

# CATALOGUE

SEASON 2017 - 2018

CATTLE | HORSE | PIG | GOAT | SHEEP | DEER



HANDLING



TRIMMING



IDENTIFICATION



WEIGHING



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

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# EDITO

CETTE ANNÉE, NOUS AVONS LE PLAISIR DE VOUS INVITER À UN VOYAGE DANS LE TEMPS, LAISSÉ-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 CONTENTION ET DE PESAGE PM 2400 : NOS CAGES SONT CONÇUES POUR LE BIEN-ÊTRE DES ANIMAUX ET L'ÉLEVÉUR 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 CONTENTION AVEC PAROIS RÉTRACTABLES EN LARGEUR PM 2800.

**2013** INNOVATION D'UNE CAGE DE PESÉE AUTONOME, LA PM 6000 LIBERTY. PRIX 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 CHAMNY, AVENUE JEAN JAURES. NOTRE ATELIER EST PLUS GRAND ET NOS BUREAUX PLUS FONCTIONNELS. NOS PRODUITS ÉVOLUERONT TOUJOURS PLUS !

**2016** EN ROUTE POUR DE NOUVELLES AVENTURES !

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MILK CATTLE



BEEF CATTLE



CALF



HORSE



PIG



GOAT



SHEEP



DEER



RS232 Interface



USB Interface



Intern rechargeable  
battery



Backlit display



Counting



Protection indication



Out of legal metrology



Wifi



Bluetooth



Daily  
Average  
weight Gain

Drawings of our products are  
available on :  
[www.marechalle-pesage.com](http://www.marechalle-pesage.com)

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



# 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!**





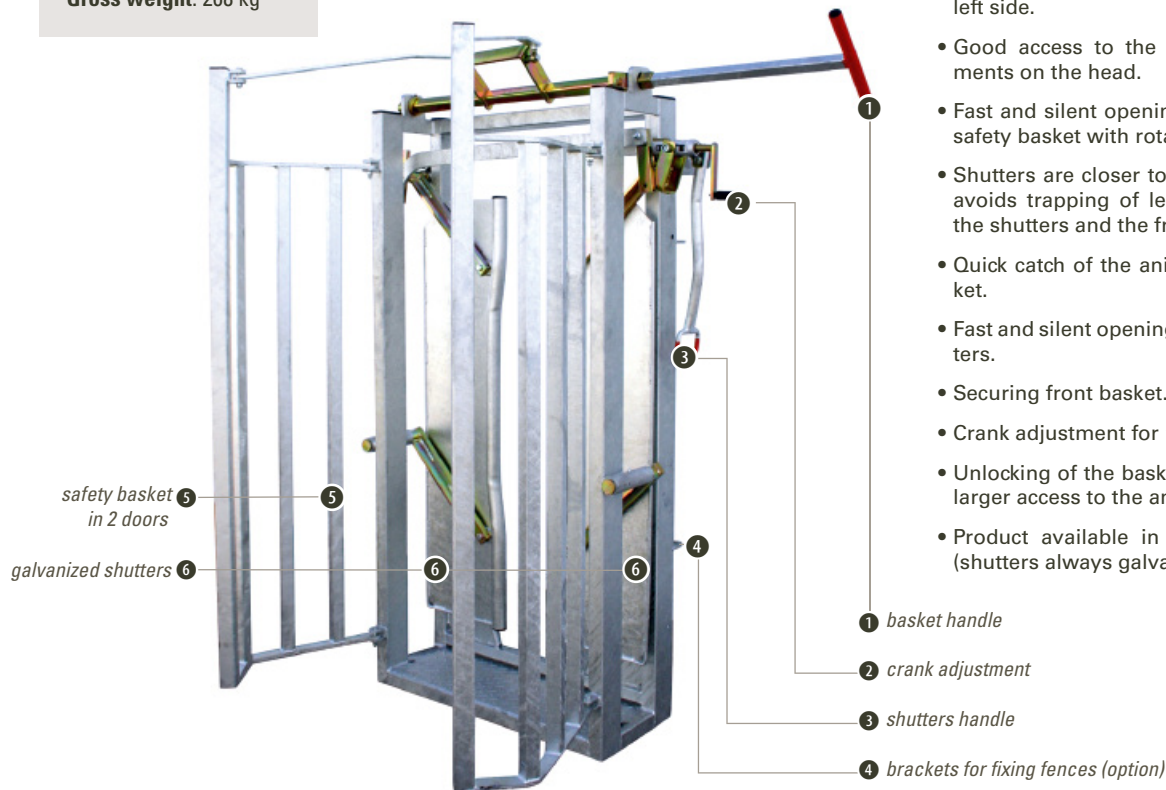
# UNIVERSAL HEADGATE PM 93



## Internal dimensions

width 82 cm  
height 180 cm  
depth 50 cm

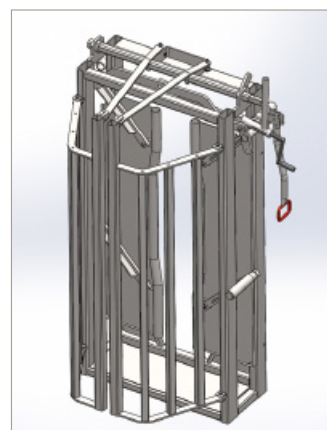
Gross weight: 268 kg



## 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.
- Fast and silent opening and closing of shutters.
- Securing front 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 basket handle
- 2 crank adjustment
- 3 shutters handle
- 4 brackets for fixing fences (option)



## 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

- Muzzle boom lift
- Manual or Pneumatic scoop head up
- Pneumatic automation (see p. 12)
- Brackets for fixing fences

# AUTO-LOCKING HEADGATE PM 85



## Internal dimensions

width 82 cm  
height 170 cm  
depth 60 cm

**Gross weight:** 195 kg



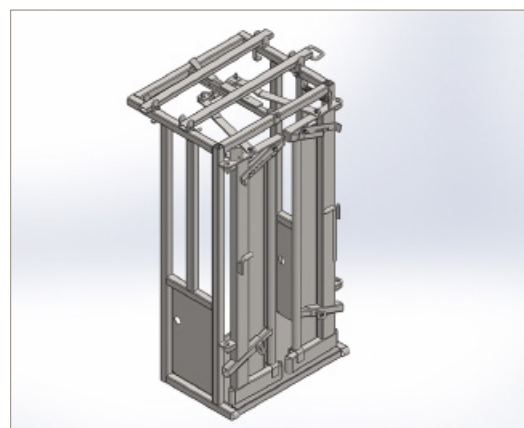
## TECHNICAL FEATURES

- 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 opening handle for rearward exit

2 opening handle for forward exit

3 opening help handle



## USER BENEFITS

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

## OPTIONS

Muzzle boom lift

Manual or Pneumatic scoop head up

Brackets for fixing fences

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# CORNADIS HEADGATE PM 80



## Internal dimensions

width 82 cm  
height 170 cm  
depth 30 cm

Gross weight: 100 kg



rack of shutter adjustment ①

shutter ②

③ perçage pour fixation

④ nylon cable for shutter closing

⑤ 3 positions shutter adjustment

⑥ pedal to open the gate

## TECHNICAL FEATURES

- Headgate to be installed at the end of a corridor.
- 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.

## OPTION

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

# GATE PM 87



## Internal dimensions

width 82 cm  
height 170 cm

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 front door, intermediate or back door in a crush or alley.
- This door is mandatory as back door on order of a pneumatic crush, because it avoids pinching animals' legs at the entrance to the crush.
- It is also mandatory as back door on order of crush with suspended weighing system PM 45, because the opening handle of door PM 88 becomes inaccessible with the structure of the suspended weighing.
- Symmetrical central closure.
- Fast and silent opening and closing of shutters.
- Crank adjustment for neck aperture.
- Product galvanized only.
- Reversible gate, the handle can be fixed on right or left side.

## OPTIONS

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 82 cm  
height 170 cm



## 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

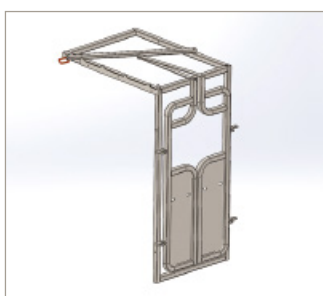
Brackets for fixing fences

Frame

## INSEMINATION DOOR PM 82



**Internal dimensions**  
width 82 cm  
height 170 cm



## 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

Frame

## SLIDING DOOR PM 81



**Internal dimensions**  
width 82 cm  
height 170 cm



## 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 82 cm  
height 170 cm

**Gross weight:** 60 kg

clappers with springs ①

mechanical backstop ②



## 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



# MULTIFUNCTION CRUSH ALL IN ONE PM 2400

> > handling - hoof trimming - weighing

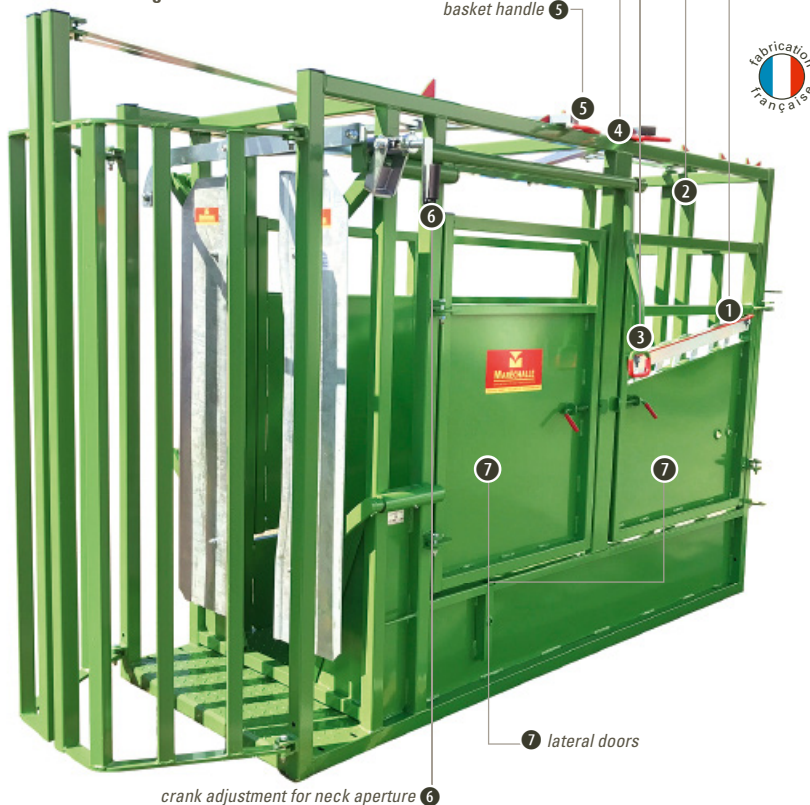


## Internal dimensions

length 240 cm  
width 82 cm  
height 170 cm

Gross weight: 550 kg

universal headgate PM 83



## 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.
- Adaptable to all cattle breeds.
- Good stability of the animal.
- Product available in paint or galvanized.

cornadis headgate PM 80



autolocking headgate PM 85

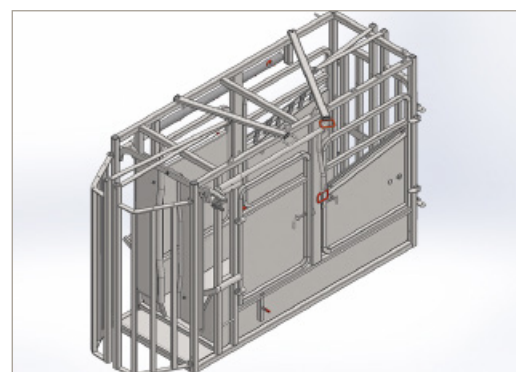


## ANIMAL COMFORT

- 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

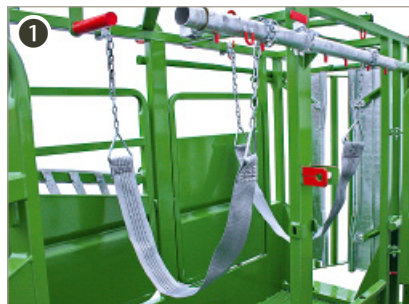
Reverse model for crushes: handles on the left side from a front view	④ Muzzle boom lift	⑨ Galva lateral caesarean door
① SUPER model (hoof trimming equipment)	⑤ Manual or pneumatic scoop head up	⑩ Insemination back door PM 82
② Electric SUPER model (lifting legs with one motor)	⑥ Lifting eyebolt for transport	Pneumatic model ( <i>see page 12</i> )
Medicine box	⑦ Removable galva width reducer in 2 parts	⑪ Pneumatic pendulum backstop
③ Rubber mat	⑧ Removable central pole	⑫ Forks passage



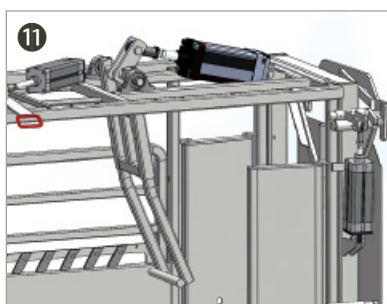
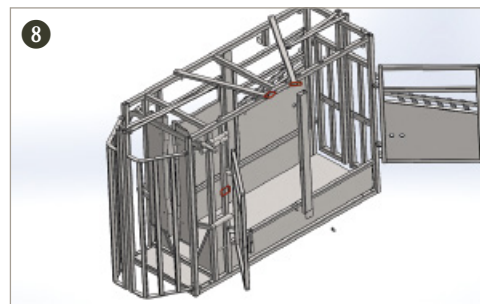
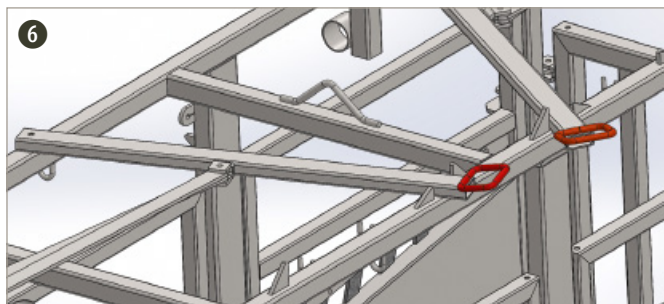
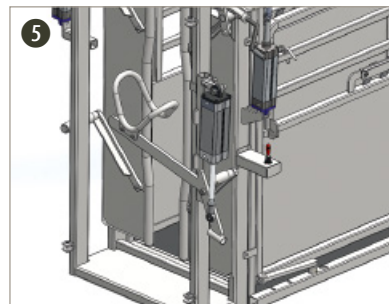
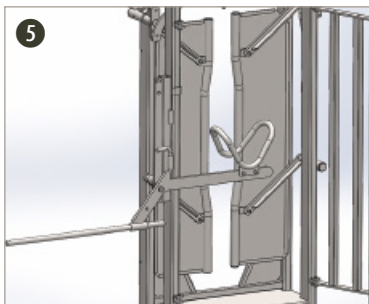
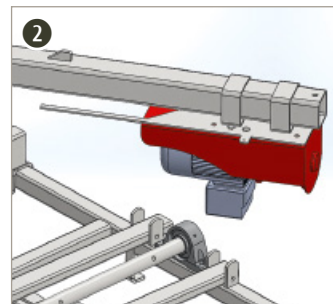
back winch and bar supporting back legs



winch for front legs



ventral straps



# SQUEEZE CATTLE CHUTE PM 2800

## Internal dimensions

length 270 cm  
width 82 à 40 cm  
height 180 cm

Gross weight: 750 kg



① crank adjustment for neck aperture

② shutters handle

③ width-adjustable sides

④ folding flaps

⑤ width reducer handle

## TECHNICAL FEATURES

- Headgate to choose from PM 93 (with safety basket and central closing) or PM 85 (auto-locking).
- Width-adjustable sides for all sizes of animal.
- 4 positions from 40 cm to 82 cm inside.
- Total immobilization of the animal.
- Silent chute with rubber mat, the animal remains calm.
- Build-up security and animal welfare.
- Product available in paint or galvanized.
- Chute **with reversible handles** (left or right).

