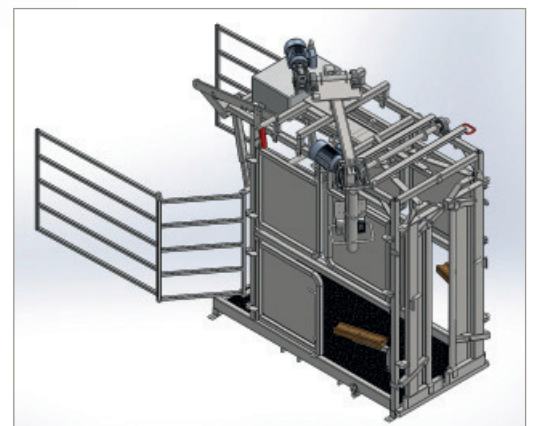
CONFORT ANIMAL

- Less stress for the animal because the handling is fast.
- Better position of the animal with automatic pendulum backstop.



USER BENEFITS

- Hoof trimming less tiring because no effort to lift the animal's feet.
- Time saving with electric motors.
- Better protection of the farmer with pendulum backstop.
- Total immobilization of the animal, easy grip of the shank.
- Work in total safety and by one person only.



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TREATMENT BOX FOR HORSES PM 2007



Internal dimensions

length 2.20 m
width 0.82 m ou 0.92 m
height 2.20 m

Gross weight: 270 kg



TECHINCAL FEATURES

- Designed for hoof trimming and other treatments for horses.
- Good stability and good hold of the animal.
- Control, care, treat hooves.
- Shoeing horses.
- Product available in paint or galvanized.

OPTION

Galva medicine box



ANIMAL COMFORT

- Good stability on 3 with ventral support.
- Sound absorbing and anti-slip rubber mat, keeps the animal calm and prevent slips.

USER BENEFITS

- Time saving.
- Work safety.

MULTIFUNCTION CRUSH ALL IN ONE PM 2400

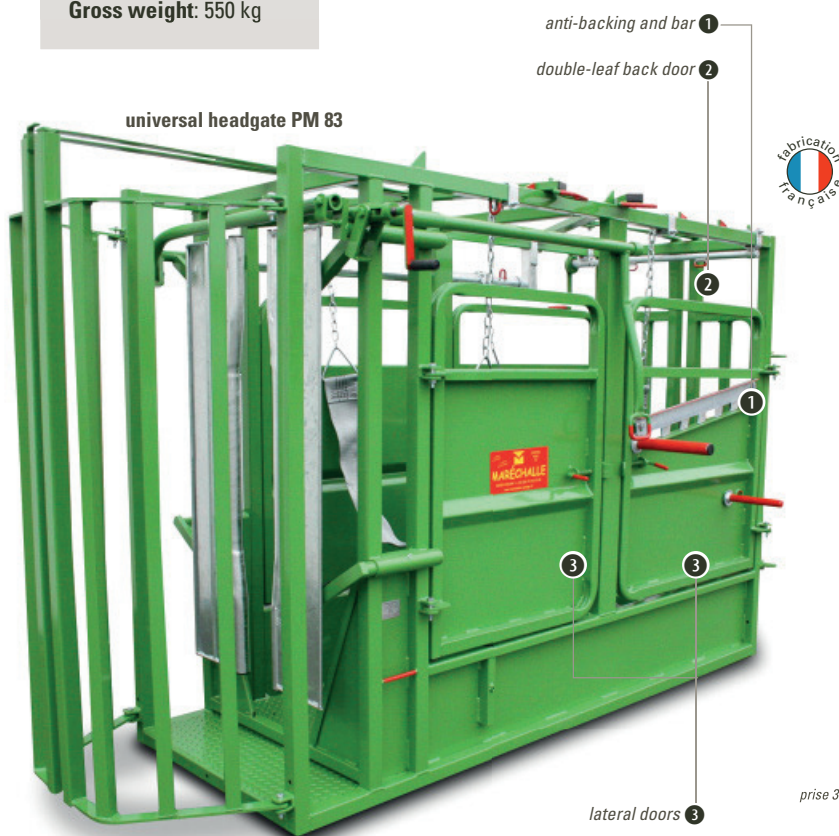
> > > handling - hoof trimming - weighing



Internal dimensions

length 2.40 m
width 0.82 m
height 1.70 m

Gross weight: 550 kg



TECHNICAL FEATURES

- Front gate to choose from: PM 83, PM 85 or PM 80.
- 4 lateral doors for a total access to the animal.
- Three-point linkage to be hooked by tractor.
- Adaptation to all breeds of cattle.
- Good stability of the animal.
- Product available in paint or galvanized.

