



**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](http://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-BÉTAL.

SUR LES SALONS AGRICOLES, LES PÈSE-BÉTAL 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'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 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 !

# SUMMARY

## HANDLING

Handling	2
Headgates and back doors	3 to 8
Hoof trimming crushes	9 to 13
Cattle handling crushes	14 to 17
Pneumatic automation	18
Mobile handling equipment	19 to 21

## IDENTIFICATION

Identification	22
Electronic identification systems	23 to 25

## WEIGHING

Weighing	26
Load bars and weighing electronic indicators	27 to 31
Mechanical and electronic weighing platforms	32 to 34
Weighing scales for small livestock	35 to 37
Cattle weighing crushes	38 to 42
Industrial scales	43 to 47
Weighing options	48

NOTES	49
NEW PLANT	50 to 51
COMMUNICATION	52
INDEX	53



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!**





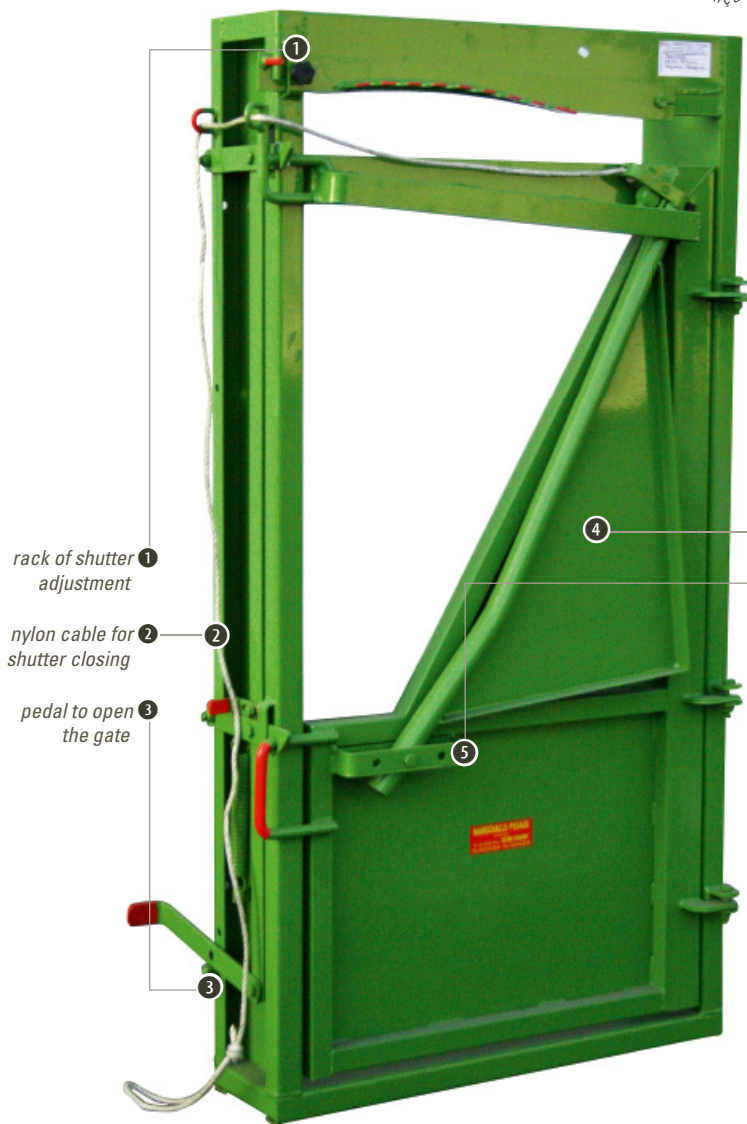
# CORNADIS HEADGATE PM 80



## Internal dimensions

width 0.82 m  
height 1.70 m  
depth 0.30 m

Gross weight: 100 kg



1 rack of shutter adjustment

2 nylon cable for shutter closing

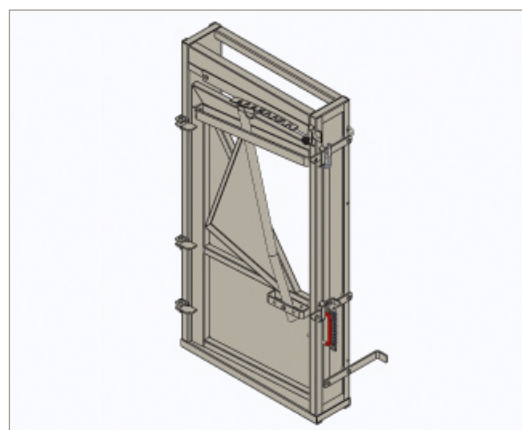
3 pedal to open the gate

4 shutter

5 3 positions of shutter adjustment

## 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**

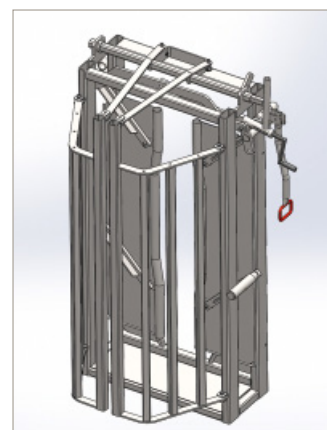
safety basket ③

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



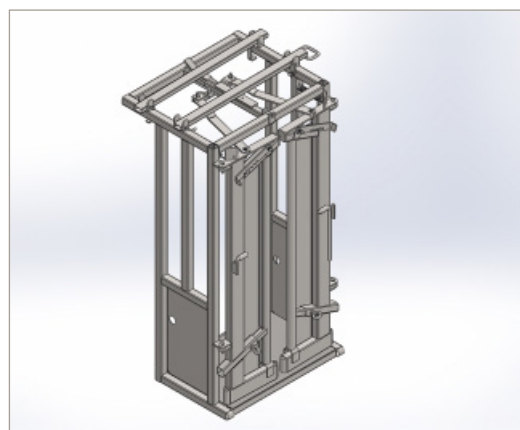
## TECHNICAL FEATURES

- 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**

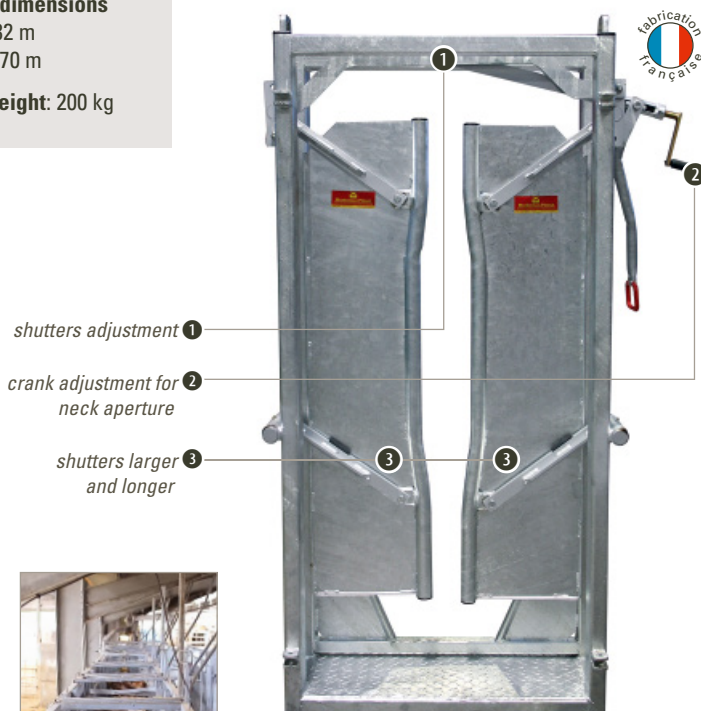
# FRONT OR INTERMEDIARY GATE PM 97



## Internal dimensions

width 0.82 m  
height 1.70 m

**Gross weight:** 200 kg



## 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

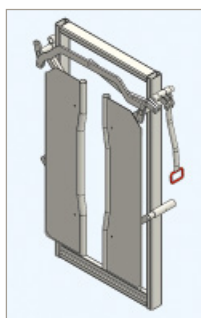
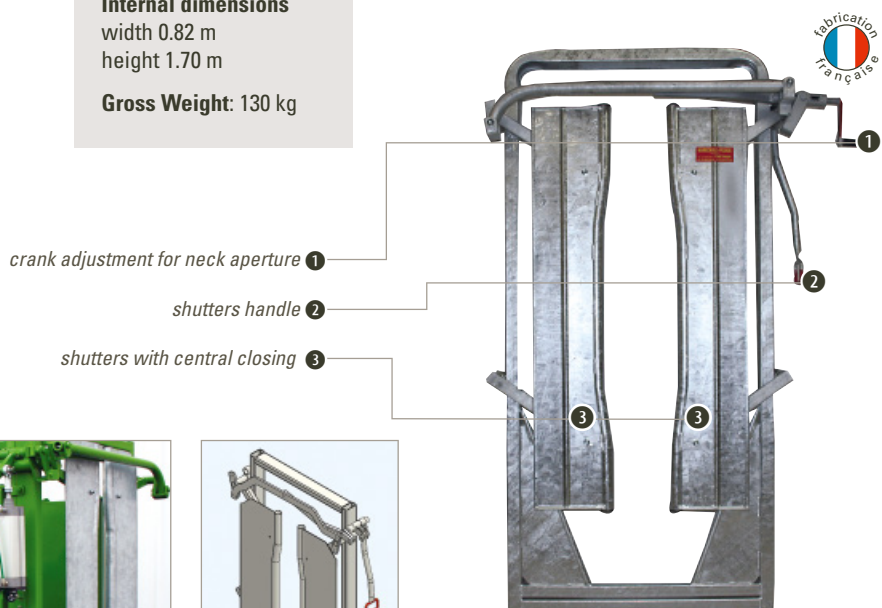
# BACK DOOR PM 87



## Internal dimensions

width 0.82 m  
height 1.70 m

**Gross Weight:** 130 kg



## 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

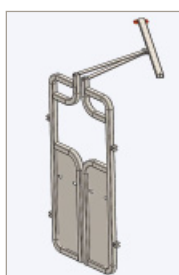
- Allows to do an insemination without opening the door and thus safely.
- To be installed on a handling crush or mobile corridor.
- Or in replacement of the double-leaf back door PM 88.
- Product available in paint or galvanized.