⑥ back door handle

⑦ double-leaf back door PM 88

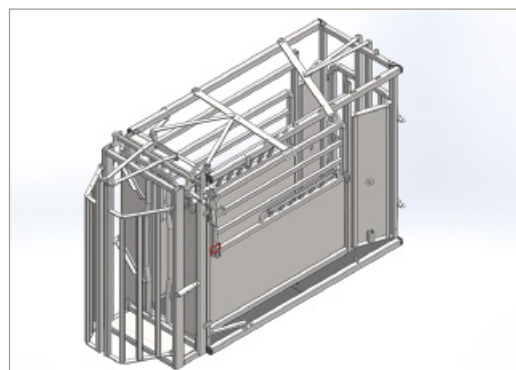
⑧ anti-backing bar

⑨ rubber mat



## 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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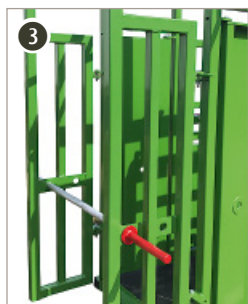


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## OPTIONS FOR PM 2800

Reverse model for crushes: handles on the left side from a front view	Medicine box	⑩ Pneumatic pendulum backstop
① 4 bottom side doors (2 on each side)	⑤ Muzzle boom lift	⑪ Forks passage
② 4 lateral big doors (2 on each side)	⑥ Manual or pneumatic scoop head up	⑫ 3-points linkage PM 30
③ SUPER model (hoof trimming equipment)	Lifting eyebolt	⑬ Insemination back door PM 82
④ Electric SUPER model (lifting legs with one motor)	Pneumatic model ( <i>see page 12</i> )	



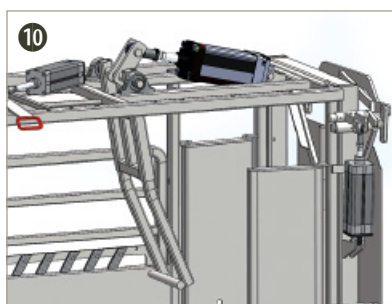
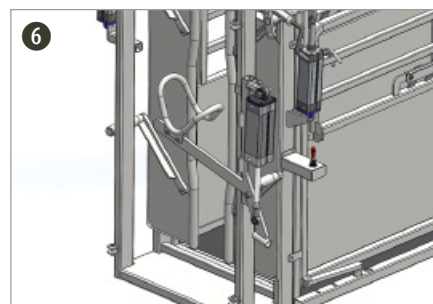
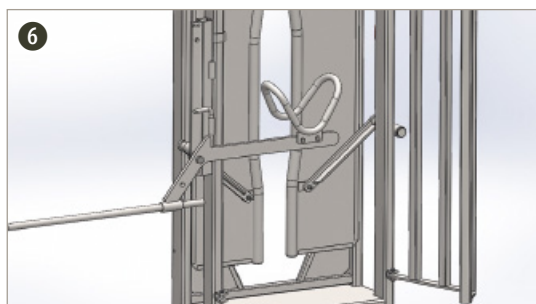
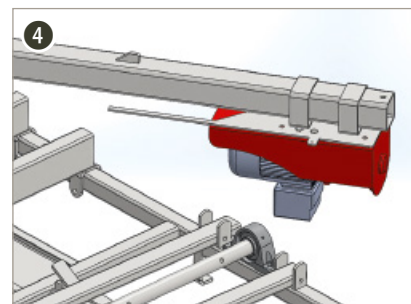
back winch and bar supporting back legs



winch for front legs



ventral straps





# PNEUMATIC AUTOMATION



## 1<sup>ST</sup> POSSIBILITY

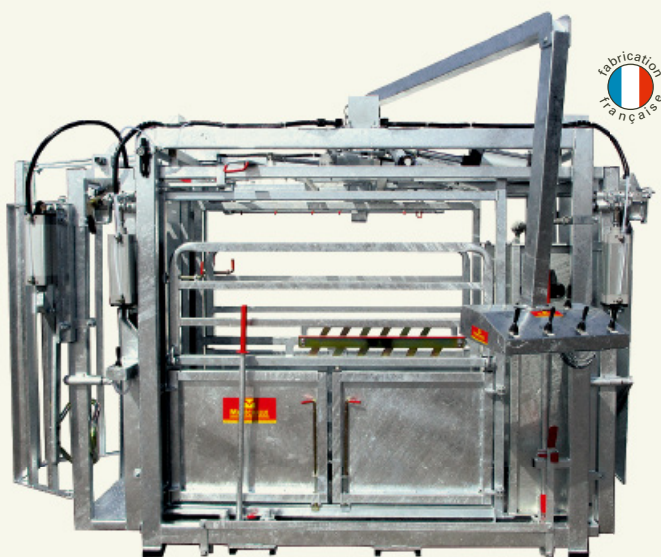
Pneumatic cylinders controlled by distributors on a fixed support, or on a swivel bracket on the whole side of the crush.



Fixed support with 1 joystick



Swivel bracket



## 2<sup>ND</sup> POSSIBILITY

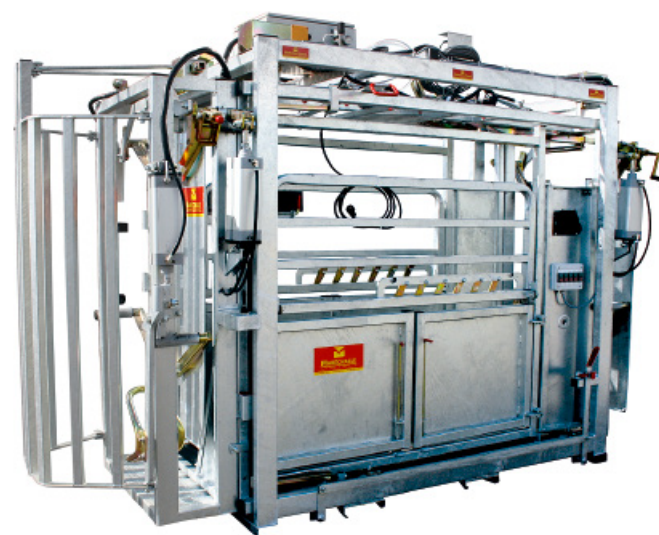
Electro-pneumatic cylinders with control box and remote control to activate doors and options from a distance.



Control box



Remote control



## 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 better 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: the compressor must be within 30 m of the crush, or be equipped with an air dryer.*

# CALVES DEHORNING BOX PM 170



## Internal dimensions

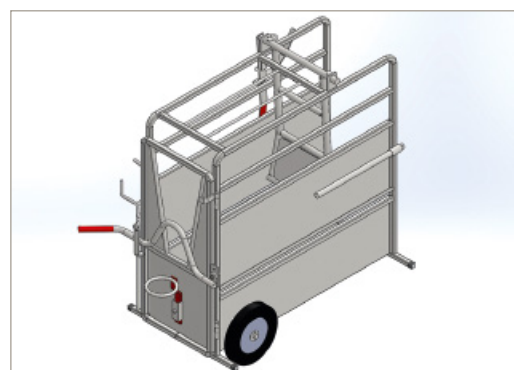
length 110 cm  
width 40 cm  
height 108 cm

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.
- Rubber mat.



## 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.



## PORTABLE HANDLING ALLEY PM 3000

**Internal dimensions**

length 650 cm  
width 82 cm  
height 170 cm

Gross weight: 950 kg

**TECHNICAL FEATURES**

- Designed for doing all treatments outside.
- Total immobilization of the animal.
- Avoids the use of footboard.
- Width reducer preventing the calves to turn around.
- Easy to move by tractor with the arrow hitch.
- Entry facilitated for the animals through the lateral rear door.
- The animal follows other animals in the alley (up to 3 animals can be fitted inside).
- Transport of 16 panels possible with the 2 sliding tubes.
- Double-leaf back door PM 88.
- Product available in paint or galvanized.

**OPTIONS**

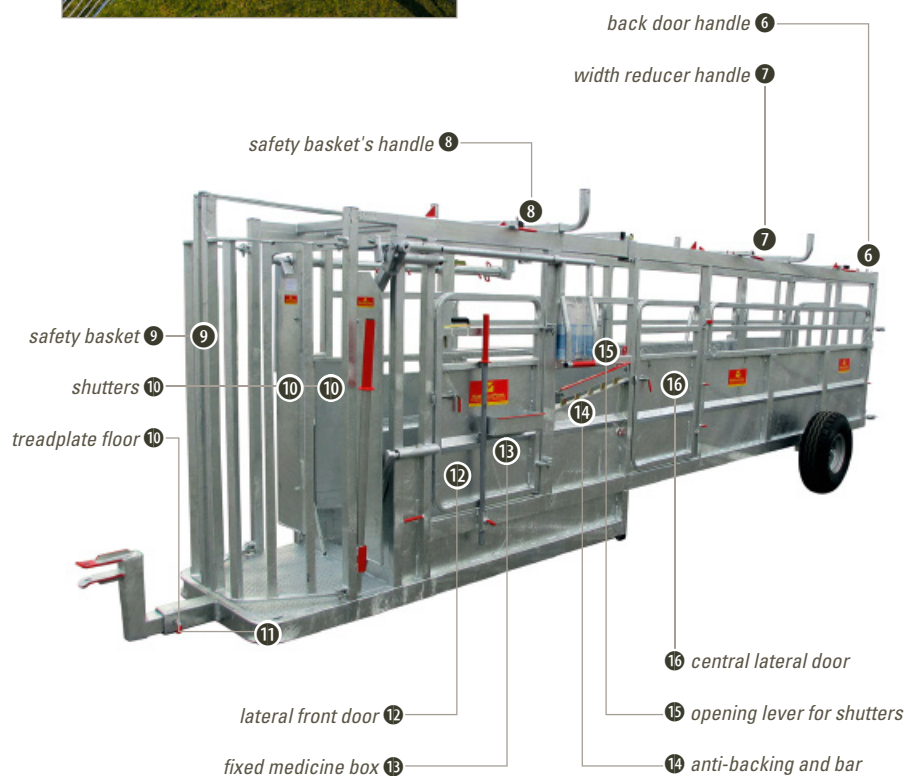
Reverse model: handles on the left from a front view

SUPER model: hoof trimming equipment

Manual or Pneumatic scoop head up

Rubber mat

Muzzle boom lift





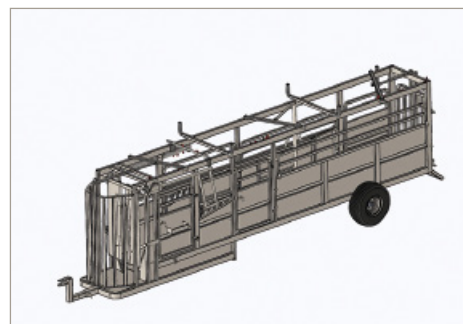


### ANIMAL COMFORT

- For all care in grazing.
- Easy and quick adjustment.
- For all animal sizes.

### USER BENEFITS

- Save time at the installation: set it down and it is ready to be used!
- Work safety, an animal well-maintained is a calmer animal.
- Increase efficiency and speed through the rear side door and width reducer.



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## HANDLING PANELS

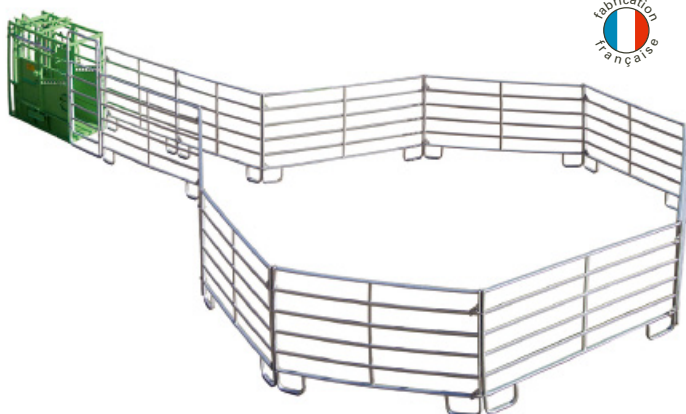


#### Dimensions

length 240 cm  
height 157 cm  
Gross weight: 30 kg

#### OR

length 300 cm  
height 157 cm  
Gross weight: 34 kg



### TECHNICAL FEATURES

- Light handling panels for cattle and horses.
- Facilitate the access to the handling crush, portable alley or headgate.
- Good support and stability through the assembly by chains.
- Easily movable by foot skis.