cornadis headgate PM 80



auto-locking headgate PM 85

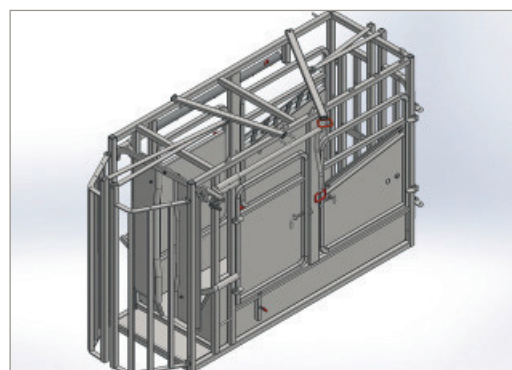


ANIMAL COMFORT

- Good hold of the cow.
- Safety and welfare of the animal.

USER BENEFITS

- Protection against bumps legs.
- Handling and cares in total safety.
- Fast operation.



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OPTIONS FOR PM 2400

Reverse model for crushes: handles on the left side from a front view

SUPER model (hoof trimming equipment)

Electric SUPER model (lifting legs with one motor)

Medicine box

Rubber mat

Muzzle boom lift

Manual or pneumatic scoop head up

Lift ring for transport

Removable galva width reducer in 2 parts

Removable central pole

Galva lateral caesarean door

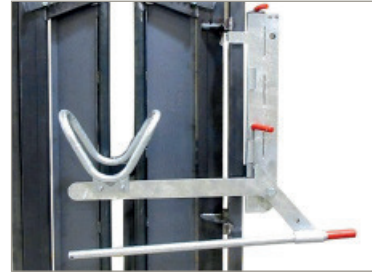
Insemination back door PM 82

Pneumatic model (see page 23)

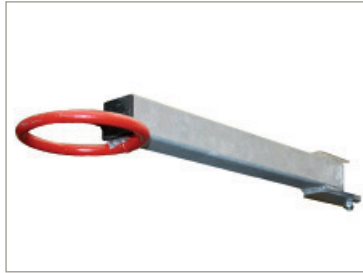
Pneumatic pendulum backstop



pneumatic scoop head up



manual scoop head up



muzzle boom lift



pneumatic pendulum backstop

>>> SUPER model (hoof trimming equipment)



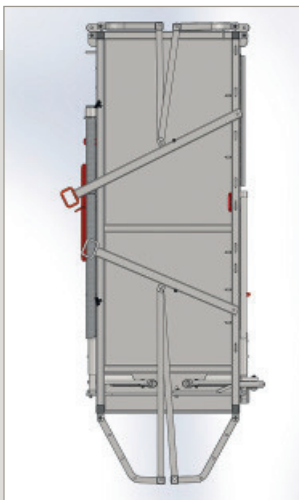
back winch and bar supporting back legs



winch for front legs



ventral straps



reverse model



electric SUPER model



width reducer



removable central pole



insemination door



caesarean door

SQUEEZE CATTLE CHUTE PM 2800



Internal dimensions

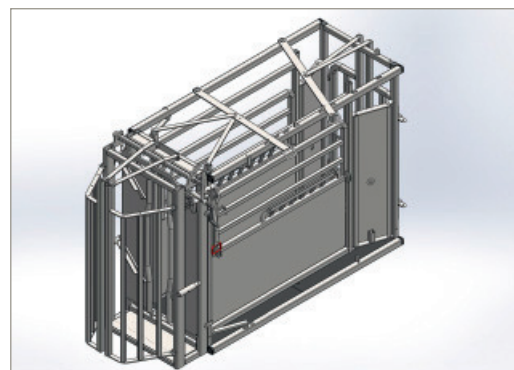
length 2.70 m
width 0.82 to 0.40 m
height 1.70 m

Gross weight: 750 kg



TECHNICAL FEATURES

- Headgate to choose from PM 93 (with safety basket and central closing) or PM 85 (auto-locking).
- Adjustable sides in width for all sizes of animal.
- 4 positions from 40 cm to 82 cm inside.
- Total immobilization of the animal.
- Silent crush with rubber mat standard, the animal stays calm.
- Build-up security and animal welfare.
- Product available in paint or galvanized.



USER BENEFITS

- Time saving, the animal cannot turn around inside the handling crush.
- Work safety, an animal well-maintained is a calmer animal.
- Optimization of time spent on animal care.