### OPTIONS

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

Insemination back door in replacement of the door PM 88

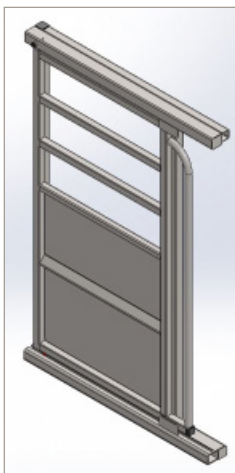
Brackets for fixing fences



## 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

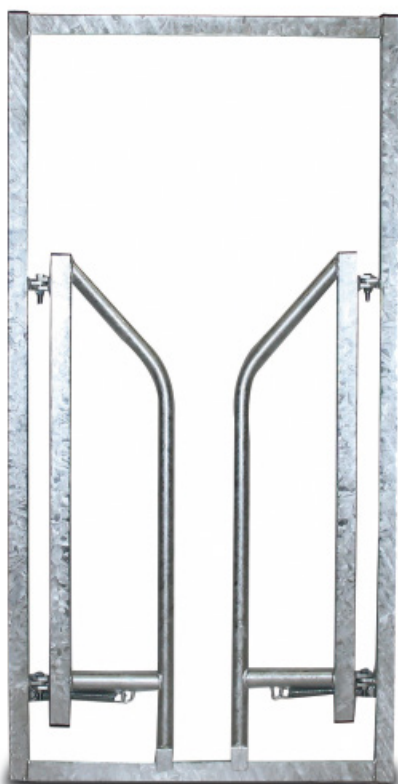
Sliding door PM 81 in replacement of the back door PM 88

## 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

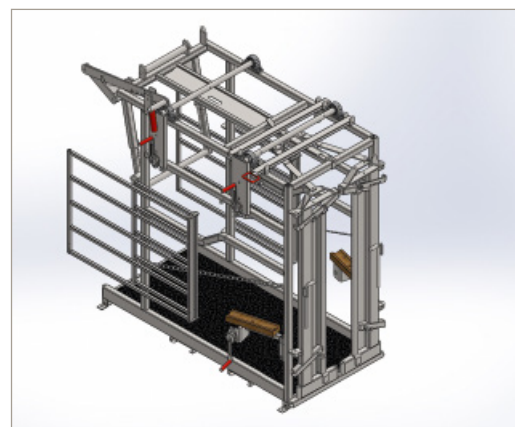
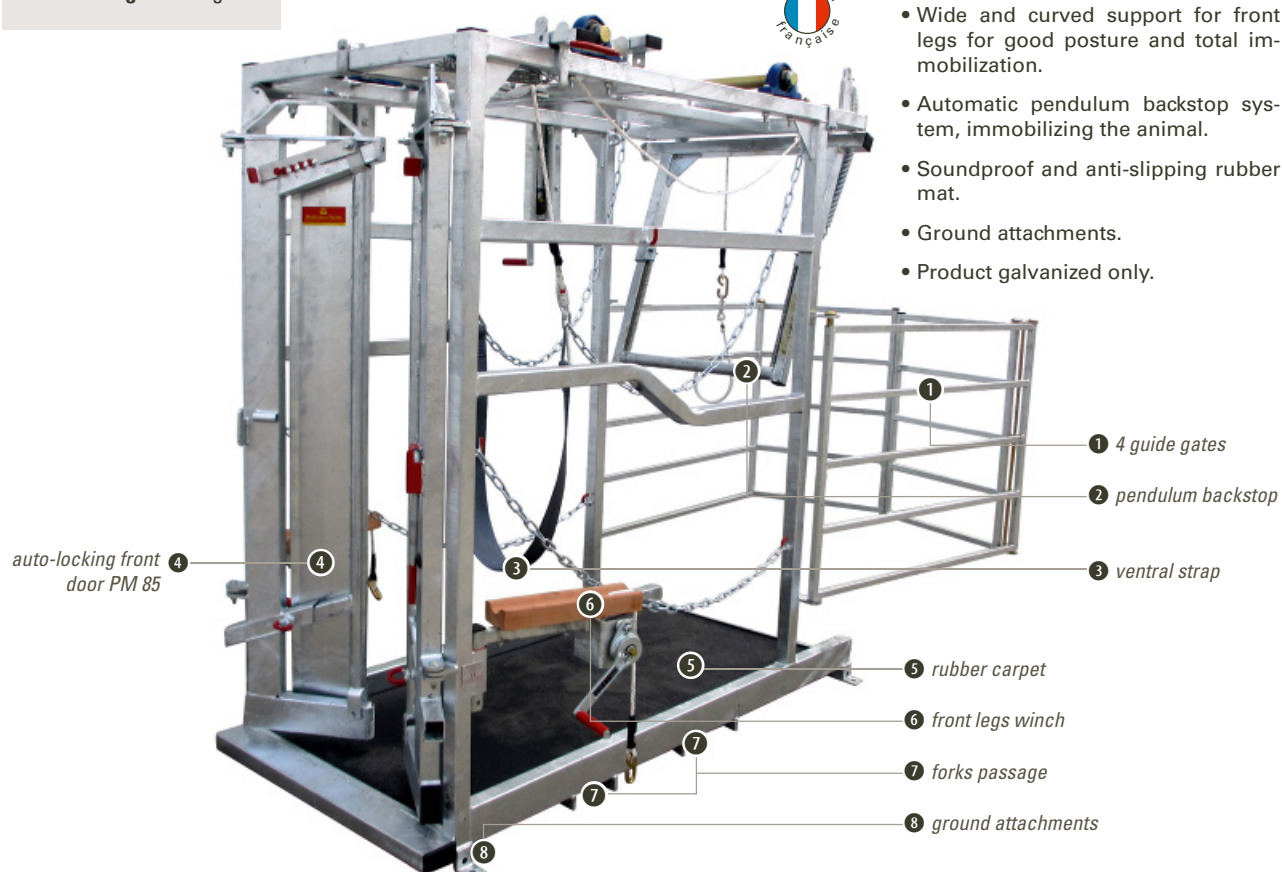
Gross weight: 350 kg

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.



## 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



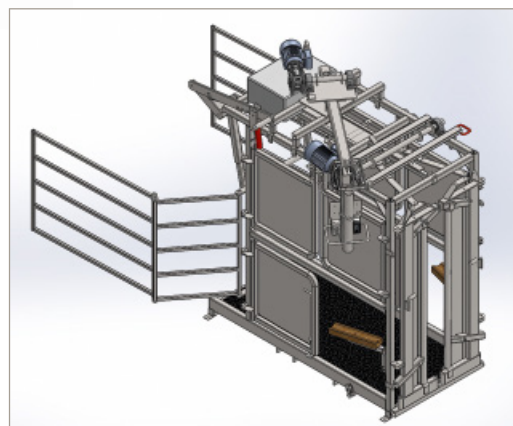
## CONFORT ANIMAL

- 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

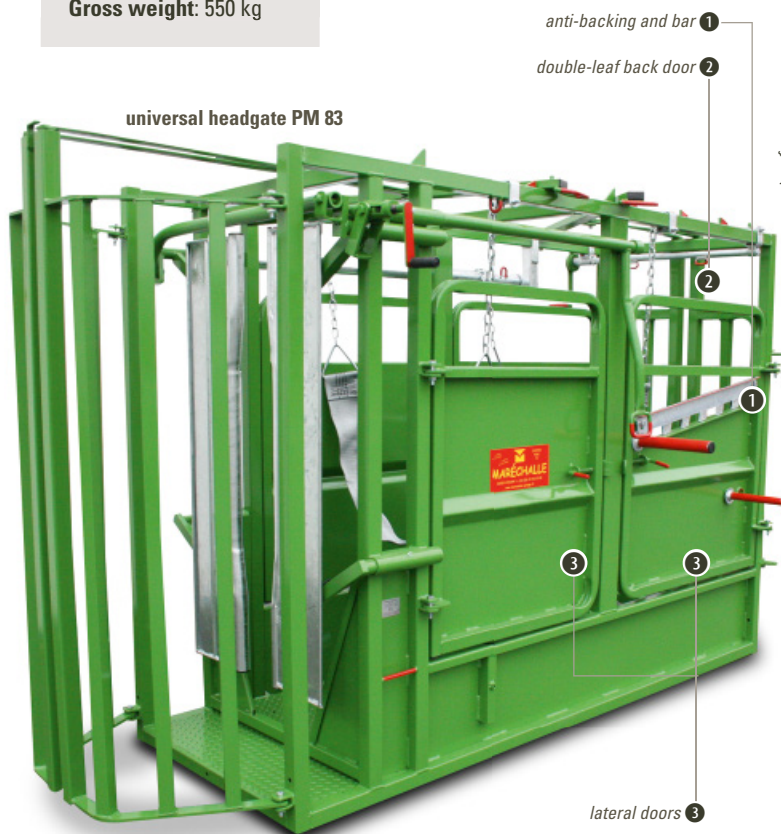
> > > handling - hoof trimming - weighing



## 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

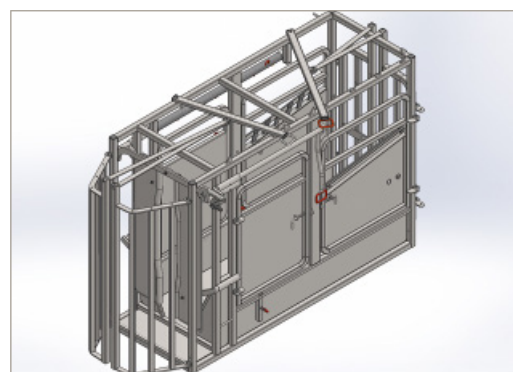


## ANIMAL COMFORT

- 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)