#### OPTIONS

Adaptable opening passage

Transpanel

Pack transpanel: includes transpanel, 16 panels 2.40 m, and 2 adaptable passages



### DESCRIPTION

- Vertical crossover reinforcement.
- Distance between each tube: 21 cm.

### USER BENEFITS

- Work comfort: light to carry.
- Transportable by one person.
- Quickly and easy assembly by just one person.



# HOOF TRIMMING

## GET A HOOF TRIMMING CRUSH IN ORDER TO TREAT FASTER!



- Trimming is an important and effective care to apprehend limping, which today represents the cattle's third pathology.
- Preventively trim claws avoids limping.
- A poorly treated or late treated limping can result in a significant financial loss to the herd (decreased production, growth retardation, delayed reproduction, veterinary costs, etc.). This is why we must act quickly on a painful leg.
- A hoof trimming crush is therefore essential to work safely and provide the necessary care for your animals while facilitating work.

Decrease limping is  
**to increase your profits!**



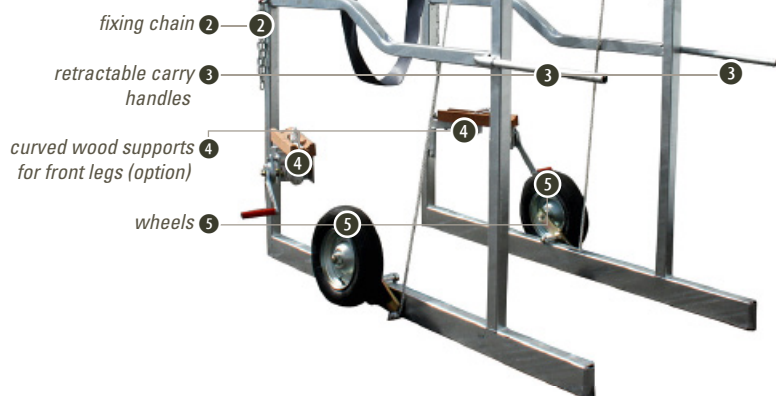
## SLIDE-OVER TREATMENT CRUSH PM 4200

**Internal dimensions**

length 205 cm  
width 82 cm  
height 175 cm

Gross weight: 185 kg  
(with front winches)

winch and strap  
for back legs ①

**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

Medicine box



winches easy to access ⑥

supplied ventral strap and ropes ⑦

curved supports for front legs (option) ⑧

**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

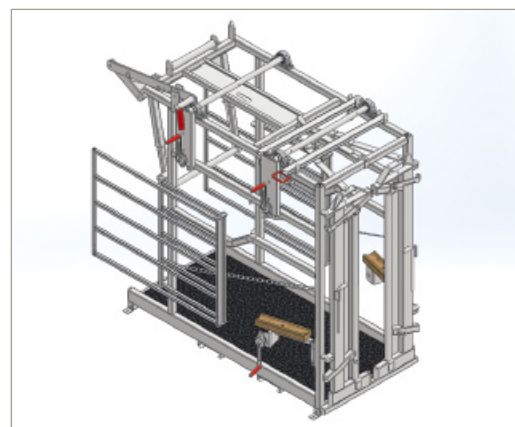
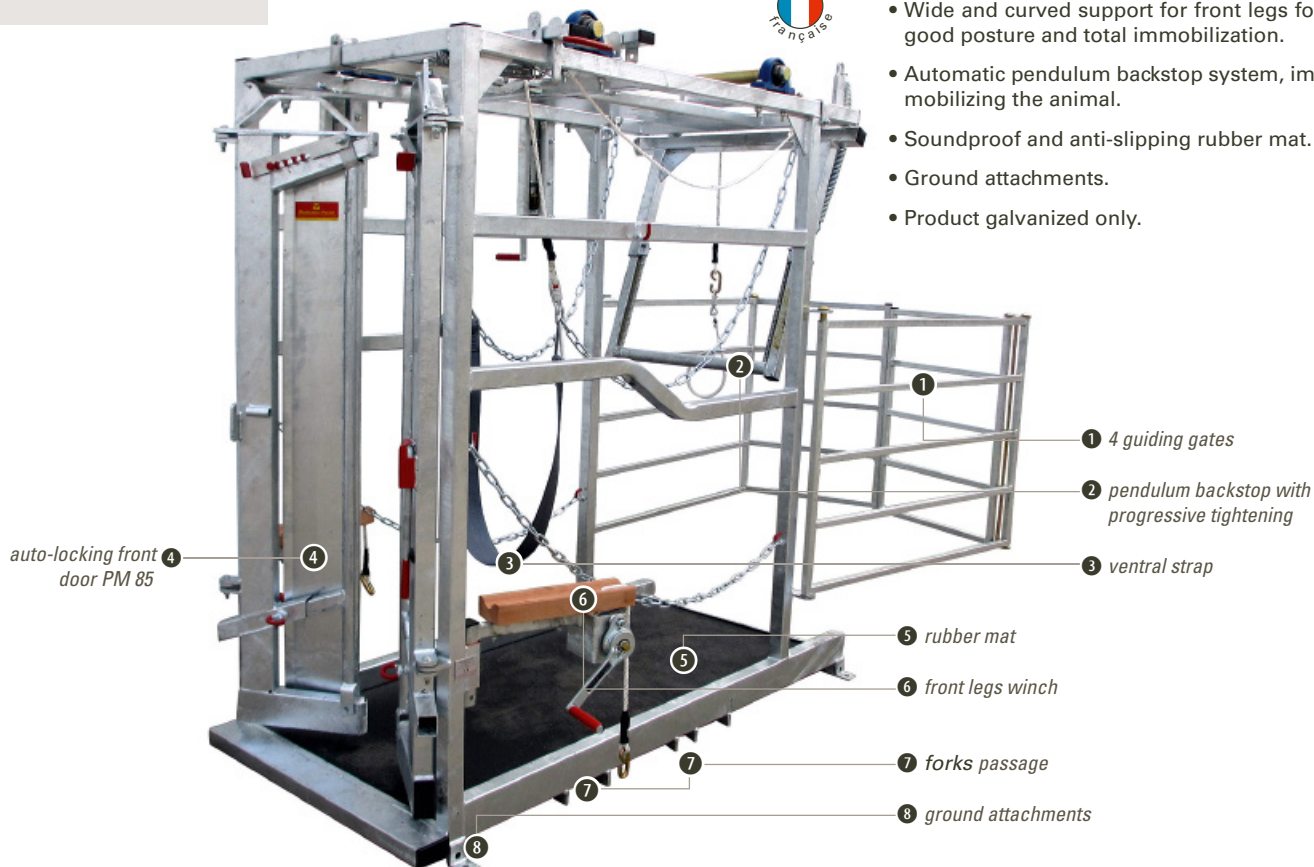
length 190 cm  
width 82 cm  
height 175 cm

Gross weight: 350 kg



## 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

Medicine box

Three-points forks PM 30



# ELECTRIC HOOF TRIMMING CRUSH WITH 1 MOTOR PM 4400

> > > for frequent trimming from 30 cows

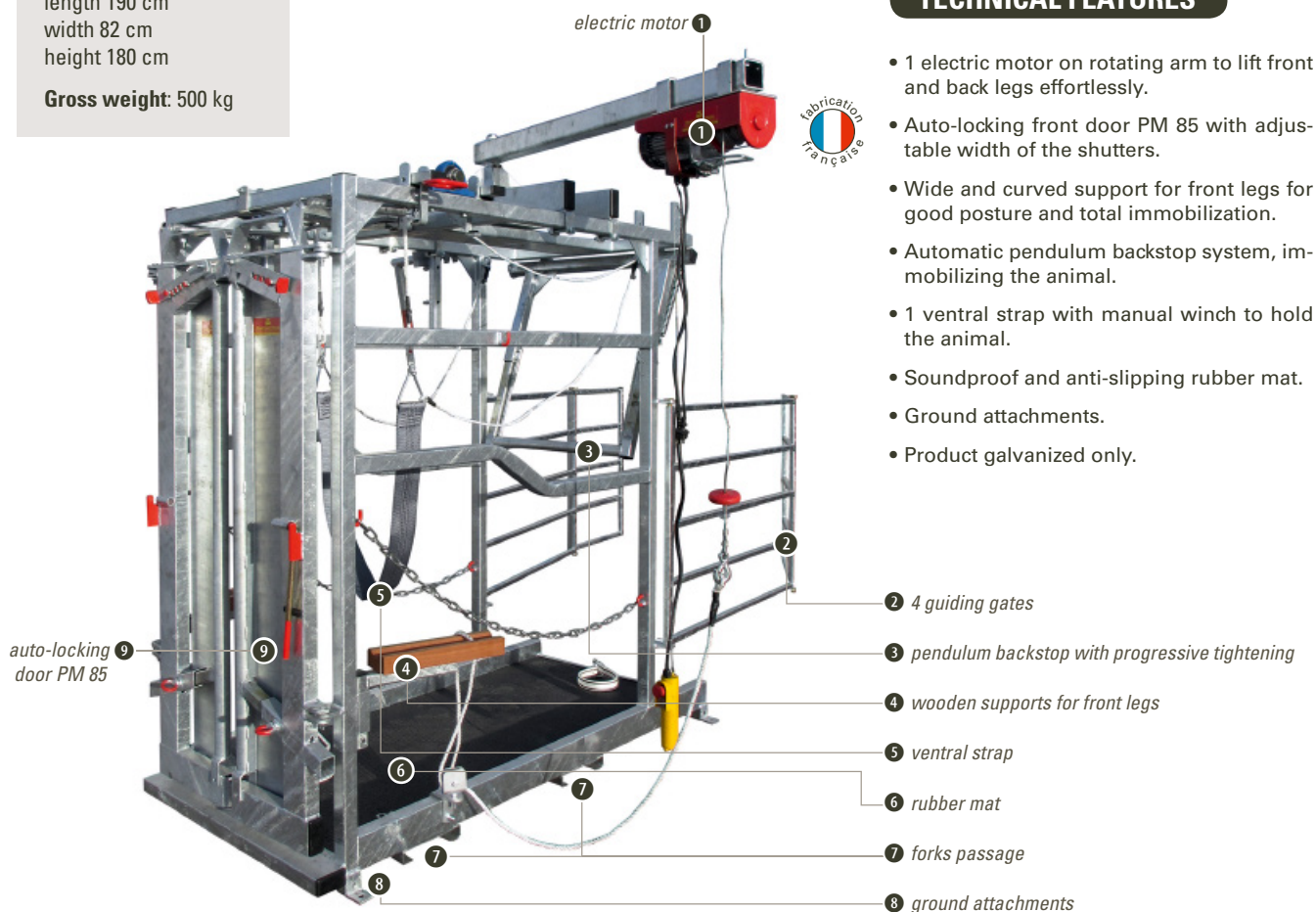


## Internal dimensions

length 190 cm  
width 82 cm  
height 180 cm

Gross weight: 500 kg

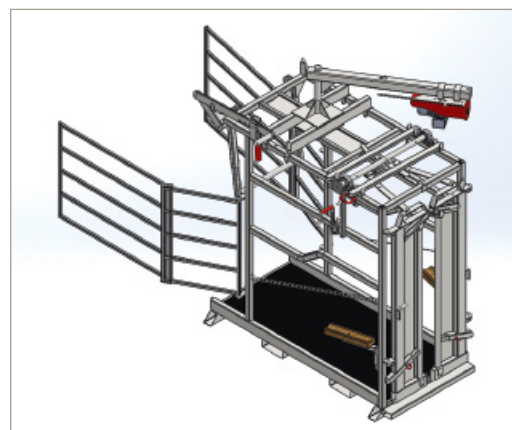
electric motor ①



## 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.

HOOF TRIMMING



## 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 legs.
- 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

Medicine box

Three-points forks PM 30





## ELECTRIC HOOF TRIMMING CRUSH WITH 6 MOTORS PM 4600

&gt;&gt;&gt; for frequent trimming and cares from 40 cows



HOOF TRIMMING

## Internal dimensions

length 190 cm

width 82 cm

height 180 cm

Gross weight: 620 kg

NEW



4 guiding gates 1

rotating bracket with spot  
and electrical outlet 2

## TECHNICAL FEATURES

- Over-sized motors 1600 Watts/motor and 1500 kg lift.
- 2 motors to lift front legs on each side, 2 motors for ventral strap, 1 motor to lift back legs, and 1 motor to operate pendulum backstop.
- Electrical controls near each workstation.
- Auto-locking front door PM 85 adjustable at the neck.
- Wide and curved front leg supports allowing good hold of the leg.
- Guides for back legs to hold them on the backstop.
- Connection 220 V.
- Electrical outlets and spotlight.
- Product galvanized only.

electric controls for  
front legs supports 3motorized pendulum  
backstop 4auto-locking  
front door PM 85 5access doors for  
caesarean section and  
surgical operations 6

ventral strap 7

wide wooden supports  
for front legs 8

rubber mat 9

forks passage 10

ground attachments 11



## 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.
- 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.
- Better techno-economic results, less trimmer costs.

## OPTIONS

Medicine box

Three-points forks PM 30

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# TREATMENT BOX FOR HORSES PM 2007



**Internal dimensions**  
length 220 cm  
width 82 cm or 92 cm  
height 220 cm  
Gross weight: 270 kg



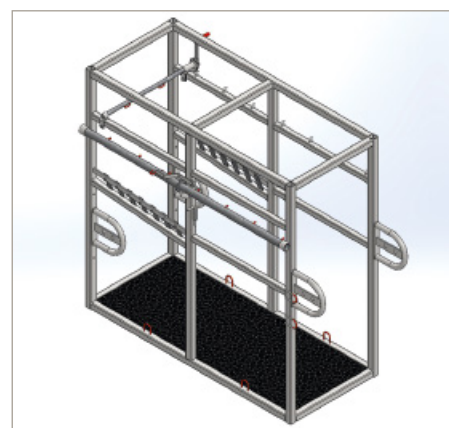
## TECHINCAL FEATURES

- 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

Medicine box

HOOF TRIMMING



## 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.



# IDENTIFICATION

## ELECTRONIC IDENTIFICATION WITHIN EVERYONE'S REACH

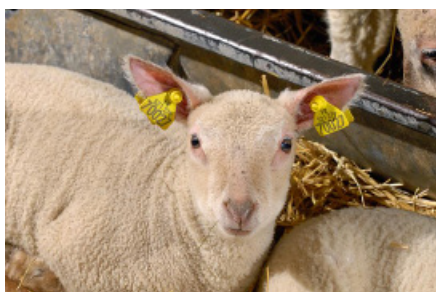


- Identify your animals with electronic tags readers and find the history of their cares or weights in few seconds.
- Pair a weighing system with an identification system to allow you to sort more simply and more quickly your animals.
- Follow up in live your animals' informations on your smartphone thanks to devices equipped with Bluetooth.