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OPTIONS FOR PM 2800

Reverse model for crushes: handles on the left side from a front view

4 bottom side doors (2 on each side)

4 lateral big doors (2 on each side)

SUPER model (hoof trimming equipment)

Electric SUPER model (lifting legs with one motor)

Medicine box

Muzzle boom lift

Manual or pneumatic scoop head up

Lift ring for transport

Pneumatic model (see page 23)

Pneumatic pendulum backstop



pneumatic scoop head up



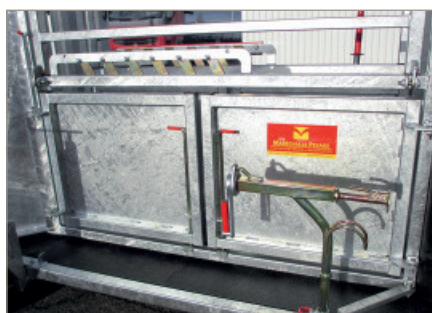
manual scoop head up



muzzle boom lift



pneumatic pendulum backstop



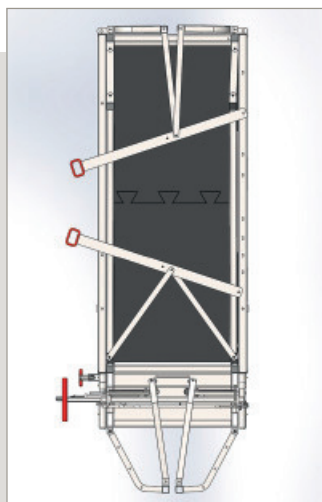
bottom side doors



lateral big doors



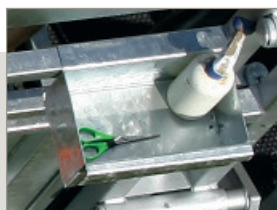
winch to lift front legs



reverse model

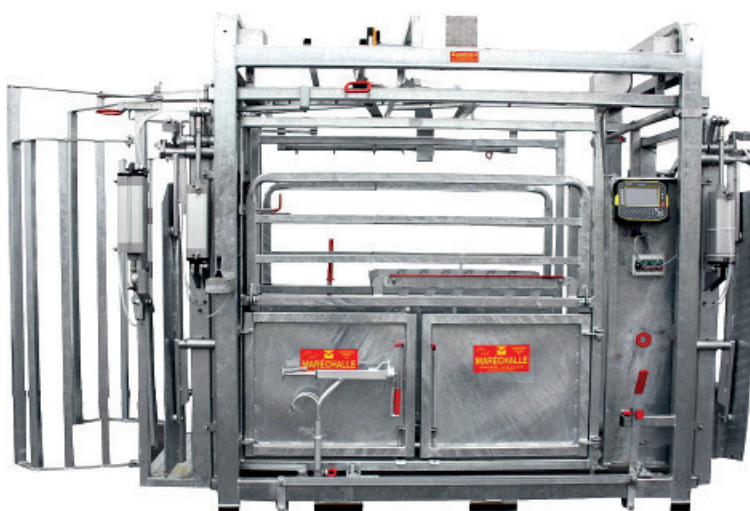


electric SUPER model



medicine box

PNEUMATIC AUTOMATION



PRODUCT ADVANTAGES AND BENEFITS

- Ideal for passing many animals.
- Pneumatic cylinders replacing the manual handles to control doors' openings and closings.
- The cylinders also control width reducer of the crush PM 2800, and other options as scoop head up and pendulum backstop.
- System allowing the user to position away, so the animal is not frightened by the presence of humans.
- Rapidity and work comfort, avoids repetitive movements and musculoskeletal disorders.
- Quiet system, the animal remains quiet and well-maintained.
- Time saving and productivity for the farmer, and less fatigue for the user.

TECHNICAL FEATURES

- Connection to an air compressor (not supplied) of at least 200 liters.
- Working pressure: 6 bars
- Flow control to accelerate or slow down the doors' opening and closing.

Our advice: add an air dryer.

TWO POSSIBILITIES

Pneumatic cylinders controlled by distributors on a fixed support, or on a movable boom all over the side of the crush.



Fixed support with 1 joystick



Pneumatic squeeze chute PM 2800

OR



Electro-pneumatic cylinders with control box and remote control for activating doors and options from a distance.



CALVES DEHORNING BOX PM 170



Internal dimensions

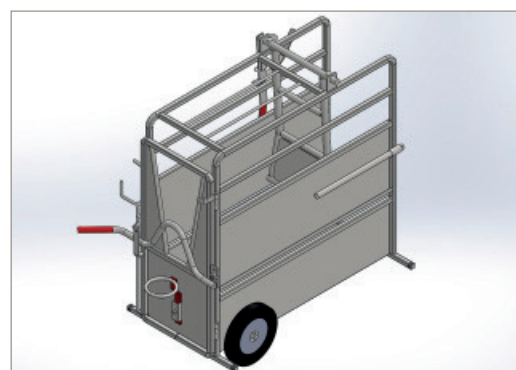
length 1.10 m
width 0.40 m
height 1.08 m

Gross weight: 110 kg



TECHNICAL FEATURES

- Total immobilization of the animal.
- Good hold on the calf.
- Dehorn different sizes of calves.
- Easily transportable, offers high stability and good resistance.
- Non slippery and soundproof rubber carpet.