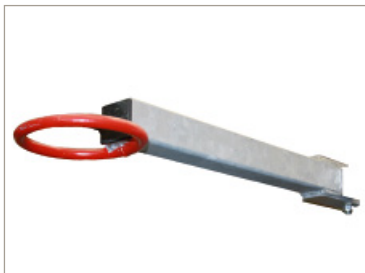
Pneumatic pendulum backstop



pneumatic scoop head up



manual scoop head up



muzzle boom lift

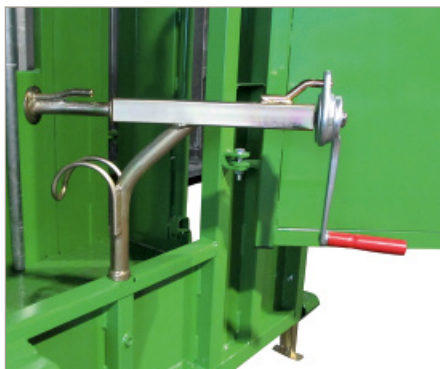


pneumatic pendulum backstop

### >>> 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



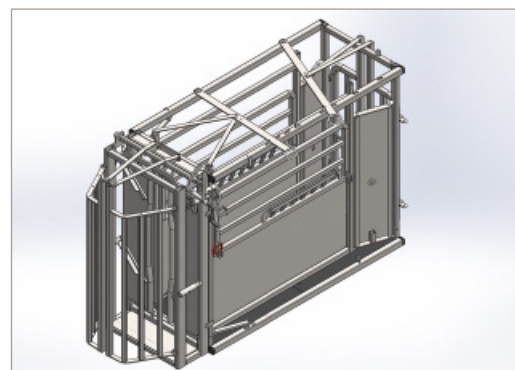
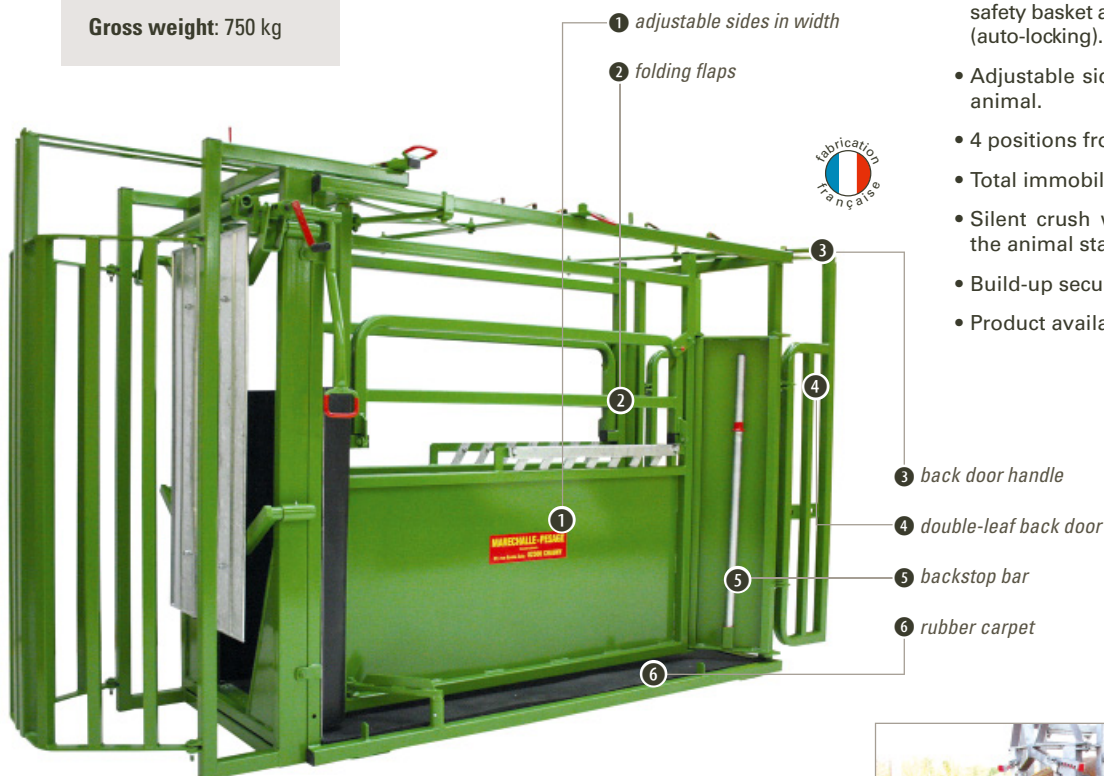
## Internal dimensions

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

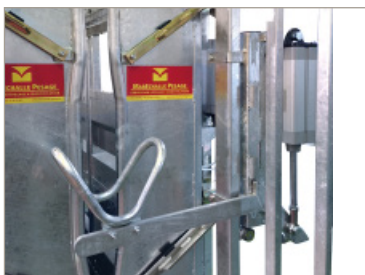
Muzzle boom lift

Manual or pneumatic scoop head up

Lift ring for transport

Pneumatic model (see page 23)

Pneumatic pendulum backstop



*pneumatic scoop head up*



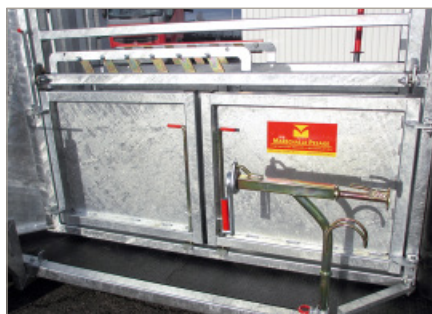
*manual scoop head up*



*muzzle boom lift*



*pneumatic pendulum backstop*



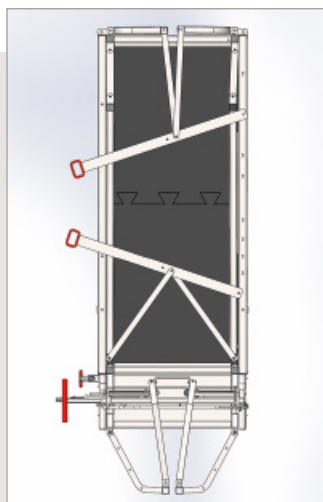
*bottom side doors*



*lateral big doors*



*winch to lift front legs*



*reverse model*

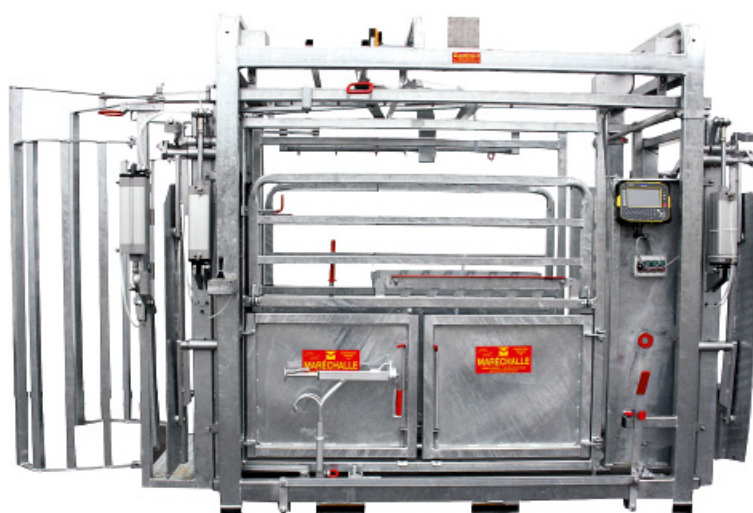


*electric SUPER model*



*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

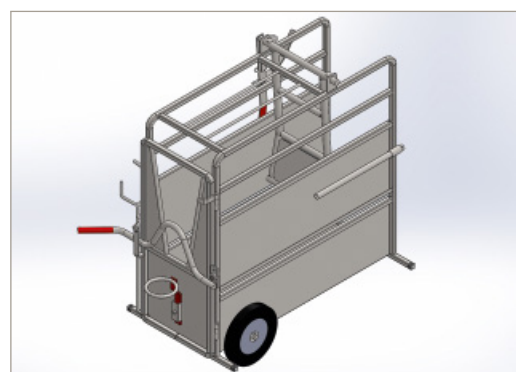
length 1.10 m  
width 0.40 m  
height 1.08 m

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.



## PORTABLE HANDLING ALLEY PM 3000

**Internal dimensions**

length 6.50 m  
width 0.82 m  
height 1.70 m

**Gross weight:** 950 kg



1 lateral rear door

2 sliding tubes to transport panels

3 folding flaps to access the top of the animal

4 front door access hatch

5 handle for back door

6 handle for width reducer

7 safety basket's handle

8 safety basket

9 shutters

10 treadplate floor

11 lateral front door

12 fixed medicine box

13 anti-backing and bar

14 opening lever for shutters

15 central lateral door

16 crank adjustment for neck aperture



17 width reducer from 0,80 m to 0,40 m

**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**

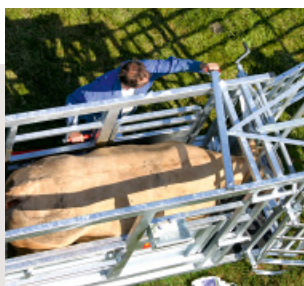
Reverse model: handles on the left from a front view

SUPER model: hoof trimming equipment

Manual or Pneumatic scoop head up

Rubber mat

Muzzle boom lift

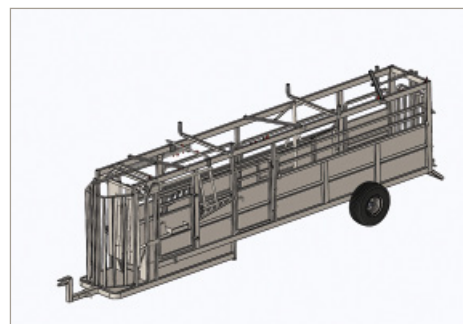


### ANIMAL COMFORT

- 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 2.40 m

height 1.57 m

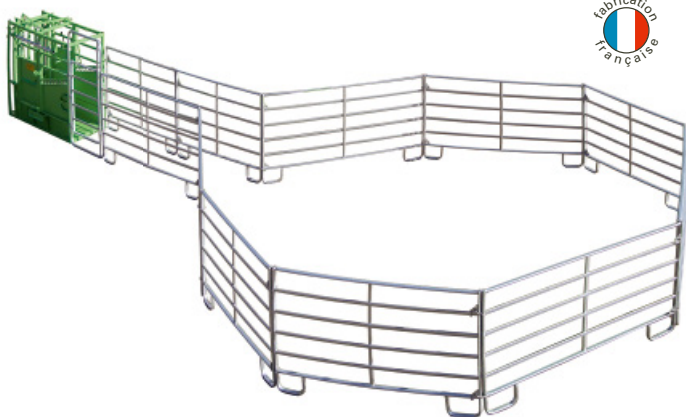
Gross weight: 30 kg

#### OR

length 3.00 m

height 1.57 m

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.





# 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!**





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

## EID HANDHELD READER



**Dimension**  
height 22 cm

**Weight:** 300 g

**NEW**



## 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.

## EID STICK READER

**Dimension**  
length 65 cm

**Weight:** 706 g



## TECHNICAL FEATURES

- Reads all ISO HDX and ISO FDX-B tags.
- Stores up to 20,000 scanned tag memory.
- Wireless connection: Bluetooth Class 1 wireless technology to connect to weigh scale or other devices up to 100m away.
- Long life and fast charging battery: up to 19 hours of push to read, 9.5 hours of continuous read. Only 3 hours to recharge using the supplied mains power adaptor.
- Comes with Data Link PC software for downloading recorded information and configuring the reader.
- Data Link app for Android smartphones. Email session files back to the office.
- Superior read performance: up to 1,100 reads per minute.
- Read distance: HDX up to 330 mm, FDX up to 350 mm.
- Range of data capture: capture data such as health treatments or condition scores.
- Customisable: set alerts for pre-chosen animals. Options to display a visual ID for scanned animals and to discard duplicate ID's.
- Clear feedback with daylight viewable display, bright status lights and vibrating handle.
- Comfortable to use for long periods with a lightweight balanced design.
- Rugged design, proven for the tough agricultural environment with a IP67 water-proof design.