Computerize data and  
**optimize your time!**



## ELECTRONIC EAR TAGS



## TECHNICAL FEATURES

- HDX technology RFID ear tag conforms to ISO 11784-11785 standards.
- Female part: HP Ultra HDX electronic button.
- Male part: male button.
- tensile strength of couple male/female before rutpore > 300 N.
- Thermoplastic polyurethane elastomer containing a laser marking agent and a food colorant.
- Head of the female buckle is polyamide.
- The male part's bole tip consists of a sharp insert in ZAMACK covered with a protective layer of zinc.



## EID STICKS READERS



**Dimension**  
length 65 cm  
**weight:** 706 g

stick reader XRS



stick reader SRS2



stick reader XRS2



## TECHNICAL FEATURES

- Reads all ISO HDX and ISO FDX-B tags.
- Rugged design, proven for the tough agricultural environment with a IP67 waterproof design.
- Long life battery up to 19 hours, charging in 3 hours.
- Built-in Bluetooth and auto coupling.
- Ear tags reading distance up to 35 cm.
- USB port.
- Date and time display.
- Duplicate checking.
- Animal counter.
- Alert on preselected animals.

	XRS 2	SRS 2	XRS
Scanned tag memory	1 000 000	250 000	2 000
Sessions number	250	250	50
Color display	✓	✓	
Alpha-numeric keyboard	✓		
Customizable additional information	15		

## EID PANEL READERS

**Dimensions large antenna**

width 603 mm  
height 873 mm  
depth 15/38 mm

**Weight:** 8,5 kg

**Dimensions small antenna**

width 400 mm  
height 425 mm  
depth 10/33 mm

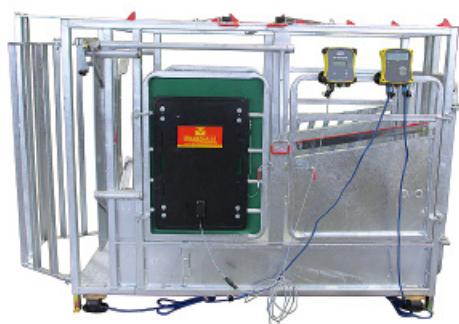
**Weight:** 2,5 kg

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## TECHNICAL FEATURES

- Reads all ISO HDX and FDX-B ear tags.
- Comes with Data Link PC software for Windows, for downloading recorded information and configuring the reader.
- Clear and bright display even in bright sunlight, and buzzer when information is read.
- Option to record tags or send to your weigh scale indicator.
- Data Link app for Android smartphones, email session files back to the office.
- Rugged design and easy to install.
- Bluetooth Class 1 wireless technology to transfer scanned EIDs to weigh scale indicator or other devices up to 100 m away. Automatic pairing/connection to Tru-Test weigh scale indicator, or use the supplied serial communication cable.
- Superior read performance:
  - FDX : Up to 1,000 reads per minute
  - HDX : Up to 850 reads per minute
- Either connect to a 12-24 V battery or use the supplied mains power adaptor.
- Record scanned tags into session files that can be downloaded. Store up to 20,000 tags in memory.
- Read distance up to 1 m for large antenna and up to 700 mm for small antenna.
- IP67 waterproof case with double walled construction and rubber corner buffers for extra durability.



## EID HANDHELD READER



**Dimension**  
height 22 cm

**Weight:** 300 g



IDENTIFICATION

## TECHNICAL FEATURES

- Reads all ISO HDX and ISO FDX-B ear tags.
- Wireless connection: Bluetooth Class 2 wireless module. Pair to other Bluetooth devices such as a weigh scale indicator or printer.
- Built-in memory: 4,000 scanned tag memory, recording groups on animals in session files.
- Battery life up to 8 hours. Recharge using supplied 5 V adaptor through USB Mini-B connector.
- Connect to PC using supplied USB Series A to Mini-B Cable.
- Comes supplied with Data Link for PC software to download recorded information.
- Read performance:
  - FDX : up to 1,000 reads per minute
  - HDX : up to 830 reads per minute.
- Read distance: FDX & HDX up to 300 mm.
- Compact and light weight 300 g reader is comfortable and easy to use.
- Design for the agricultural environment, IP67 dust and waterproof design.
- Clear feedback with daylight viewable display. Membrane keypad with soft keys. Loud feedback buzzer.

# BARCODE SCANNER



## Dimensions

height 18,5 cm

length 75 cm

depth 14,2 cm

Weight: 385 g



non-slip handle



charging base

IDENTIFICATION

## TECHNICAL FEATURES

- Scanner, barcode ear tags reader.
- Built-in Bluetooth to communicate with the weighing indicator.
- Compatible with ID / XR 3000, ID / XR 5000, I 40 and I 45 indicators.
- Superior performance in reading 1D barcodes, regardless of their state.
- Rugged design and IP67 protection.
- Designed to withstand extreme cold, heat and humidity.
- Accessories included: base, power supply and USB cable.





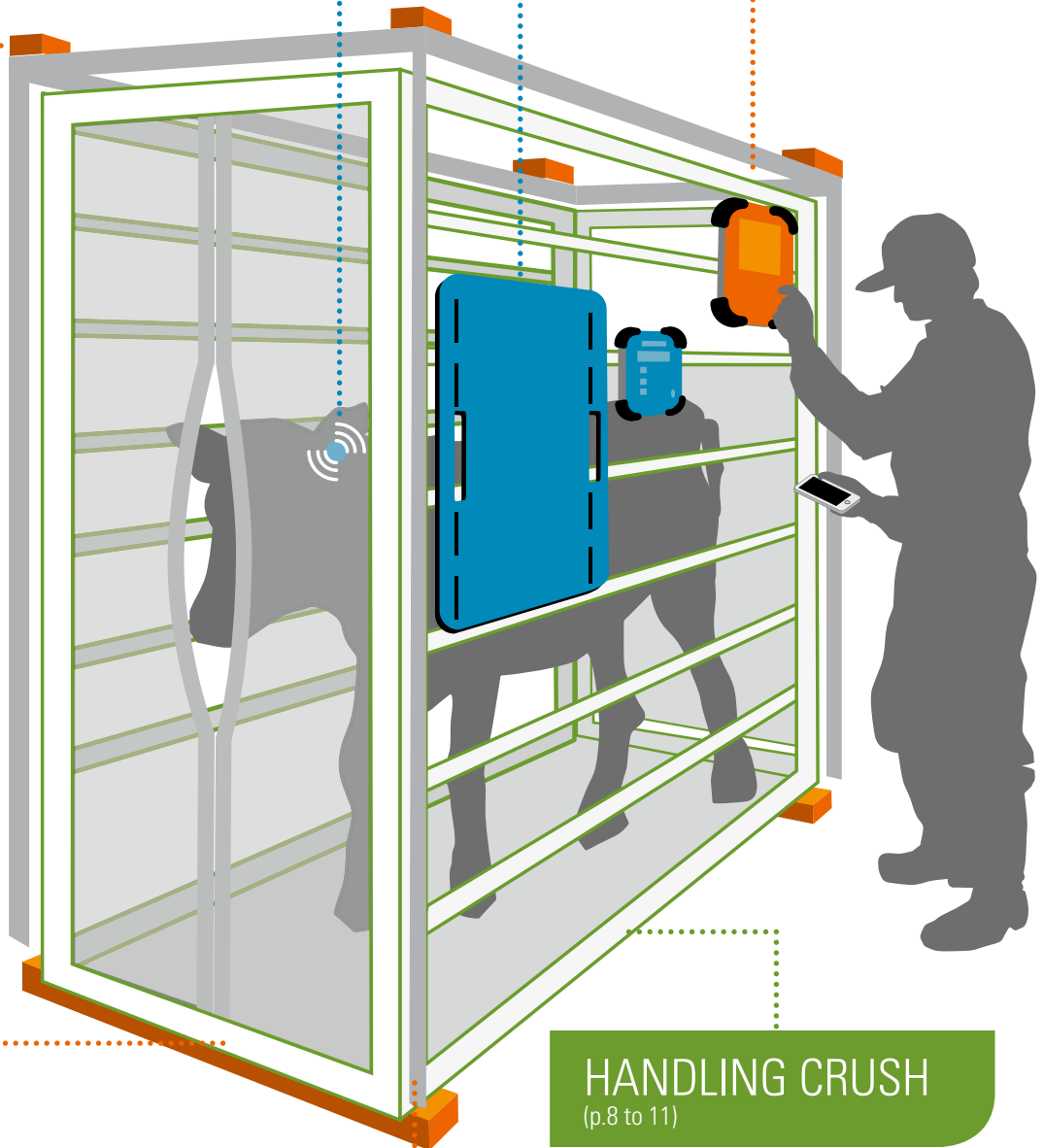
# GLOBAL SOLUTION: WEIGHING IDENTIFICATION HANDLING

IDENTIFICATION

Electronic ear tags .....  
p.23

Overhead  
weighing .....  
p.31

Galva or Stainless  
steel load bars .....  
p.32-33



HANDLING CRUSH  
(p.8 to 11)

WEIGHING SCALE  
(p.30 to 47 )

## ELECTRONIC INDICATORS

(p.34 to 35)

## Indicator PM 650

p.34



## Indicator ID 5000

p.35



## Indicator XR 5000

p.35



## ELECTRONIC IDENTIFICATION SYSTEMS

(p.24 to 27)

## Sticks

p.24



## Antennas

p.25



## Reader

p.26

bluetooth /  
wiredbluetooth /  
wiredDATA  
TRANSMISSION  
BY EMAILbluetooth /  
wired

EXPORT DATA

ID	Animal	Sex	Age	Color	Markings	Date	Time
0001	360	2,7	case 1	028 010 317 414 100	21/05/17	09:08:50	
0002	360	2,7	case 2	028 010 317 414 100	21/05/17	09:08:50	
0003	360	2,7	case 1	028 010 317 414 100	21/05/17	09:08:50	
0004	360	2,7	case 1	028 010 317 414 100	21/05/17	09:08:50	
0005	360	2,7	case 1	028 010 317 414 100	21/05/17	09:08:50	
0006	360	2,7	case 1	028 010 317 414 100	21/05/17	09:08:50	
0007	360	2,7	case 1	028 010 317 414 100	21/05/17	09:08:50	
0008	360	2,7	case 1	028 010 317 414 100	21/05/17	09:08:50	
0009	360	2,7	case 1	028 010 317 414 100	21/05/17	09:08:50	
0010	360	2,7	case 1	028 010 317 414 100	21/05/17	09:08:50	

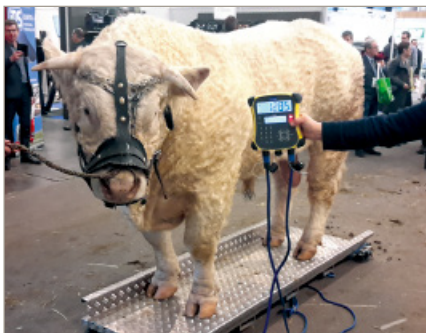
HERD  
MANAGEMENT  
SOFTWARE





# WEIGHING

## WEIGH TO WIN



- Follow the growth of your animals to ensure your profitability.
- Optimize your production costs by regularly monitoring weights of your animals.
- Weigh your animals with a consistent and accurate equipment to avoid negative prices, and grow your profits!
- **If you have special requests on particular dimensions or high capacity scales, we can achieve it! Do not hesitate to contact us.**

## Improve your herd performance!



## MECHANICAL WEIGHING FRAME PM 40



### Dimensions

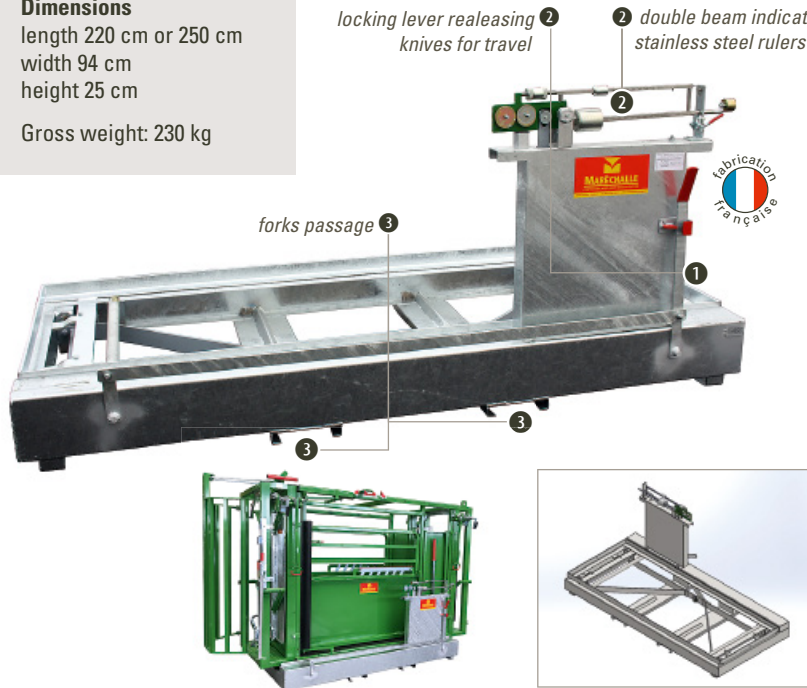
length 220 cm or 250 cm  
width 94 cm  
height 25 cm

Gross weight: 230 kg

locking lever releasing  
knives for travel

double beam indicator with  
stainless steel rulers

forks passage



### TECHNICAL FEATURES

- Angle frame adaptable to all of our cattle crushes.
- Double beam indicator with stainless steel rulers mounted on a removable case.
- Weighing capacity: 1 500 kg / 1 kg.
- Resistance to violent movements of animals.
- Longevity of the weighing system.
- Easy to move through the passage of forks.