ANIMAL COMFORT

- Without noise, keep calves calm.
- Well-maintained in the crate, the animal feels safe.
- No risk of slipping or hanging

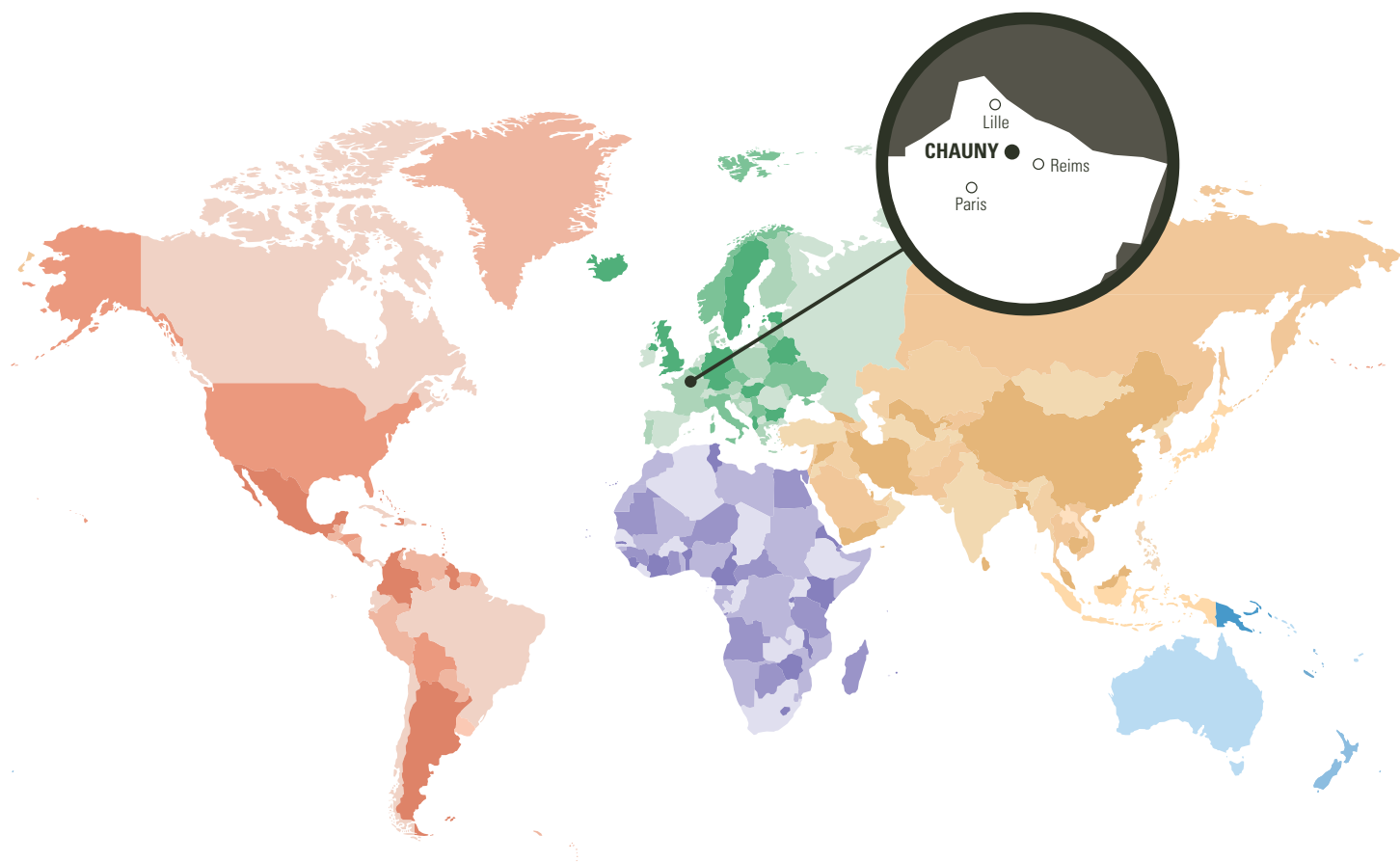
USER BENEFITS

- Time saving and productivity, the dehorning can be done by only one person.
- Work safely.



MARÉCHALLE

CONTENTION ■ PESAGE ■ IDENTIFICATION



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Kvaliteta za dobro ceno

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