# 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!



## LOAD BARS TRU TEST



## 3 REFERENCES

MP1010, 1010 mm - Weight: 25 kg

MP800, 800 mm - Weight: 20 kg

MP600, 600 mm - Weight: 16 kg



MP600



MP800



MP1010

## TECHNICAL FEATURES

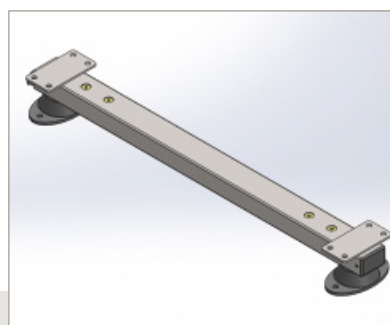
- Versatile, can be used in a temporarily or permanent site, easily transported between different weighing sites.
- Compatible with any weigh scale in the Tru-Test range without calibration.
- Zinc plated, gold passivated load bar housing for additional corrosion resistance.
- Insensitive to violent movements of animals.
- Reinforced 5 m cables.
- Sealed load cell. Protects the load cell against moisture damage allowing the load bars to remain outside.
- Water and dust resistant.
- Each bar has 2 load cells.
- Easy to set up. Simply requires a firm level surface and a rigid crate or platform.

## OPTIONS

Verification report, without legal metrology

Mounting brackets and crutches

MP1010



## 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 600



## TECHNICAL FEATURES



- Alphanumeric keypad.
- Records information against EID and ID tags. VID numbers can be automatically cross referenced with their EID match, saving you time and reducing data entry.
- EID reader connectivity: connect via cable.
- Direct and easy communication with your Windows computer via a USB cable and Tru-Test Data Link software.
- Summary statistics from the current and previous weigh sessions can be recalled right there in the yard.
- Speeds up weight drafting by displaying direction for up to 3 weight ranges.
- Stores up to 50 weighing sessions and 10,000 records.
- IP67 protection, 100% water and dust proof.
- 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.
- 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 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

## INDICATORS SERIES 3000



## TECHNICAL FEATURES



- IP67 protection, 100% water and dust proof.
- Large back-lit display: easy to read large display, backlight automatically turns on or off as light level changes.
- Rugged, designed and built to withstand the harshest environment and the most punishing use.
- 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 9 hours of run time, 8 hours charging time.
- Supplied mains power adaptor.
- Fully EID compatible, ready to run with all panel or handheld EIR readers.
- Statistics: basic stats on files available, count, average, min, max total, standard deviation.
- Alphanumeric keypad.
- Calculates and displays an animal's daily weight gain since the previous session.
- Computer interface: using cable connection to any PC makes downloading and uploading files easy to do (RS232 serial communications).

## OPTIONS

Verification report, without legal metrology

Printer

## ID 3000



- Up to 3-way drafting.
- Stores up to 50 weighing sessions and 10,000 records.

## WOW XR 3000



## NO STOPPAGES!

- All features of XR 3000 with Walk Over Weighing technology. Animals simply walk across the platform or crush at their normal pace and their weights will be captured.
- Stores up to 50,000 records in 200 files.
- Up to 10-way drafting.
- Eight 25-character life data fields with cross reference for recording dual ID numbers and animal characteristics such as breed, sex, sire and dam.
- On-screen graphical view of animal performance with histogram and line graph.

## INDICATOR ID 5000



NEW



## TECHNICAL FEATURES



- Bluetooth wireless interface up to 100 m.
- Wifi wireless interface for connection from Apple or Android mobile devices.
- Connections USB and RS232.
- Stores up to 250,000 records in 250 weighing sessions and records up to 3 IDs and 3 pieces of information (breed, sex or other trait) for each animal.
- Track performance through calculating and visualising an animal's weight gain.
- Up to 5-way drafting by weight, weight gain and single criteria.
- Color display with unique transreflective screen technology gives screen clarity in even the brightest sunlight.
- 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).
- Water, dust and shock proof IP67 case.
- Long life battery: 10 hrs with backlight on and 13 hrs with backlight off (in daylight), 5 hours charging time.
- Link wirelessly or by cables to other devices eg Electronic ID readers, auto drafters, barcode scanners and more.

## OPTIONS

Verification report, without legal metrology

Printer

## INDICATOR XR 5000



NEW



## TECHNICAL FEATURES



- Bluetooth wireless interface up to 100 m.
- Wifi wireless interface for connection from Apple or Android mobile devices.
- Connections USB and RS232.
- Capture a wide range of animal information needed to help make the most of well informed, profitable decisions at the weigh site. Optimise breeding programmes, quickly identify poor performers and catch animal health issues early.
- Stores up to 1 million records in 1,000 weighing sessions and records up to 100 pieces of information for each animal.
- Range of features to calculate and visualise performance of individual animals or groups.
- Up to 10-way drafting by any criteria.
- Color display with unique transreflective screen technology gives screen clarity in even the brightest sunlight.
- 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).
- Water, dust and shock proof IP67 case.
- Long life battery: 10 hrs with backlight on and 13 hrs with backlight off (in daylight), 5 hours charging time.
- Calculate target weights.
- Track, apply and manage treatments e.g. type, dosage, withholding periods, set alarms.
- Link wirelessly or by cables to other devices eg Electronic ID readers, auto drafters, barcode scanners and more.

## 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.

## FUNCTIONS

- Zeroing.
- Automatic tare.
- Printing and/or data transmission.

## OPTION

Legal Metrology

## 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.
- 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.

## OPTION

Legal Metrology

## INDICATOR I 45



## TECHNICAL FEATURES



- With integrated printer.

## OPTION

Legal Metrology

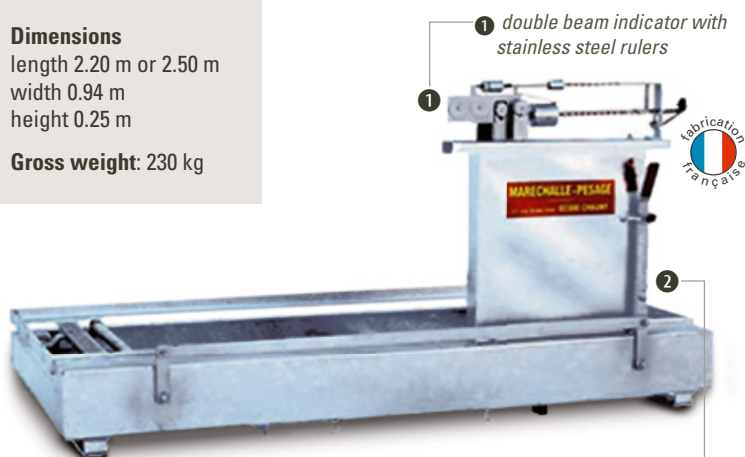


## MECHANICAL WEIGHING FRAME PM 40

**Dimensions**

length 2.20 m or 2.50 m  
width 0.94 m  
height 0.25 m

**Gross weight:** 230 kg



locking lever releasing  
knives for travel

**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 for weighing capacity of 2,000 kg / 1 kg

Legal metrology

Three-point forks PM 30

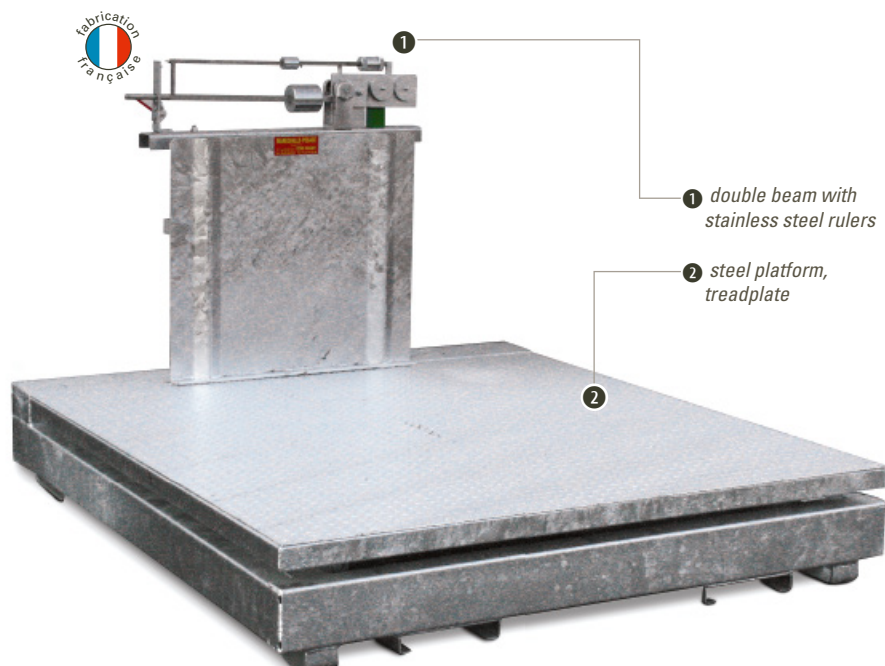
Verification report, without legal metrology

## MECHANICAL PLATFORM PM 41

**Dimensions**

1.00 m x 1.00 m  
1.50 m x 1.50 m  
2.20 m x 1.00 m  
2.20 m x 1.20 m  
2.50 m x 1.00 m  
2.50 m x 1.50 m

Deck height above  
ground: 0.25 m  
Total height: 1.10 m

**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 surface.

**OPTIONS**

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

Legal metrology

Knives blocking

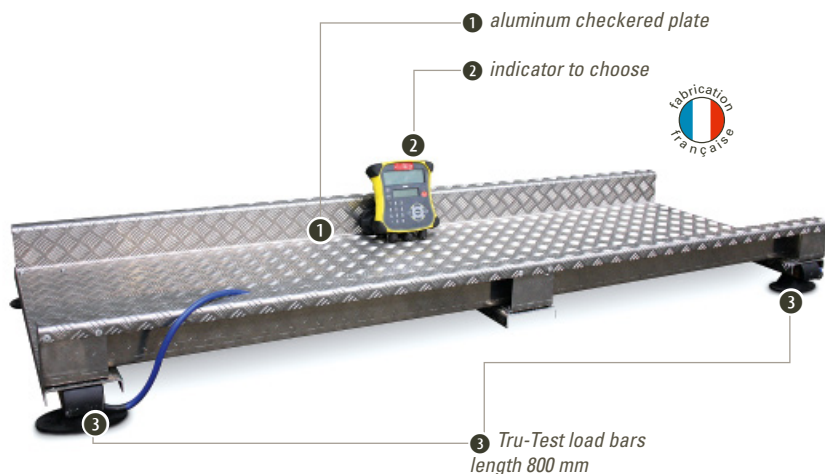
**WEIGHING CAPACITY**

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

## WEIGHING PLATFORM PM 42

**Dimensions**  
length 2.20 m  
width 0.80 m

**Gross weight:** 55 kg



## TECHNICAL FEATURES

- Aluminium platform with load bars MP 800.
- Indicator to choose from the TruTest range.
- 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.