### OPTIONS

Extra charge for weighing capacity of 2,000 kg / 1 kg

Legal metrology

Three-point forks PM 30

Verification report, without legal metrology

## SUSPENDED ELECTRONIC WEIGHING FRAME PM 45

### Dimensions

length 230 cm  
width 130 cm  
height 235 cm

Gross weight: 180 kg



### TECHNICAL FEATURES

- Reinforced external frame.
- Structure with 4 overhead sensors in nickel-plated steel.
- Weigh indicator of your choice.
- For handling crushes PM 2400 and PM 2800.

### PRODUCT BENEFITS

- Resistance to violent movements of animals.
- Longevity of the weighing system.
- Weighing on any type of ground.
- For an intensive use.
- Quickly stabilizes even with very lively animals.
- Lasting investment.

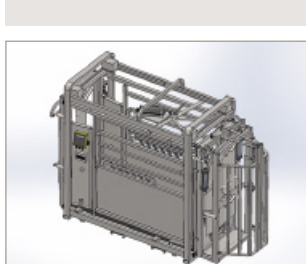
### OPTIONS

Legal metrology (only for indicators I 30, I 40 and I 45)

Printer for indicators of series 3000 and 5000

### WEIGHING CAPACITY

- 2,000 kg / 1 kg

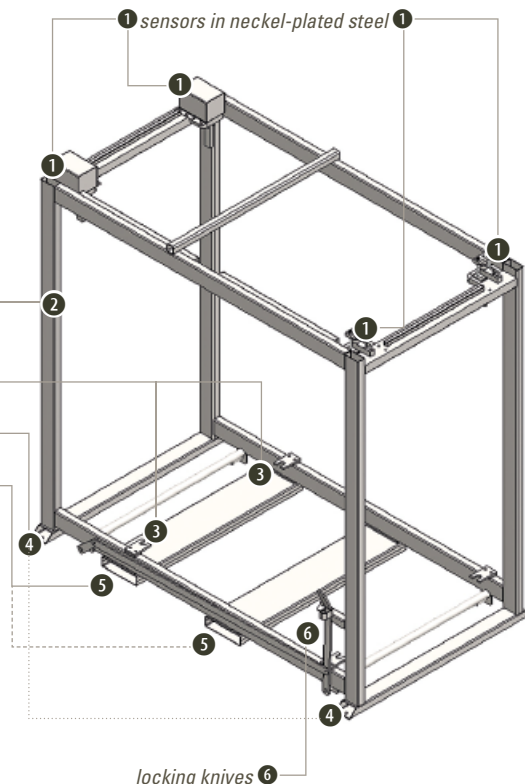


reinforced frame  
tube 100x50x3

stabilizers

ground attachments

forks passage



locking knives

# GALVA LOAD BARS



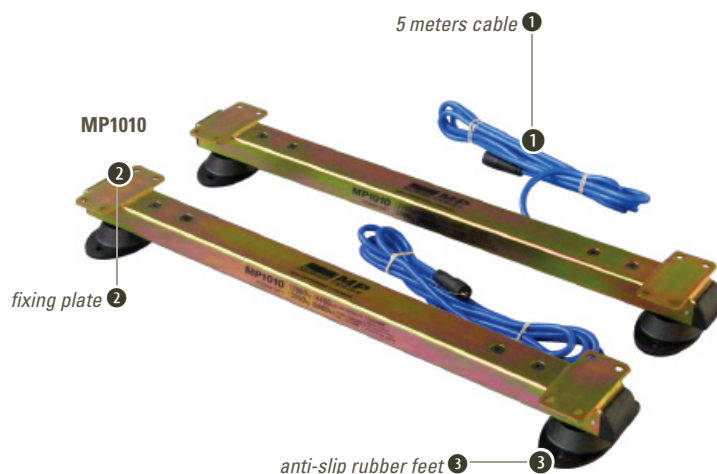
## 4 REFERENCES

MP1010, 1010 mm - weight: 25 kg

BC100, 1010 mm - weight: 25 kg

BC800, 800 mm - weight: 20 kg

BC600, 600 mm - weight: 16 kg



## TECHNICAL FEATURES

- Versatile, can be used in a temporarily or permanent site, easily transported between different weighing sites.
- Compatible with all our electronic indicators.
- Robust and durable over time.
- Resistant to violent movements of animals.
- Specially developed for weighing live animals.
- Reinforced cables to prevent deterioration.
- Rubber feet for better grip and impact protection.
- Water, bad weather and dust resistant.
- Each bar has 2 load cells.
- To install on a firm level surface.
- Weighing capacity : 2,000 kg, multi-step graduation.
- Total resistance: 3,000 kg (1,000 kg tare).

## OPTIONS

Verification report, without legal metrology

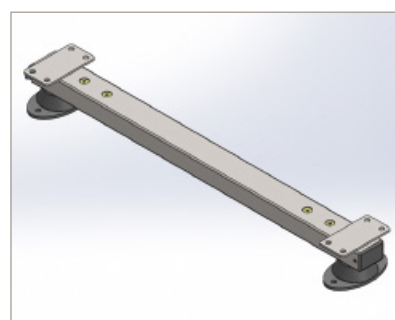
Mounting brackets and crutches

Legal metrology (only for BC100, BC800, and BC600)

## WEIGHING CAPACITY

- Up to 2,000 kg / 1 kg

## MP1010



Galva load bars





## STAINLESS STEEL LOAD BARS



### 5 REFERENCES

BCI 600: 600 mm  
BCI 800: 800 mm  
BCI 1000: 1010 mm  
BCI 1200: 1200 mm  
BCI 1500: 1500 mm

BCI 1200



BCI 1000



### TECHNICAL FEATURES

- Very robust with 4 stainless steel sensors IP67 protection.
- IP67 waterproof connector.
- 5 m braided shielded cables and anti rodents.
- Stainless steel swivel feet.
- Very robust and durable over time.
- Available in length 600, 800, 1000, 1200, or 1500 mm.
- Compatible with all our electronic indicators.
- Weighing capacity : 2,000 kg, multi-step graduation.
- Total resistance: 3,000 kg (1,000 kg tare).

### OPTIONS

Verification report, without legal metrology

Legal metrology associated with a load receptor (platform or crush)

### WEIGHING CAPACITY

- Up to 2,000 kg / 1 kg



Stainless steel load bars



## INDICATOR PM 500



## TECHNICAL FEATURES



- IP67 protection, 100% water and dust proof.
- Highly visible display: large 35 mm reflective display with a super bright backlight making it viewable in all conditions, from brightest daylight to darkness.
- Auto Zero: option to ensure any accumulation of animal dirt on the platform or crate is zeroed out.
- Improved weighing, lock onto lively animals even faster.
- Bright red stable light.
- Fine mode: on/off option allows weighing in a finer resolution for lower weights.
- Battery life up to 20 hours of run time.
- 3 hours charging time.
- Auto power off: automatically turns off after 15 minutes of no activity to save the battery.
- Supplied mains power adaptor.
- Operating temperature: from -10°C to +40°C.
- Storage temperature: from -20°C to +35°C.

## OPTION

Verification report, without legal metrology

## INDICATOR PM 650



## TECHNICAL FEATURES



- Wireless or tethered EID reader connectivity, choose between wireless Class 1 Bluetooth communication with EID readers up to 100 m away, or connect via cable.
- Records information against Electronic (EID) and Visual tags. VID numbers can be automatically cross-referenced with their EID match, saving you time and reducing data entry.
- Stores up to 100 weighing sessions and 20,000 records.
- Calculates and displays an animal's daily weight gain since the previous session.
- Capture traits or treatments. Record notes for each individual animal.
- Speeds up weight drafting by displaying direction for up to 3 weight ranges.
- IP67 protection, 100% water and dust proof.
- Large 35 mm reflective display with a super bright backlight makes it viewable in all conditions, from brightest daylight to darkness.
- Auto Zero: option to ensure any accumulation of animal dirt on the platform or crate is zeroed out.
- Bright red stable light.
- Fine mode: on/off option allows weighing in a finer resolution for lower weights.
- Battery life up to 15 hours of run time.
- 3 hours charging time.
- Auto power off: automatically turns off after 15 minutes of no activity to save the battery.
- Supplied mains power adaptor.

## OPTION

Verification report, without legal metrology

## INDICATOR ID 5000



NEW



## TECHNICAL FEATURES



- Built-in Bluetooth and wifi.
- Bluetooth wireless interface up to 100 m.
- Color display with screen clarity in even the brightest sunlight.
- Adapts to any RFID identification system and communicates live on smartphone and computer.
- Calculates the average daily weight gain.
- Stores up to 250,000 records in 250 weighing sessions
- Track performance through calculating and visualising an animal's weight gain.
- Up to 5-way drafting by weight, weight gain and single criteria.
- Pre-loaded common setups or save own favourite setups to easily switch between jobs.
- Quickly transfer information through your mobile device (Android or Apple), USB memory stick or computer (Microsoft Windows).
- Long life 13 hours battery and 5 hours charging time.
- Water, dust and shock proof IP67 case.

## OPTIONS

Verification report, without legal metrology

Printer

## INDICATOR XR 5000



NEW



## TECHNICAL FEATURES



- Built-in Bluetooth and wifi.
- Bluetooth wireless interface up to 100 m.
- Color display with screen clarity in even the brightest sunlight.
- Adapts to any RFID identification system and communicates live on smartphone and computer.
- Depending on the weight displayed, the indicator calculates and displays the exact amount of medication to be administered.
- Stores up to 1 million records in 1,000 weighing sessions and records up to 100 pieces of information for each animal.
- Calculates the average daily weight gain and carcass weight.
- Sorting function: an arrow announces the direction of the animal according to its weight category and several other criteria.
- Long life 13 hours battery and 5 hours charging time.
- Water, dust and shock proof IP67 case.

## OPTIONS

Verification report, without legal metrology

Printer



## INDICATOR I 30



## TECHNICAL FEATURES



- 5-key functional waterproof keypad.
- Backlit 25 mm LCD display with 6 high contrast digits with icons for showing the active functions.
- Easy to clean ABS IP54 case, resistant to harsh and corrosive environments.
- Suitable for use on the table, column, or wall.
- Fitted with fixing bracket with adjustable inclination.
- Supplied as standard with 4 AA batteries extractable drawer with 60 hours autonomy, and 12V external power adapter.
- Zeroing.
- Automatic tare.
- Printing and/or data transmission.

## OPTIONS

Legal metrology

RJ11-USB cable

Bluetooth

## INDICATOR I 40



## TECHNICAL FEATURES



- Color touch screen.
- Backlit graphic display with touch screen technology.
- ABS waterproof enclosure, with new IP65 protection system.
- Multilanguage software.
- QWERTY, AZERTY or QWERTZ keyboard, selectable.
- Suitable for use on the table, column, or wall.
- Real time clock and permanent data storage.
- No battery.
- Fitted alibi memory, integrated on the motherboard.
- Configuration, data entry and print formatting.
- Recording and filing of all the information on PC.
- Customization of the screens.
- Connectable to printers and labellers with free programming of the printout formats.
- 110-240 Vac power supply.

## OPTIONS

Legal metrology

RJ11-USB cable

Bluetooth

## INDICATOR I 45



## TECHNICAL FEATURES



- With integrated printer.
- No intern battery.

## OPTIONS

Legal metrology

RJ11-USB cable

Bluetooth



	XR 5000	ID 5000	PM 650	PM 500	I 30	I 40	I 45
Color display	✓	✓				✓	✓
Protection (IP)	IP 67	IP 67	IP 67	IP 67	IP 68	IP 65	IP 65
Stability indicator light	✓	✓	✓	✓	✓	✓	✓
Fine resolution mode	✓	✓	✓	✓			
Automatic zero on/off	✓	✓	✓	✓	✓	✓	✓
Battery life	> 10 h	> 10 h	> 15 h	> 20 h	> 60 h	no battery	no battery
Alphanumeric keyboard	✓	✓	✓			✓	✓
USB cable connection	✓	✓	✓		option	option	option
Bluetooth	✓	✓	✓		option	option	option
Compatible with EID devices	✓	✓	✓			✓	✓
Internal memory	✓	✓	✓			✓	✓
Number of weighing sessions	1 000	250	100			1 000	1 000
Customizable criteria records	100	3	1				
Daily weight gain calculation	✓	✓	✓				
Date and time display	✓	✓	✓				on the ticket
Basic statistics (average, min, max)	✓	✓	✓				
Maréchalle sorting module	✓	✓	✓		✓	✓	✓
Sorting ranges (number of paths)	10	5	3		3	3	3
Sorting criteria (weight, sex, age, etc.)	multiple	weight + 1 criteria	weight		weight	weight	weight
Computer interface software included	✓	✓	✓			option	option
App for Android Smartphone	✓	✓	✓		✓ with Bluetooth	✓ with Bluetooth	✓ with Bluetooth
App for Apple Smartphone	✓	✓					
Carcass weight calculation	✓	✓					
History chart of the animal	✓	✓					
Graph of datas on the screen	✓	✓					
Characteristic of medical treatments	✓						
Legal Metrology possible					✓	✓	✓

## WEIGHING PLATFORM PM 42

**Dimensions**

length 220 cm  
width 80 cm

**Gross weight:** 55 kg

**TECHNICAL FEATURES**

- **Compatible with any indicator to choose (not included).**
- Aluminium platform with load bars 800 mm.
- Lightweight and easy to move.
- To install on a stable, level surface. Can also be installed in a handling alley.
- Resistance to violent movements of animals.
- Good protection against moisture and dust.

**WEIGHING CAPACITY**

- 2,000 kg / 1 kg

## WEIGHING PLATFORM PM 42 FOR HORSES

**Dimensions**

length 200 cm  
width 100 cm  
height 10 cm

**Gross weight:** 60 kg

**TECHNICAL FEATURES**

- **Compatible with any indicator to choose (not included).**
- Lightweight aluminum platform with rubber mat.
- On wheels and with a handle for easy transfer.
- Platform on 4 sensors with swivel feet.
- Height 10 cm well adapted to horses.
- To install on a stable, level surface.