## OPTION

Printer for indicators of series 3000 and 5000

## WEIGHING CAPACITY

- 2,000 kg / 1 kg

## WEIGHING PLATFORM PM 43

**Dimensions**  
length 2.45 m  
width 0.80 m

**Gross weight:** 140 kg



## TECHNICAL FEATURES

- Multifunction electronic weighing platform.
- For various types of weighing: cattle, big bags, pallets etc.
- Galvanized weighing platform with 4 sensors and rotating feet.
- Electronic weighing indicator I 30, I 40 or 45, or from the TruTest range.
- Non-slip and sound absorbing rubber mat.
- Can be installed in a handling alley.

## OPTIONS

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

Printer for indicators of series 3000 and 5000

## WEIGHING CAPACITY

- 2,000 kg / 1 kg

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## WEIGHING PLATFORM PM 44



## Available 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

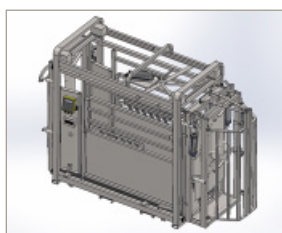
- 2,000 kg / 1 kg

## SUSPENDED ELECTRONIC WEIGHING FRAME PM 45

## Dimensions

length 2.30 m  
width 1.30 m  
height 2.35 m

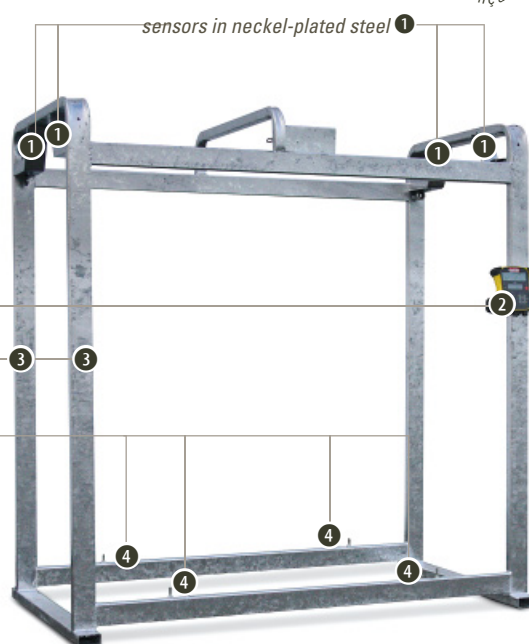
Gross weight: 180 kg



indicator to choose ②

reinforced frame  
tube 100x50x3 ③

stabilizers ④



## 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

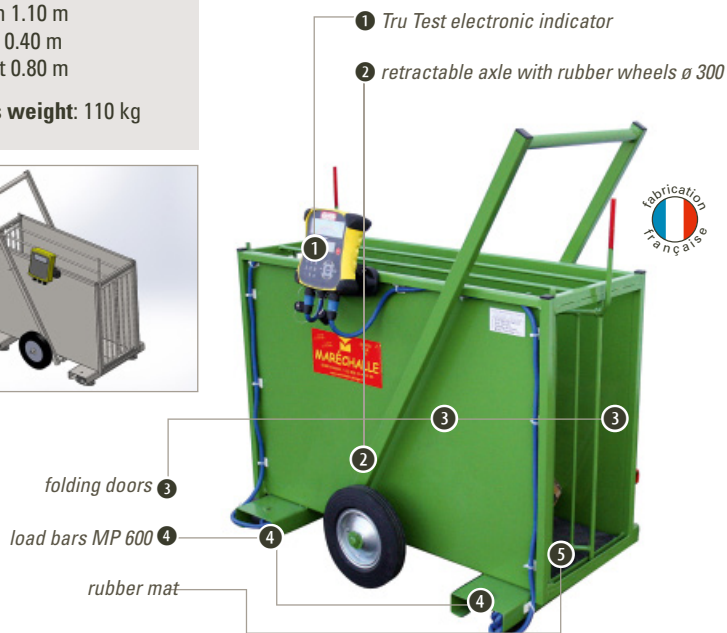


## WEIGHING CRATE PM 120

**Internal dimensions**

length 1.10 m  
width 0.40 m  
height 0.80 m

**Gross weight:** 110 kg

**TECHNICAL FEATURES**

- Weighing crate especially designed for small animals.
- Easily movable in the farm through the axle.
- Access on the back of the animal.
- Folding front and rear doors. Opening and closing fast and easy.
- Product available in paint or galvanized.

**ANIMAL CONFORT**

- Quietly and with opaque sides, you keep your animals calmer.
- No risk of slipping with rubber mat.

**WEIGHING CAPACITY**

- 300 kg / 100 g

## WEIGHING CRATE PM 200

**Internal dimensions**

length 1.50 m  
width 0.50 m  
height 1.10 m

**Gross weight:** 150 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.
- Longevity of the weighing system.
- Access to the back 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.
- Doors' opening and closing fast and easy.
- Hinged front and rear doors, with interchangeable direction.
- Product galvanized only.

**ANIMAL CONFORT**

- Quietly, your animals are calmer.
- No risk of slipping with rubber mat.

**WEIGHING CAPACITY**

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

# WEIGHING CRATE PM 300



## Internal dimensions

length 1.50 m  
width 0.50 m  
height 1.10 m

Gross weight: 150 kg



## TECHNICAL FEATURES

- Mechanical weighing crate with double beam and suspended weighing mechanism.
- or electronic weighing crush with load bars MP 600 and Tru Test indicator.
- Access to the back 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.
- Doors' opening and closing fast and easy.
- Hinged front and rear doors, with interchangeable direction.
- Product galvanized only.

## ANIMAL COMFORT

- Quietly, your animals are calmer.
- No risk of slipping with 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

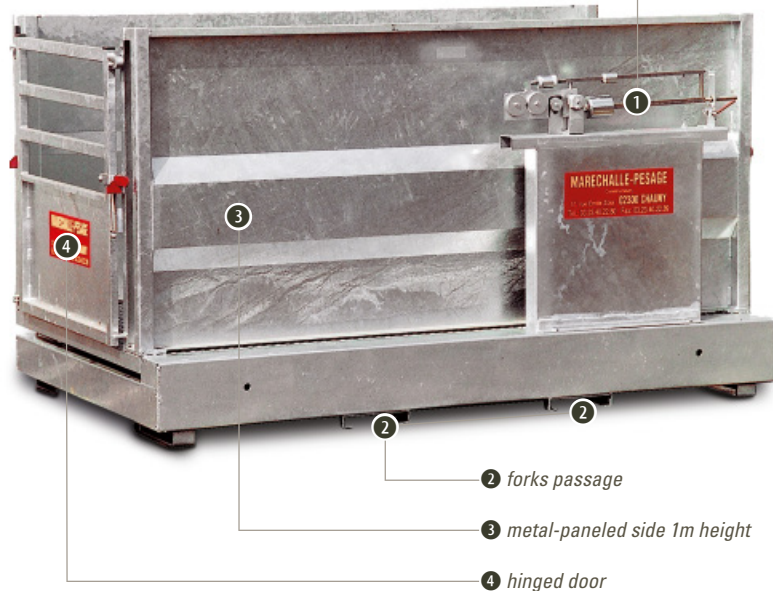


## Available dimensions (length x width)

220 x 100 cm	300 x 200 cm
220 x 120 cm	(only for the electronic crate)
250 x 150 cm	
300 x 150 cm	Height: 1 m



## mechanical weighing frame with double beam



## TECHNICAL FEATURES

- Crate designed to weigh a batch of animals.
- Mechanical weighing with angle frame PM 40.
- or electronic weighing with load bars MP 1010 and electronic indicator Tru Test.
- Doors' opening and closing fast and easy.
- Hinged front and rear doors, with interchangeable direction.
- Product galvanized only.

## WEIGHING CAPACITY

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

## OPTIONS FOR MECHANICAL WEIGHING

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

Legal metrology

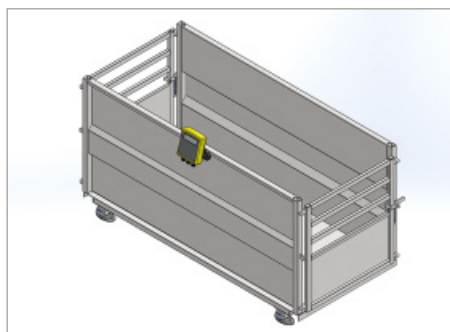
PM 30 three-point forks

Knives blocking

Rubber mat

## OPTION FOR ELECTRONIC WEIGHING

Rubber mat





# AUTO-WEIGHING CRUSH PM 6000 LIBERTY



## Internal dimensions

length 3.00 m  
width 0.82 m  
height 1.90 m

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 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 fork passage and 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

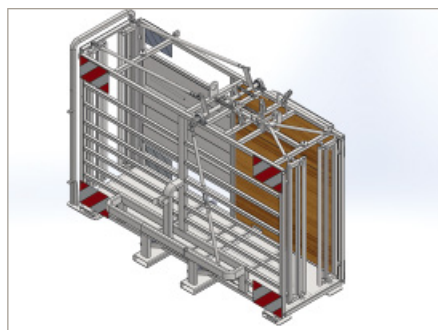
- The purpose of this weighing crush is to have a very precise control of the weight of your herd.
- No intervention or human presence, so the animal is never stressed.
- Takes away the burden of weighing.

## OPTIONS

Solar Panel

Three-parts gate with 1 including 2 backstop doors

Verification report, without legal metrology



## WEIGHING CRUSH PM 61

**Internal dimensions**

length 2.40 m  
width 0.82 m  
height 1.70 m

**Gross weight:** 500 kg

- ① double-leaf doors PM 88
- ② metal-paneled side 1m height
- ③ electronic indicator Tru Test with load bars MP 1010



double-leaf doors PM 88 ①

metal-paneled sides ②

**TECHNICAL FEATURES**

- Mechanical weighing with angle frame PM 40.
- or electronic weighing with load bars MP 1010 and electronic indicator Tru Test.
- Double-leaf front and back doors PM 88.
- Easy to move in the farm by three-points linkage.
- Checker plate floor.
- Is also suitable for horses with removable raisers.
- Product available in paint or galvanized.

**OPTIONS FOR MECHANICAL WEIGHING**

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

Legal metrology

PM 30 three-points forks

Knives blocking system

Rubber mat

Verification report, without legal metrology

Width reducer

**OPTIONS FOR ELECTRONIC WEIGHING**

Rubber mat

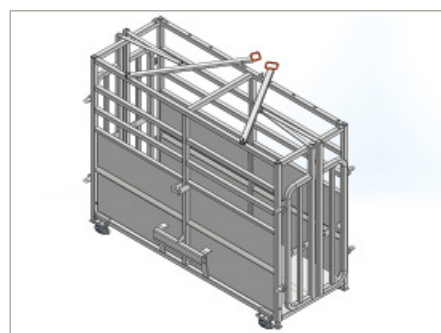
Verification report, without legal metrology

Width reducer

**OPTIONS FOR HORSES**

Rubber mat

Removable raisers 1.70 m to 2.20 m and ordinary doors



③ knives blocking system

④ mechanical weighing angle-frame and double beam

⑤ forks passage



# HYBRID WEIGHING CRUSH PM 1600

> > > with possibility of handling



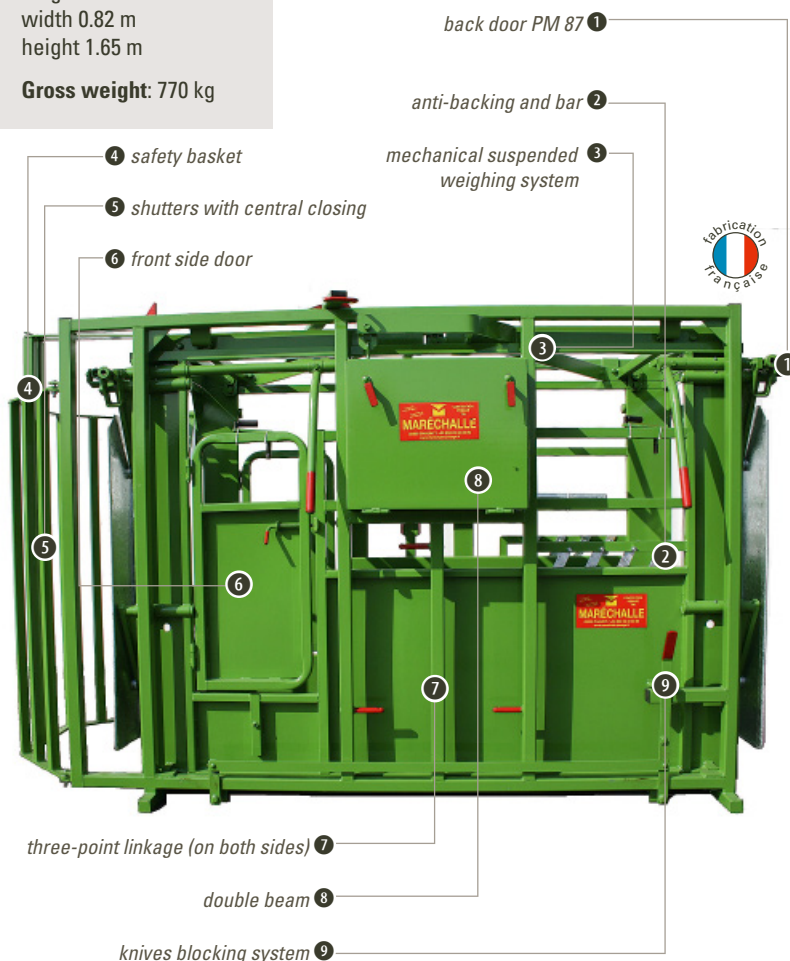
## Internal dimensions

length 2.40 m

width 0.82 m

height 1.65 m

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 choice mounted inside a box.
- Longevity of the weighing system against shocks and dirt.
- 2 three-points linkages, 1 enhanced for moving on the road.
- Blocking weighing system for travels.
- 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)

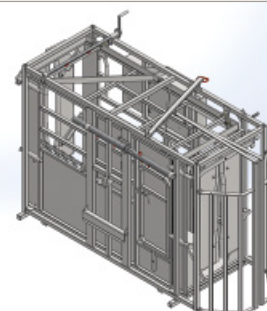
Manual or pneumatic scoop head up

Medicine box

Rubber mat

Width reducer

Muzzle boom lift





# HYBRID WEIGHING CRUSH PM 1200

>>> for intensive traffic



## Internal dimensions

classic model

length 2.40 m

width 0.82 m

height 1.65 m

**Gross weight: 770 kg**

reinforced model

length 2.70 m

width 1.02 m

height 1.80 m

**Gross weight: 950 kg**



knives blocking system ③

measurement chain: 1 sensor  
and 1 electronic indicator ④

double beam ⑤

back door with central  
closing PM 87 ⑥

## TECHNICAL FEATURES

- Weighing mechanism suspended by flanges neutralizing the effect of shocks.
- Knives and pads in special steel, cadmium plated, 4 bits.
- Electronic indicator choice mounted inside a box.
- Longevity of the weighing system against shocks and dirt.
- Blocking weighing system for travels.
- 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 POUR PESAGE MÉCANIQUE

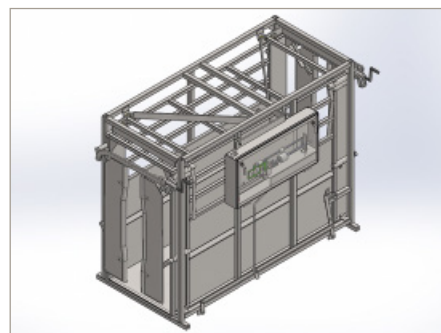
Mechanical weighing system with double beam

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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[www.marechalle-pesage.com](http://www.marechalle-pesage.com)

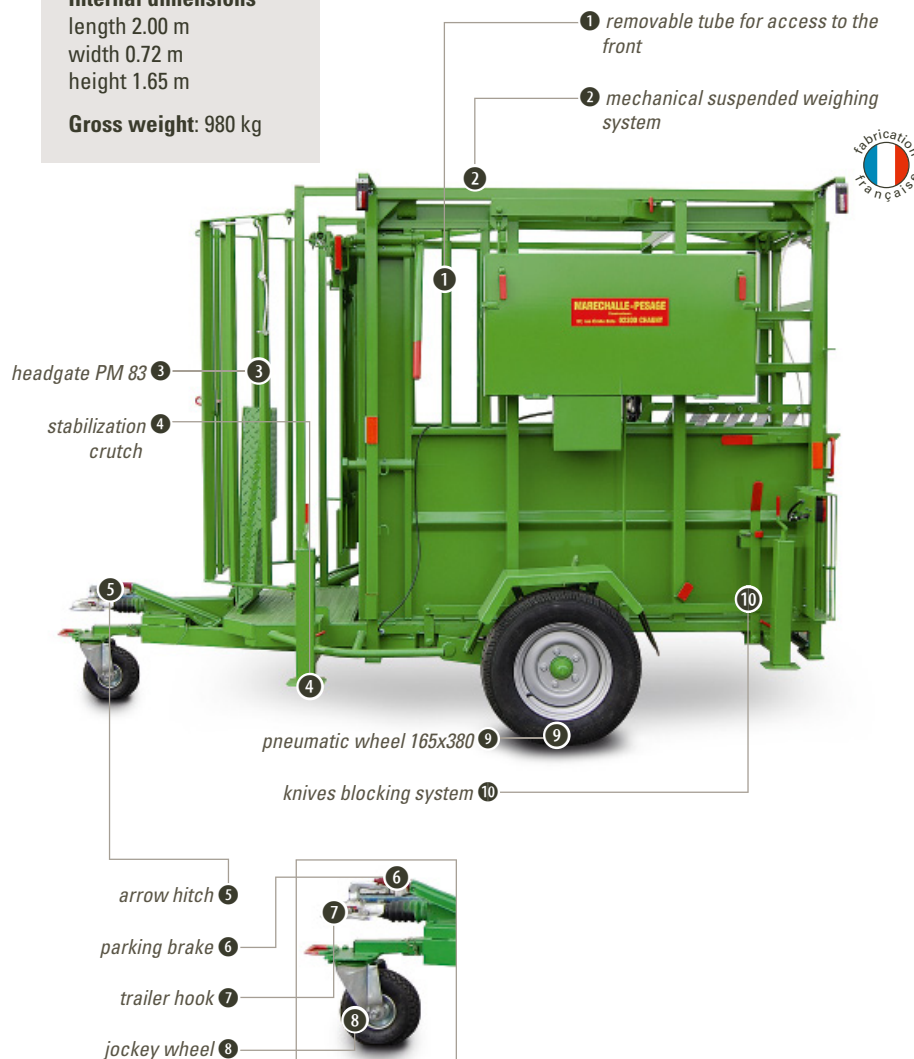
WEIGHING

## TRACTABLE WEIGHING CRUSH PM 1010 T

**Internal dimensions**

length 2.00 m  
width 0.72 m  
height 1.65 m

**Gross weight:** 980 kg

**TECHNICAL FEATURES**

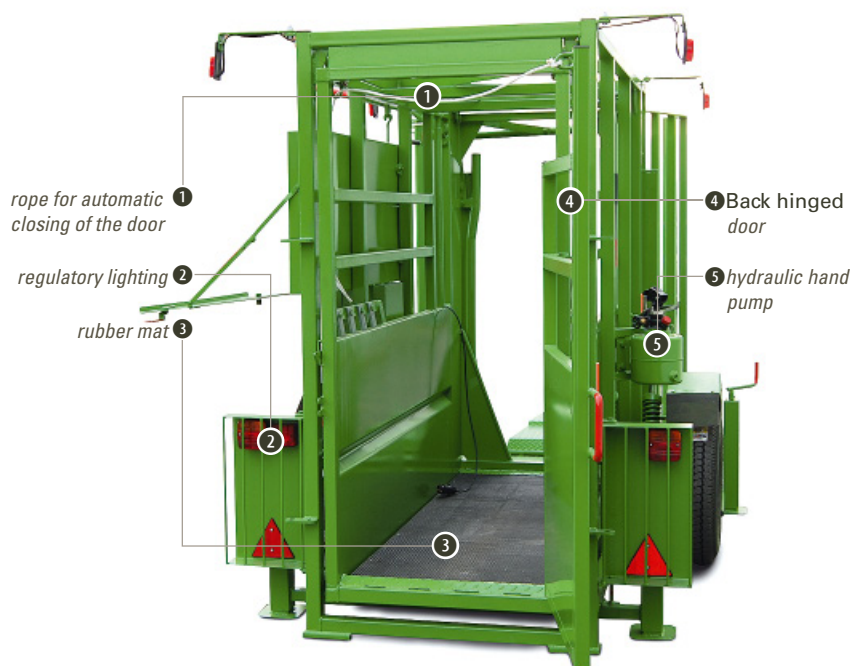
- Weighing mechanism suspended by flanges neutralizing the effect of shocks.
- Knives and pads in special steel, cadmium plated, 4 bits.
- Electronic indicator choice mounted inside a box.
- Longevity of the weighing system against shocks and dirt.
- Blocking weighing system for travels.
- Headgate with safety basket type PM 83.
- Back hinged door.
- Automatic closing of the back door through the spring and rope.
- Rubber mat standard.
- Product available in paint or galvanized.