**WEIGHING CAPACITY**

- 1,500 kg / 1 kg





## WEIGHING PLATFORM PM 43



**Dimensions**  
length 245 cm  
width 80 cm

**Gross weight:** 140 kg

WATCH

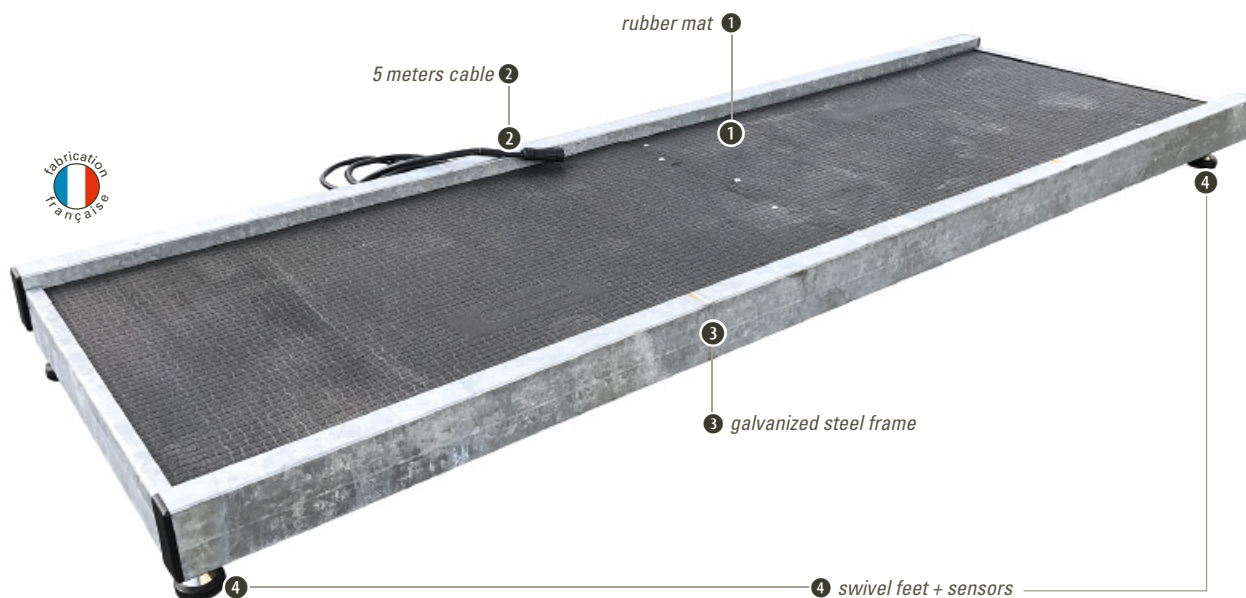
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## TECHNICAL FEATURES

- Compatible with any indicator to choose (not included).
- Multifunction electronic weighing platform.
- For various types of weighing: cattle, big bags, pallets etc.
- Galvanized weighing platform with 4 sensors with swivel feet.
- Non-slip and sound absorbing rubber mat.
- Can be installed in a handling alley.



## OPTION

Legal metrology (only for the indicators I 30, I 40 and I 45)

## WEIGHING CAPACITY

- 2,000 kg / 1 kg



## WEIGHING PLATFORM PM 41

**Tray dimensions**

100 cm x 100 cm  
150 cm x 150 cm  
220 cm x 100 cm  
220 cm x 120 cm  
250 cm x 100 cm  
250 cm x 150 cm

Deck height from the ground: 25 cm  
Total height: 110 cm



1 double beam with stainless steel rulers

2 treadplate steel platform,

**TECHNICAL FEATURES**

- Extra-reinforced construction.
- Double beam indicator with stainless steel rulers mounted on a removable case.
- Steel platform fixed on metal framework avoiding any risk of distortion.
- Body surmounted by a sheet metal deck fixed on the frame.
- Weighing mechanism suspended by flanges neutralizing the effect of shocks.
- Setting the tare by threaded wheel.
- Knives and pads in special steel, cadmium plated, 4 bits.
- To install on a horizontal stable surface.

**OPTIONS**

Extra charge for weighing capacity of 2,000 kg / 1 kg

Legal metrology

Locking knives

**WEIGHING CAPACITIES**

- 300 kg / 200 g
- 500 kg / 500 g
- 1,500 kg / 1 kg

## WEIGHING PLATFORM PM 44

**Possible dimensions**

100 x 100 cm	250 x 100 cm
150 x 150 cm	250 x 150 cm
220 x 100 cm	300 x 200 cm
220 x 120 cm	400 x 200 cm

**TECHNICAL FEATURES**

- Galvanized steel platform.
- Mounted on pivoting feet with a sensor at each corner.
- Weigh indicator of your choice.
- To install on a stable, level surface.
- Good protection against moisture and dust.

**OPTION**

Legal metrology

**WEIGHING CAPACITY**

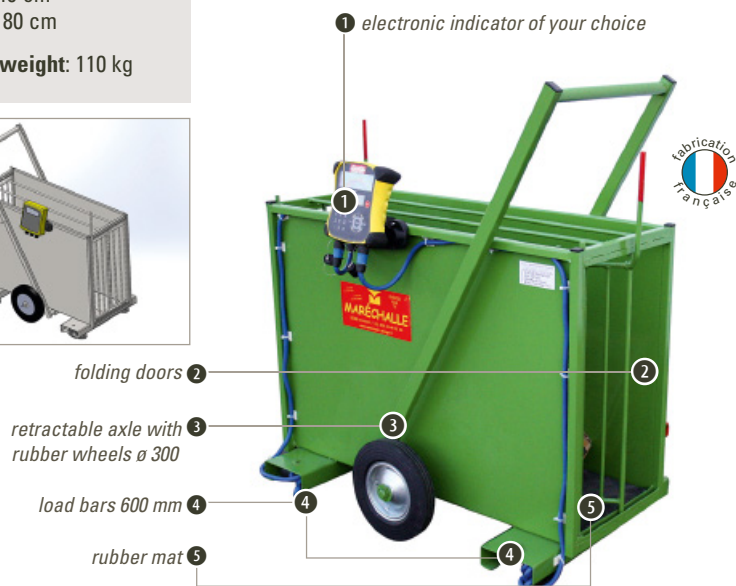
- 2,000 kg / 1 kg

## WEIGHING CRATE PM 120

**Internal dimensions**

length 110 cm  
width 40 cm  
height 80 cm

**Gross weight:** 110 kg

**TECHNICAL FEATURES**

- Compatible with any indicator to choose (not included).
- Weighing crate especially designed for small animals.
- Easily movable in the farm through the axle.
- Access on the top of the animal.
- Folding front and rear doors. Fast and easy opening and closing.
- Product available in paint or galvanized.

**ANIMAL CONFORT**

- Without noise and with opaque sides, you keep your animals more serene.
- No risk of slipping thanks to the rubber mat.

**WEIGHING CAPACITY**

- 300 kg / 100 g

## WEIGHING CRATE PM 200

**Internal dimensions**

length 150 cm  
width 50 cm  
height 110 cm

**Gross weight:** 230 kg

**TECHNICAL FEATURES**

- Mechanical weighing crate with double beam and suspended weighing mechanism.
- or hybrid weighing crate with mechanical overhead system and electronic indicator of your choice (not included).
- Longevity of the weighing system.
- Access to the top of the animal for cares or ultrasounds.
- Access to the animal's teats on the side.
- Easy to move in the farm with retractable carry handles.
- Fast and easy doors' opening and closing.
- Front and back revolving doors, with interchangeable direction.
- Product galvanized only.

**ANIMAL CONFORT**

- Without noise and with opaque sides, you keep your animals more serene.
- No risk of slipping thanks to the rubber mat.

**WEIGHING CAPACITY**

- Mechanical crate: 300 kg / 200 g
- Electronic crate: 300 kg / 100 g



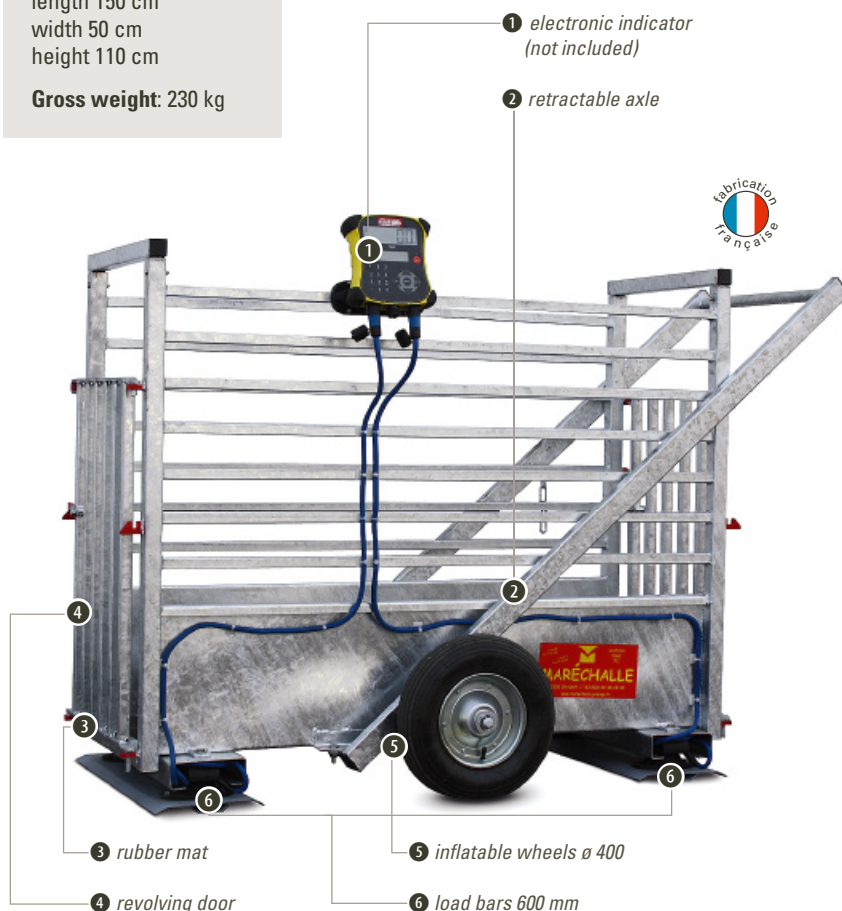
# WEIGHING CRATE PM 300



## Internal dimensions

length 150 cm  
width 50 cm  
height 110 cm

Gross weight: 230 kg



## TECHNICAL FEATURES

- Mechanical weighing crate with double beam and suspended weighing mechanism.
- or electronic weighing crush with load bars 600 mm and indicator of your choice (not included).
- Access to the top of the animal for cares or ultrasounds.
- Access to the animal's teats on the side.
- Easy to move in the farm with retractable axle and wheels.
- Fast and easy doors' opening and closing.
- Front and back revolving doors, with interchangeable direction.
- Product galvanized only.

## ANIMAL CONFORT

- Without noise and with opaque sides, you keep your animals more serene.
- No risk of slipping thanks to the rubber mat.

## WEIGHING CAPACITY

- Mechanical crate: 300 kg / 200 g
- Electronic crate: 300 kg / 100 g

overhead mechanical weighing system with double beam



# WEIGHING CRATE PM 51



## Possible dimensions (length x width)

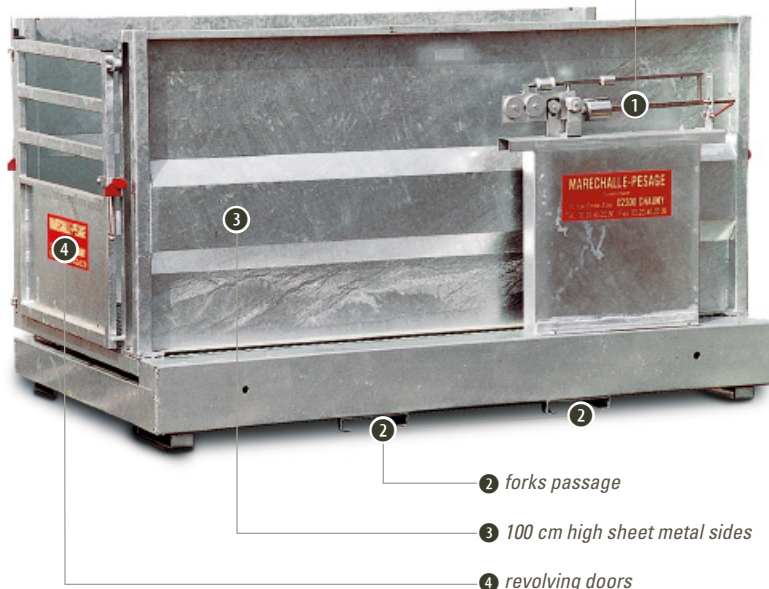
220 x 100 cm      300 x 200 cm (only for  
220 x 120 cm      electronic model)  
250 x 150 cm

300 x 150 cm      height: 100 cm

Warning: width of front and rear doors is always 100 cm.



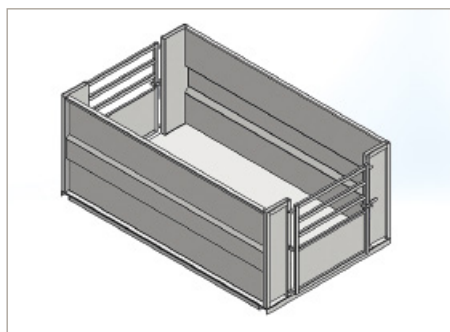
mechanical weighing frame (1)  
with double beam



(2) forks passage

(3) 100 cm high sheet metal sides

(4) revolving doors



PM 51 in 250 x 150 cm

## TECHNICAL FEATURES

- Crate designed to weigh a batch of animals.
- Mechanical weighing with angle frame PM 40.
- or electronic weighing crush with load bars and indicator of your choice (not included).
- Fast and easy doors' opening and closing.
- Front and back revolving doors, with interchangeable direction.
- Product galvanized only.