**ROAD EQUIPMENT**

- Retractable axle lift by hydraulic cylinder.
- Braking by inertia.
- Traction arrow hitch with safety clips.
- 4 stabilization propstands.
- Parking brake.

**WEIGHING CAPACITY**

- 1,500 kg / 1 kg

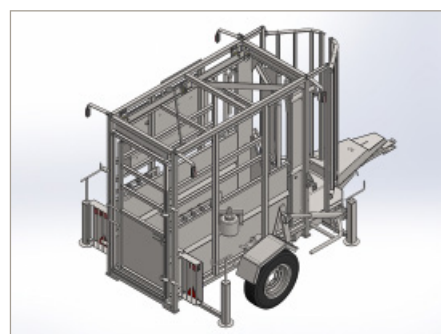
**OPTIONS**

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)



## MECHANICAL HANGING SCALE PM 20



### TECHNICAL FEATURES

- High strength alloy body.
- Ring suspended at each end.
- Plastic dial protection.
- Zero adjustment knob.

### BENEFITS

- Made of corrosion resistant material for the harshest environments.
- Very good accuracy and high reliability over a wide range of weighing capacities.

### WEIGHING CAPACITY

- 5 kg / 20 g
- 10 kg / 50 g
- 25 kg / 100 g
- 50 kg / 200 g
- 100 kg / 500 g
- 200 kg / 1 kg
- 250 kg / 1 kg

## ELECTRONIC HANGING SCALE PM 21



### TECHNICAL FEATURES

- ON/OFF functions, Tare, Automatic weight fixation, thermometer.
- Battery level indicator.
- Auto Standby.
- Carter foldable ABS-hook stainless steel.

- LCD screen, 4 digits 14 mm.
- 4 keys.
- Supply three AAA type batteries (included).

### WEIGHING CAPACITY

- 5 kg / 5 g
- 10 kg / 10 g

## PORTABLE CRANE SCALE PM 22



### TECHNICAL FEATURES

- Backlit LCD display with 5 digits 18mm high.
- Precision: +/- 0.15% F.S.
- Mechanical waterproof simplified keypad with 3 keys.
- Aluminium case, 140 x 80 x 47 mm size, 420 g weight.
- 250 hours operating time; auto-switch-off function when not used for a long time.
- Power supply: 3 fitted extractable batteries of the 1,5 V AA type.
- Packaging: 100 x 110 x 170 mm size - approximate weight of 730 g.

### FUNCTIONS

- Zeroing.
- Semi-automatic tare.
- HOLD (freezing the weight on the display).
- Unit of measure conversion: kg, lb, N (Newton).
- Digital calibration.
- Backlight command.
- Auto switch-off.
- Low battery warning.

### WEIGHING CAPACITY

- 15 kg / 5 g
- 30 kg / 10 g
- 60 kg / 20 g
- 150 kg / 50 g
- 300 kg / 100 g



## SUSPENDED CRANE SCALE PM 23



### TECHNICAL FEATURES

- 25 mm LCD backlit display, easily visible in any lighting condition.
- 2 galvanized hooks.
- Precision:  $\pm 0.03\%$  on MAX.
- 5-key waterproof keypad: Zero, semi automatic or preset Tare, Mode, Print, On/Off.
- Sturdy case in oven-fire painted steel.
- Radio frequency module (868MHz) for connection to a PC or to a weight indicator/repeater.
- Fitted with infrared remote control for up to 8m distance use. The remote control can be configured by the customer as a single automatic tare or as a remote keypad.
- Power supply through 4 AA batteries, which may be re-

chargeable (operating time of about 40 hours).

- Digital calibration and programmable Set-Up directly from the keypad.
- Operating temperature:  $-10$  /  $+40$  °C.
- Fitted with protective transport case with dimensions 175 x 480 x 390 mm (WxLxH).

### FUNCTIONS



- Weights accumulation.
- $\pm$  check.
- Weigh percentile.
- Input/Output.
- Hold, for freezing the weight on the display.
- Peak, for identifying the weight peaks.
- x 10 high resolution visualisation.
- Net/Gross or lb/kg conversion.

### WEIGHING CAPACITY

- 1,500 kg / 500 g
- 6,000 kg / 2 kg
- 9,500 kg / 5 kg

## MULTIFUNCTION COUNTING SCALE BPS 11

Platform dimensions  
218 x 267 mm



### TECHNICAL FEATURES

- Green backlit LCD display with 6 digits 28 mm high.
- Mechanical waterproof keypad with 8 keys and acoustic feedback.
- Stainless steel plate.
- Level and adjustable feet.
- Built-in rechargeable battery 4Vdc (about 100h battery life) and 230Vac power adapter.
- Packaging: 310 x 130 x 370 mm size - approximate weight of 3,7 kg.

### FUNCTIONS

- Counting.
- % weight.
- Weight check, with 2 thresholds and acoustic alarm.
- lb/kg conversion.
- Weighing filter selection.
- Zeroing.
- Zero tracking.
- Semi-automatic tare.
- Digital calibration.
- Backlight command.
- Low battery warning.

### WEIGHING CAPACITY

- 30 kg / 1 g

## BENCH SCALE BPS 12

**Platform dimensions**  
365 x 235 mm



### TECHNICAL FEATURES

- Mobile weight indicator with adjustable inclination, ABS case and 1m connection cable. Backlit LCD display with 6 high contrast 25 mm digits and icons for showing the active functions. Functional waterproof 5-key keypad.
- Aluminium load cell functioning.
- Easy to clean stainless steel body, suitable for heavy use.
- Stainless steel 365 x 235 mm plate.
- Level, adjustable feet, and lateral carrying handles.
- Built-in rechargeable battery (about 80 hours battery life) and 230 Vac power adapter.

- Packaging: 510 x 400 x 300 mm size - approximate weight of 9,6 kg.

### FUNCTIONS

- Weight totalisation in loading or in unloading, manual or automatic.
- lb/kg conversion.
- Tare.
- Auto switch-off.
- Backlight control.
- Battery levels warning.
- Zeroing.

### WEIGHING CAPACITY

- 30 kg / 1 g in high resolution mode.

## FLOOR SCALE WITH COLUMN BC 31



### TECHNICAL FEATURES

- Weight indicator with ABS case, 25 mm backlit LCD display with 6 high contrast digits and icons for showing the active functions. 5-key functional waterproof keypad.
- Functioning with an aluminium load cell, 3000d approved with IP65 protection degree.
- Steel tubular structure, oven-fire painted blue, with adjustable resting feet and level.
- Stainless steel loading surface.
- Fitted with fixing bracket with adjustable inclination.
- Power supply: 4 AA batteries or 230 Vac power supplier.

### FUNCTIONS

- x 10 high resolution visualisation.
- Net/Gross or lb/kg conversion.
- Weights totalisation.
- +/- Check.
- Percentage weigh.
- Alibi, for approved weight transmission.
- Counting.

### WEIGHING CAPACITY AND DIMENSIONS

- 6 kg / 2 g  
300 x 300 x 130 mm
- 30 kg / 10 g  
400 x 400 x 140 mm
- 60 kg / 20 g  
600 x 600 x 150 mm
- 150 kg / 50 g  
600 x 600 x 150 mm
- 300 kg / 100 g  
800 x 800 x 165 mm
- 600 kg / 200 g  
800 x 800 x 165 mm

## PALLET WEIGHING SCALE PP 71



### TECHNICAL FEATURES

- ABS IP54 case, easy to clean and resistant in harsh and corrosive environments.
- Waterproof 5-key functional keypad.
- LCD 25 mm backlit display with 6 high contrast digits and icons for indication of active functions.
- Functions with 4 shear beam, IP67 protection degree, able to handle double the nominal load.
- Carbon steel oven-fire painted bearing structure, complete of adjustable feet.
- Level, wheels, and transport handle.
- Connection cable to the indicator, 3 m long.
- Accuracy:  $\pm 0.05\%$  of the capacity.
- Programmable automatic switch-off.
- Power supply from 5 to 12 Vdc.

### WEIGHING CAPACITY

- 1,500 kg / 500 g with indicator I 30

## PALLET TRUCK SCALE TP 81

Platform dimensions  
265 x 235 mm



### TECHNICAL FEATURES

- Maximum lifting capacity: 2,000 kg.
- Accuracy:  $\pm 0.2\%$  of the maximum capacity.
- Structure in extra thick steel and oven-fire painted mechanics.
- Steering wheels and double loading rollers with a polyurethane coating.
- 4 aluminium shear-beam load cells IP67.
- Weight indicator with 6 25mm digits on a backlit LCD display, which are clearly visible even in poor lighting conditions, and waterproof keyboard, with 5 functional keys.
- Power supply through 4 AA batteries, which may also be rechargeable.
- The operating time is of about 40 hours of continuous use, or one month with the typical non continuous use, thanks to its auto switch-off function.
- Programmable auto power saving function.
- Battery level indication.

### FUNCTIONS

- Zeroing, Tare.
- High Resolution Weighing x 10.
- Net/Gross or lb/kg conversion.
- Totalization.
- Formula weighing.
- $\pm$  checkweighing.
- Percentage weighing.
- Counting.

### WEIGHING CAPACITY

- 2,000 kg / 1 kg

## LIFT TRUCK FORKS FP 91



### TECHNICAL FEATURES

- Weight indicator with waterproof keyboard, 5 keys, and protective case in extra thick steel, mounted on a fork and connected to the other fork by means of a cable.
- LCD backlit display with 6 digits 25mm high, easily visible in any lighting condition.
- Steel bearing IP65 structure.
- Functions with 4 shear-beam IP68 load cells.
- Max. allowable overload: 200% of the nominal capacity.
- Max. horizontal inclination (flexibility):  $\pm 2^\circ$  with the same accuracy characteristics.
- Power supply through rechargeable battery, the operating time is of about 40 hours of continuous use.
- Fitted with battery charger.
- Auto switch-off function.