## WEIGHING CAPACITY

- Mechanical crate: 1,500 kg / 1 kg
- Electronic crate: 2,000 kg / 1 kg

### OPTIONS FOR MECHANICAL MODEL

Extra charge for weighing capacity of 2,000 kg / 1 kg

Legal metrology

PM 30 three-point forks

Locking knives

Rubber mat

### OPTION FOR ELECTRONIC MODEL

Rubber mat (*contact us*)



# AUTO-WEIGHING CRUSH PM 6000 LIBERTY



## Internal dimensions

length 300 cm  
width 82 cm  
height 190 cm

Gross weight: 750 kg

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## TECHNICAL FEATURES

- Weighing crush operating in complete autonomy.
- Weighing without stopping thanks to the indicator WOW XR 3000.
- Weights auto recording with numbers of electronic ear tags.
- RS 232 and USB cables for data transfer to your computer.
- The weighing crush can be used outdoors or in stalls.
- Easy to move with forks passage and with three points linkage.
- Possibility to add a solar panel for extended battery life.

## OPERATION

### First: Entrance into the crush

The front door is closed, the back door is open. The animal comes in and, by stepping on the pedals of the floor, activates the closure of the back door.

### Second: the animal is weighed and identified

Crossing the crush, the animal is identified with EID panel reader, and at the same time weighed by the indicator WOW XR 3000. This indicator is able to stabilize and record weight without the animal has to pause for a time on the scale.

### Third: Exit

To exit the crush, the animal pushes on the front flaps' door and therefore activates the opening of the front and back doors. Once the animal is out, the front door closes down. The crush is back in standby position.



## PRODUCT BENEFITS

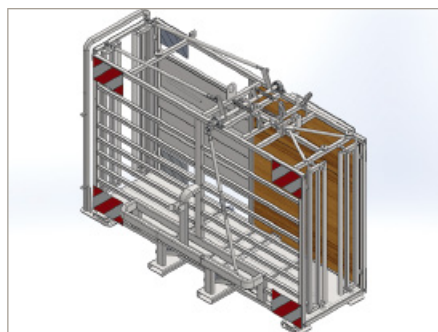
- The purpose of this weighing crush is to have a very precise control of the weight of your herd.
- No intervention or human presence, so the animal is never stressed.
- Takes away the burden of weighing.

## OPTIONS

Solar Panel

Three-parts gate with 1 including 2 backstop doors

Verification report, without legal metrology





## WEIGHING CRUSH PM 61

**Internal dimensions**

length 240 cm  
width 82 cm  
height 170 cm

**Gross weight:** 500 kg

- ① double leaf door PM 88
- ② sheet metal sides
- ③ electronic indicator of your choice (not included)



crush for horses



- ④ double leaf door PM 88
- ⑤ sheet metal sides

**TECHNICAL FEATURES**

- Mechanical weighing with angle frame PM 40.
- or electronic weighing crush with load bars and indicator of your choice (not included).
- Double-leaf front and back doors PM 88.
- Easy to move in the farm by three-points linkage.
- Three-points linkage for transfer.
- Checker plate floor.
- Is also suitable for horses with removable raisers.
- Product available in paint or galvanized.

**OPTIONS FOR MECHANICAL MODEL**

Extra charge for weighing capacity of 2,000 kg / 1 kg

Legal metrology

PM 30 three-points forks

Locking knives

Rubber mat

Verification report, without legal metrology

Width reducer

**OPTIONS FOR ELECTRONIC MODEL**

Rubber mat

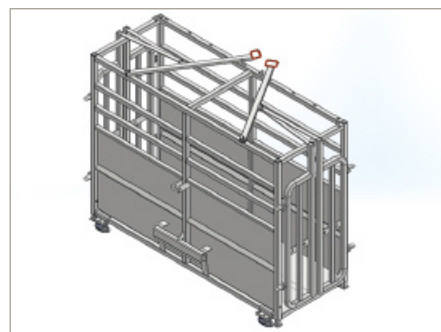
Verification report, without legal metrology

Width reducer

**OPTIONS FOR HORSES MODEL**

Rubber mat

Removable raisers from 1.70 m to 2.20 m and ordinary doors



- ⑥ locking knives
- ⑦ mechanical weighing frame with double beam
- ⑧ forks passage

# HYBRID WEIGHING CRUSH PM 1600

> > > with possibility of handling



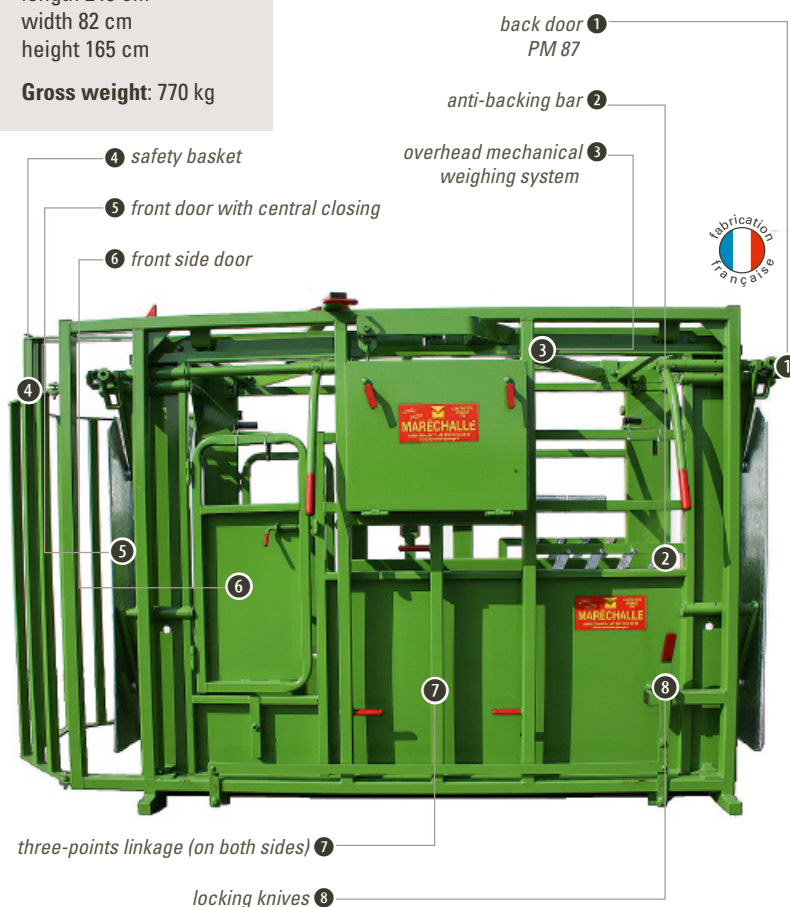
## Internal dimensions

length 240 cm

width 82 cm

height 165 cm

Gross weight: 770 kg



## TECHNICAL FEATURES

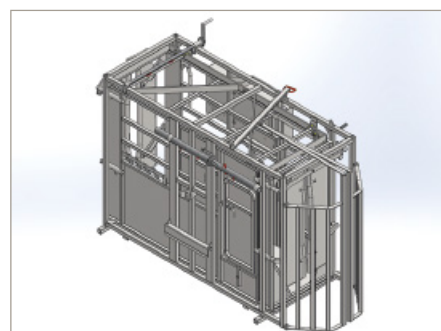
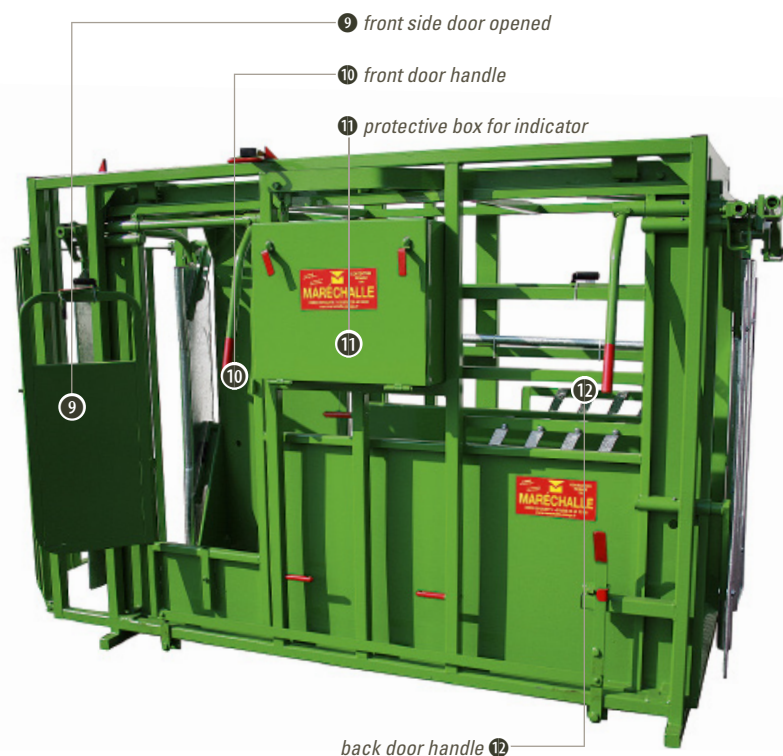
- Weighing mechanism suspended by flanges neutralizing the effect of shocks.
- Knives and pads in special steel, cadmium plated, 4 bits.
- Electronic indicator of your choice (not included) mounted under cover in a box.
- Longevity of the weighing system against shocks and dirt.
- 2 three-point linkages, one reinforced for traveling on the road.
- Locking knives system for transfer.
- Access to the front of the animal for various treatments through the side door.
- Weighing on any type of ground.
- Ideal for an intensive use.
- Product available in paint or galvanized.

## WEIGHING CAPACITY

- 2,000 kg / 1 kg

## OPTIONS

- Mechanical weighing system with double beam
- Printer (compatible with indicators 3000, 5000 and I30)
- Verification report, without legal metrology
- Legal metrology (only for indicators I30, I40 and I45)
- Reverse model for crush: handles on the left from a front view
- SUPER model (hoof trimming equipment)
- Manual or pneumatic scoop head up
- Medicine box
- Rubber mat
- Width reducer
- Muzzle boom lift





# HYBRID WEIGHING CRUSH PM 1200

>>> for intensive traffic

## Internal dimensions

classic model

length 240 cm

width 82 cm

height 165 cm

**Gross weight: 770 kg**

reinforced model

length 270 cm

width 102 cm

height 180 cm

**Gross weight: 950 kg**



option measurement chain : 1 sensor  
with 1 indicator (not included)

double beam (option)

back door PM 87  
with central closing



## TECHNICAL FEATURES

- Weighing mechanism suspended by flanges neutralizing the effect of shocks.
- Knives and pads in special steel, cadmium plated, 4 bits.
- Electronic indicator of your choice (not included) mounted under cover in a box.
- Longevity of the weighing system against shocks and dirt.
- Locking knives system for transfer.
- Weighing on any type of ground.
- Extra-reinforced construction designed for an intensive use.
- Ideal for an intensive use.
- Stationary. Model designed for allotment centers or slaughterhouses.
- Front and back doors PM 87.
- Product galvanized only.

## OPTIONS

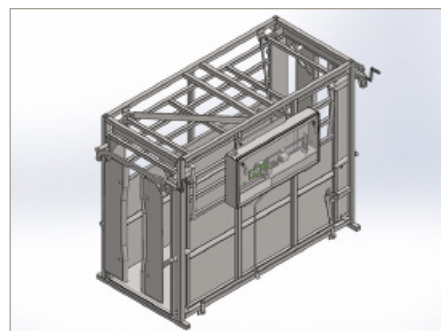
Mechanical weighing system with double beam

Printer (compatible with indicators 3000, 5000 and I 30)

Verification report, without legal metrology

Legal metrology (only for indicators I 30, I 40 and I 45)

Rubber mat for classic model



Reinforced PM 1200 used for the official weighing contest at the International Agriculture Show in Paris.

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# WEIGHBRIDGE

**Dimensions**  
length 14, 16 or 18 m  
width 3,00 or 3,35 m

**NEW**

**WIDTH 3,35 M**

## TECHNICAL FEATURES

- Metal modular or concrete weighbridge.
- Weighing indicator with weighbridge application.
- Pit implantation or above ground.
- Weighing capacity: up to 60T / 20 kg.

## BENEFITS

- Built to last.
- Easy installation.
- Easy cleaning of the weighbridge.
- Possible certification for commercial transactions.
- Simple installation.

## OPTIONS

- Metal ramps
- Compact ground frame
- Wheel guide (anti-fall truck system)
- Weighing terminal



## DOUBLE BEAM



Extra charge for double beam weighing capacity of 2,000 kg / 1 kg.  
Possible on PM 40, PM 41, PM 51 and PM 61.

## PRINTER



For indicators :  
ID 3000, XR 3000, WOW XR 3000, ID 5000 and XR 5000.

## LEGAL METROLOGY



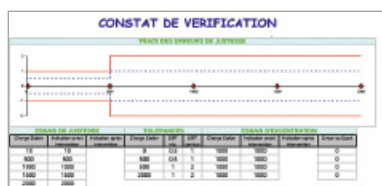
Label for commercial transaction.

- Weighing capacity: 1,500 kg / 1 kg

*Ask us for greater weighing capacity.*

- Only for indicators I 30, I 40, I 45, and mechanical weighing systems.

## VERIFICATION REPORT

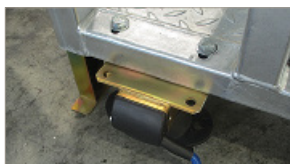


Without legal metrology.

## MOUNTING BRACKETS AND CRUTCHES

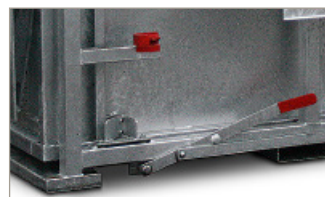


- Brackets and bolts to fix the load bars to the handling crush (brackets if crush manufactured before september 2016).
- Crutches to secure the bars when traveling or to avoid overload when you use only the handling crush without weighing.



**KIT 8 BOLTS + 4 CRUTCHES OFFERED**  
when purchase of a crush with load bars.

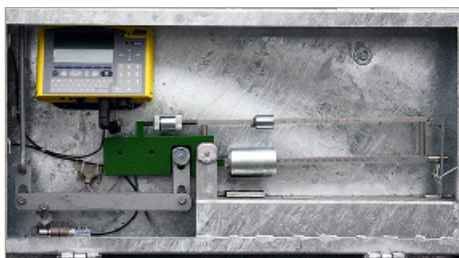
## LOCKING KNIVES



For PM 40, PM 41 and PM 45

To relieve the weighing mechanism when traveling or when not in use.

## MEASUREMENT CHAIN WITH SENSOR AND ELECTRONIC INDICATOR



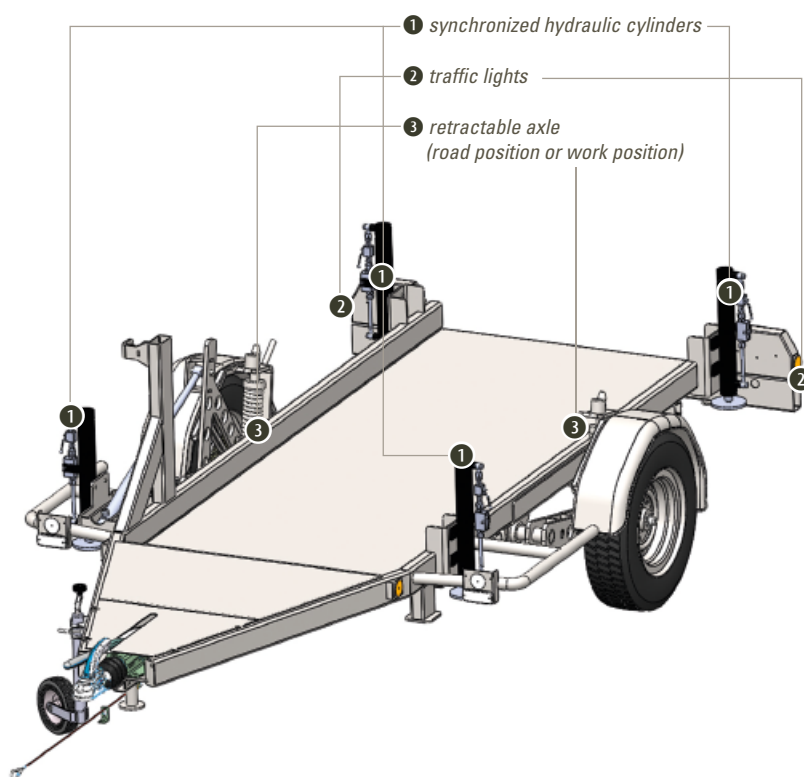
To equip a mechanical weighing equipment in electronic weighing with the indicator of your choice.



# TRAILER TRAY

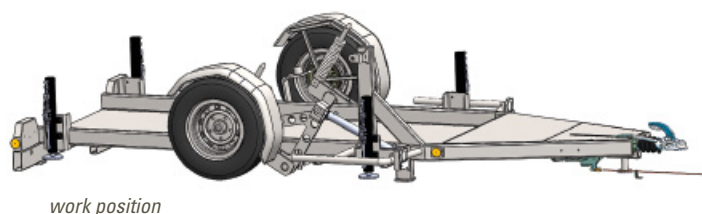
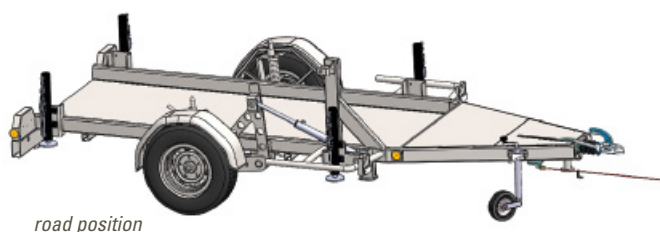
>>> TO TRANSPORT AND USE OUR CRUSHES

**NEW**  
available in  
**2018**

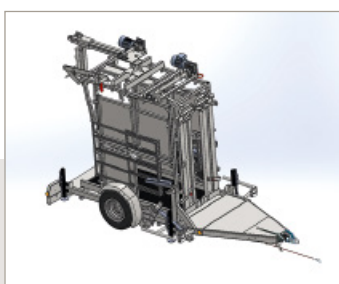


## TECHNICAL FEATURES

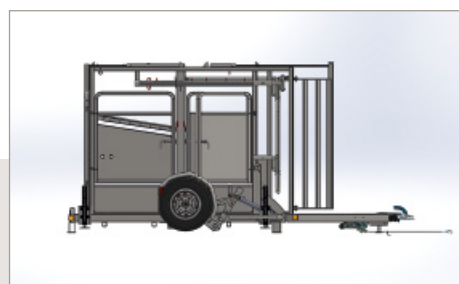
- Trailer tray capable of receiving our handling, hoof trimming and weighing crushes.
- Certified trailer for registration and road transport.
- The tray is equipped with 4 hydraulic cylinders and an electric pump for lowering and lifting.
- When the tray is completely lowered on the ground, it allows an easy entrance of the animals in the crush.
- Animals come in easily, you save time on treatments.



with PM 2800 crush



with PM 4600 crush



with PM 2400 crush

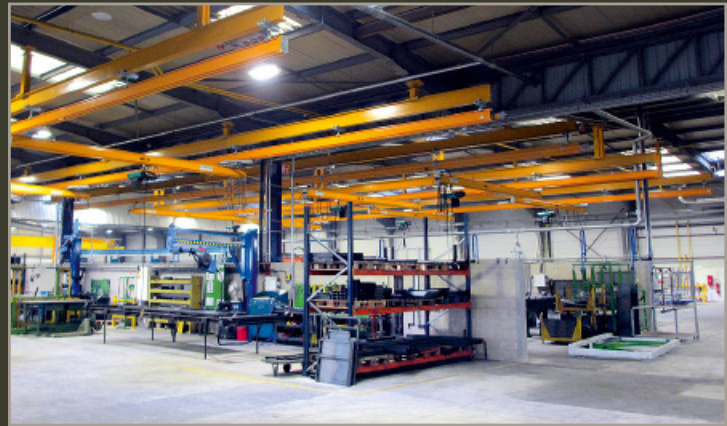
## PRODUCT BENEFITS

- Our handling, hoof trimming and weighing crushes on the trailer allow you to move from farm to farm.



# NOTES

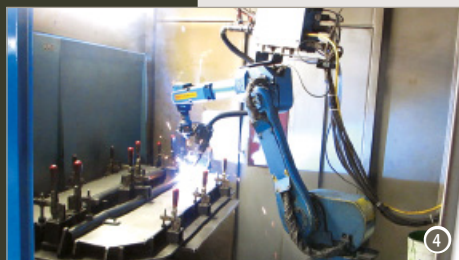
Handwriting practice lines consisting of 20 horizontal dotted lines.



# NEW PLANT

Since June 2015, we moved into our new plant in Chauny, avenue Jean Jaurès.

Established on 18 000 m<sup>2</sup>, including 6 000 m<sup>2</sup> covered.



## EQUIPMENT MACHINERY

- ❶ SHEET METAL LASER CUTTING  
Power: 3 200 Watts  
Steel: 20 mm  
Stainless steel: 10 mm  
Aluminium: 8 mm
- ❷ TUBE LASER CUTTING  
Power: 2 000 Watts  
Steel: 8 mm  
Stainless steel: 4 mm  
Aluminium: 3 mm
- ❸ PRESS BRAKE  
Length: 3 m
- ❹ 2 WELDING ROBOTS  
1 robot 10 axes  
1 robot 7 axes
- ❺ DEGREASING STATION  
Zero rejection for the environment.
- ❻ PAINTING BOOTH  
Length: 12 m  
Width: 4 m  
Height: 4 m



# NEW BUSINESS : SUBCONTRACTING

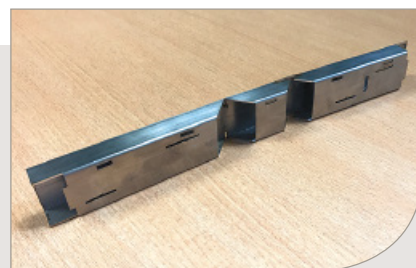
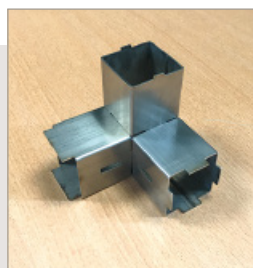
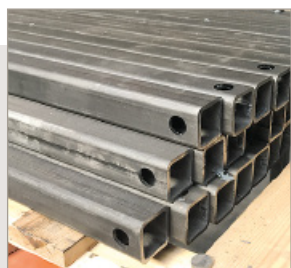
## TRULASER 7000 TUBE CUTTING

**Power:** 2000 Watts

**Maximum diameter:** 200 mm

**Length of finished parts:** 3000 mm

**Maximum depth:** steel 8 mm  
stainless steel 4 mm - aluminium 3 mm



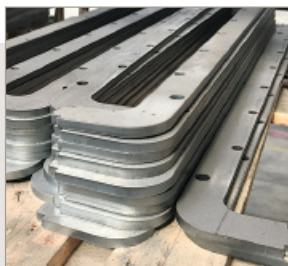
**Send us your sketches**

# TRULASER 3030 SHEET METAL CUTTING

**Power :** 3200 Watts

**Maximum sheet size:** 3000 x 1500 mm

**Maximum depth:** steel 20 mm  
stainless steel 12 mm - aluminium 8 mm



for any quote request

# COMMUNICATION

## EXHIBITIONS

Every year we are present at many agricultural shows. We are always listening to your comments and thoughts in order to improve our products and move towards a simpler, more convenient and more secure future with you.

## GUARANTEES

Our devices are guaranteed for one year from date of shipment against defects of manufacturing or materials. Our responsibility is limited to the pure and simple replacement of defective parts, without any compensation. Shipping costs whatsoever, always remain to the customer.

## GALVANIZATION

To prevent corrosion of steel due to prolonged contact with silage, slurry and manure, it is recommended to apply some paint bituminous TR0005 before use, and then periodically, to protect the equipment.

## IMPORTANT INFORMATION

- For road travels of equipment such as cattle scales, transpanel, handling crushes and alleys, it is obligatory to respect the existing regulations. MARECHALLE can not be held responsible for accidents.
- For proper use of the products, it is mandatory to regularly check the tightness of equipment and lubricate the elements in motion.
- Despite all the attention we pay when designing our products, with the main objective the optimum wellness of the animal and a maximum level of security, Maréchalle can not be held responsible when an accident occurred with an animal. Knowledge and daily monitoring of animals by farmers remain the most secure solution to prevent accidents.



FOLLOW US ON OUR SOCIAL MEDIA  
and get the latest info on all of our events!





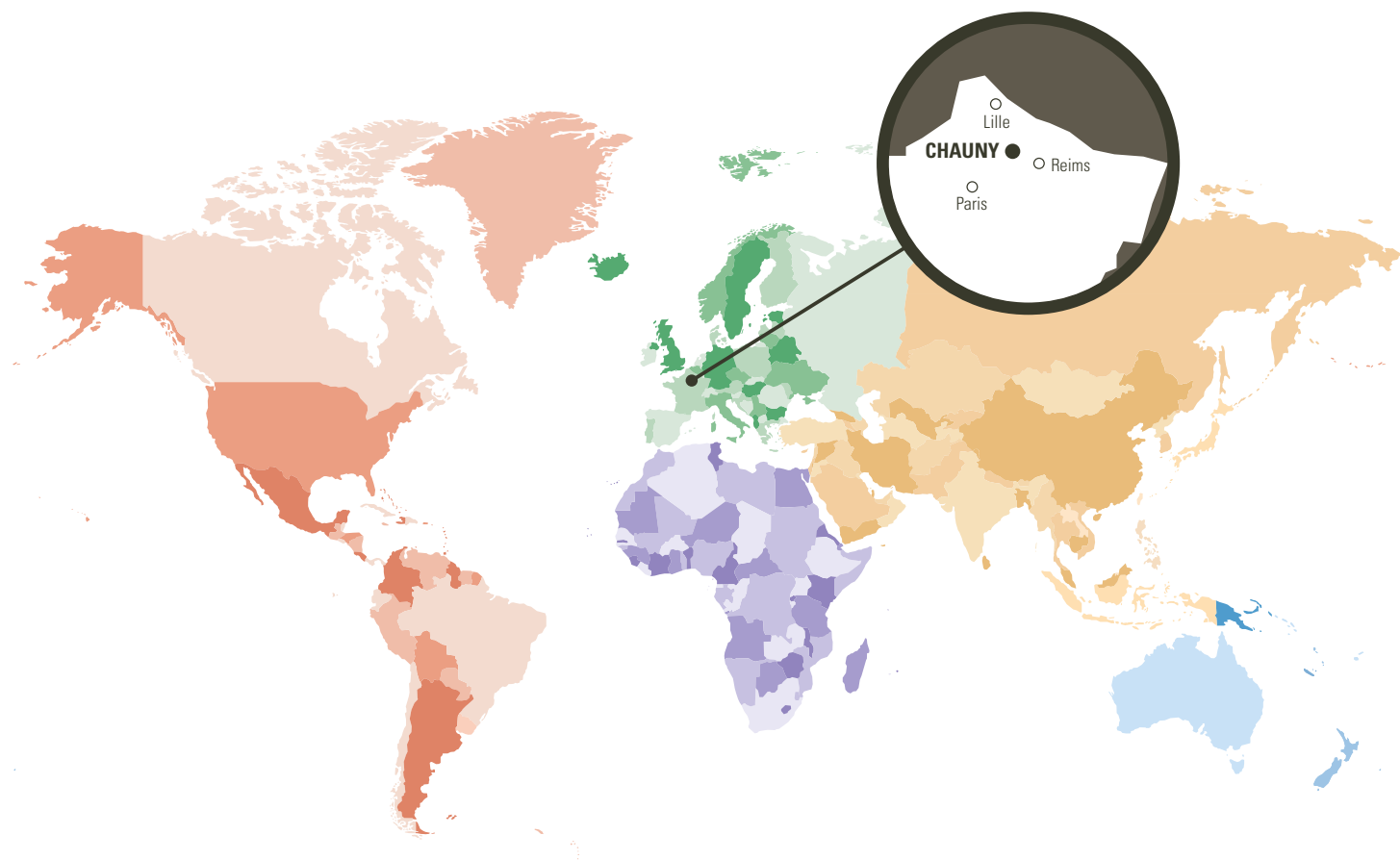
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# MARÉCHALLE

CONTENTION ■ PESAGE ■ IDENTIFICATION



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