- Fitted with infrared remote control.
- Optional radio module for transmitting data to a PC or a remote repeater.

### WEIGHING CAPACITY

- up to 2,500 kg / 5 kg



# WEIGHBRIDGE

## Dimensions

length 14, 16 or 18 m  
width 3 m

NEW



## TECHNICAL FEATURES

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

## BENEFITS

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

## OPTIONS

Metal ramps

Compact ground frame

Wheel guide (anti-fall truck system)

Weighing terminal



## WEIGHING OPTIONS

## DOUBLE BEAM



Extra 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.

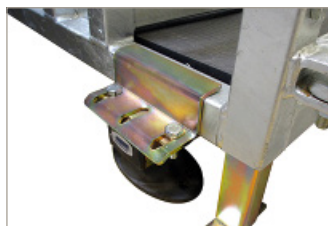
- Weighing capacity: 1,500 kg / 1 kg  
*Ask us for greater weighing capacity.*
- Only for indicators I 30, I 40, I 45, and mechanical weighing

## VERIFICATION REPORT

CONSTAT DE VERIFICATION									
TRAQUE DES SIGNES DE ANTENNE									
NOM DE L'ANTENNE		NOM DE L'INDICATEUR		NOM DE L'APPAREIL		NOM DE L'INDICATEUR		NOM DE L'APPAREIL	
Capacité	Unité	Capacité	Unité	Capacité	Unité	Capacité	Unité	Capacité	Unité
10	kg	10	kg	10	kg	10	kg	10	kg
100	kg	100	kg	100	kg	100	kg	100	kg
1000	kg	1000	kg	1000	kg	1000	kg	1000	kg
10000	kg	10000	kg	10000	kg	10000	kg	10000	kg
100000	kg	100000	kg	100000	kg	100000	kg	100000	kg
1000000	kg	1000000	kg	1000000	kg	1000000	kg	1000000	kg

Without legal metrology.

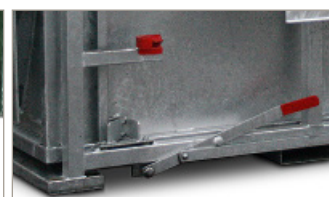
## MOUNTING BRACKETS AND CRUTCHES



- Brackets and bolts to fix the load bars to the handling crush.
- Crutches to secure the bars when traveling or to avoid overload when you use only the handling crush without weighing.

**KIT 4 BRACKETS + 4 CRUTCHES OFFERED**  
when purchase of a crush with load bars

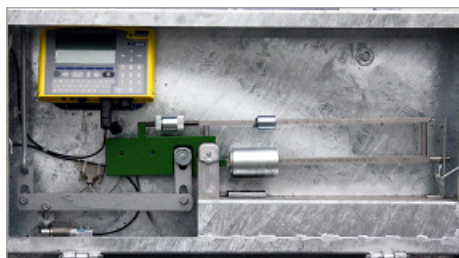
## KNIVES BLOCKING SYSTEM



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.

# NOTES

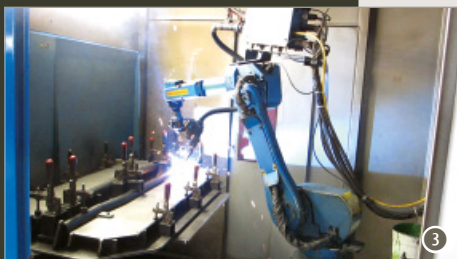




# NEW PLANT

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

- ❶ LASER CUTTING  
ROTELAS laser tube cutting  
for diameter up to 220 mm.  
Power: 3200 Watts  
Steel: 20 mm  
Stainless steel: 10 mm  
Aluminium: 8 mm
- ❷ PRESS BRAKE  
length 3 m.
- ❸ 2 WELDING ROBOTS  
1 robot 10 axes  
1 robot 7 axes.
- ❹ DEGREASING STATION  
Zero rejection for the environment.
- ❺ PAINTING BOOTH  
Length: 12 m  
Width: 4 m  
Height: 4 m

# 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, Maréchalles 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!





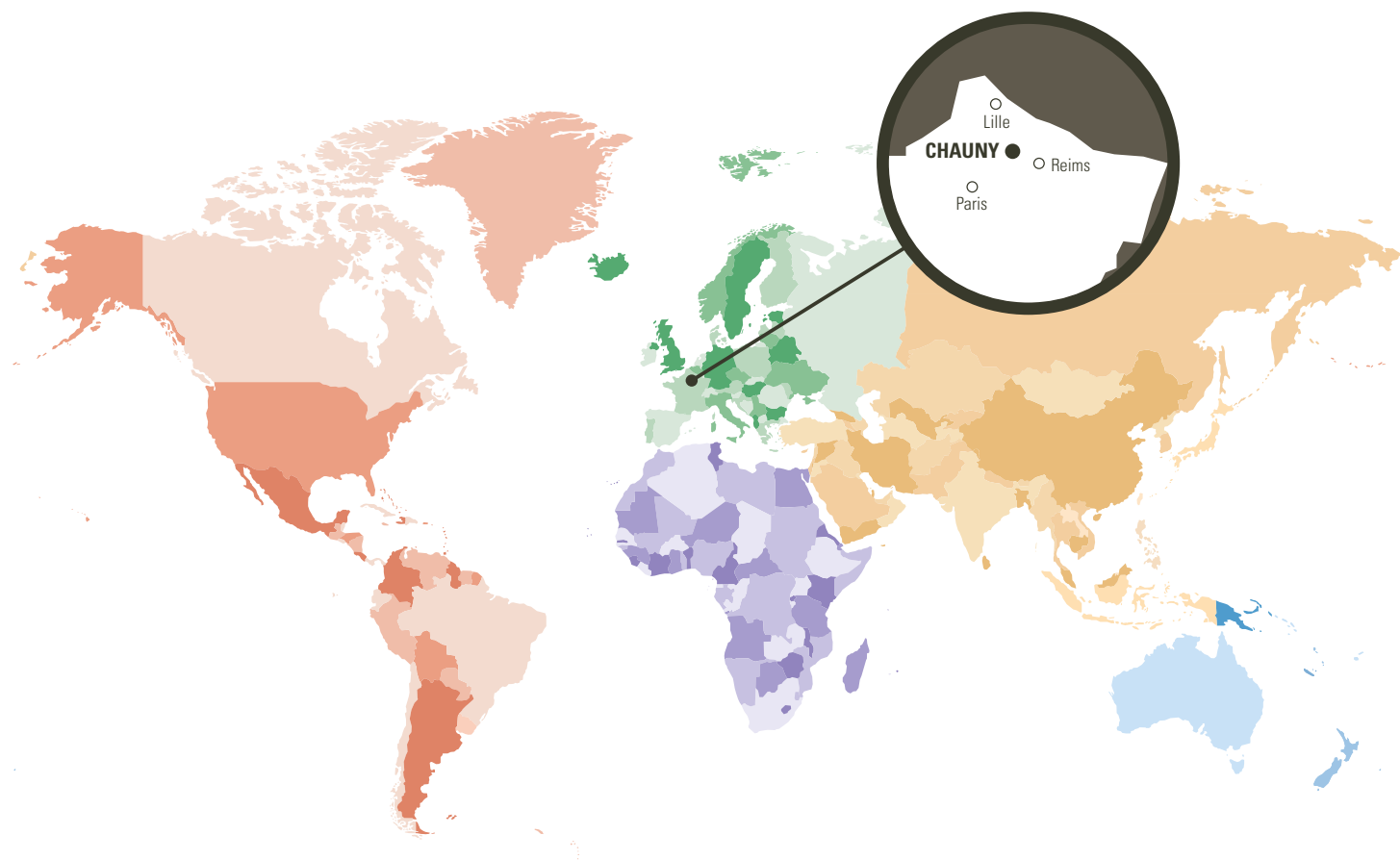
# INDEX

Auto-locking headgate PM 85 _____	5	Insemination back door PM 82 _____	7
Auto-weighing crush PM 6000 LIBERTY _____	38	Knives blocking system _____	48
Back door PM 87 _____	6	Legal metrology _____	48
Backstop door PM 89 _____	8	Lift truck forks FP 91 _____	46
Bench scale BPS 12 _____	45	Load bars Tru Test _____	27
Brackets and crutches _____	48	Manual hoof trimming crush PM 4300 _____	10
Calves dehorning crush PM 170 _____	19	Measurement chain with sensor and electronic indicator _____	48
Cornadis headgate PM 80 _____	3	Mechanical hanging scale PM 20 _____	43
Crane scale PM 23 _____	44	Mechanical weighing frame PM 40 _____	32
Double beam _____	48	Mechanical weighing platform PM 41 _____	32
Double-leaf door PM 88 _____	7	Multifunction cattle crush all in one PM 2400 _____	14
EID Handheld reader _____	24	Multifunction counting scale BPS 11 _____	44
EID Panel readers _____	23	Pallet truck scale TP 81 _____	46
EID Stick reader _____	25	Pallet weighing scale PP 71 _____	46
Electric hoof trimming crush with 1 motor PM 4400 _____	11	Pneumatic automation _____	18
Electric hoof trimming crush with 2 motors PM 4500 _____	12	Portable crane scale PM 22 _____	43
Electronic hanging scale PM 21 _____	43	Portable handling alley PM 3000 _____	20
Electronic weighing platform PM 42 _____	33	Printer _____	48
Electronic weighing platform PM 43 _____	33	Slide-over treatment crush PM 4200 _____	9
Electronic weighing platform PM 44 _____	34	Sliding door PM 81 _____	8
Floor scale with column BC 31 _____	45	Squeeze cattle crush PM 2800 _____	16
Front or intermediary headgate PM 97 _____	6	Suspended electronic weighing frame PM 45 _____	34
Handling panels _____	21	Tractable weighing crush PM 1010T _____	42
Hybrid suspended weighing crush PM 1600 _____	40	Treatment box for horses PM 2007 _____	13
Hybrid suspended weighing crush PM 1200 _____	41	Universal headgate PM 93 _____	4
Indicator PM 500 _____	28	Verification report _____	48
Indicator PM 600 _____	28	Weighbridge _____	47
Indicator PM 650 _____	29	Weighing crate PM 120 _____	35
Indicators ID and WOW XR 3000 _____	29	Weighing crate PM 200 _____	35
Indicator ID 5000 _____	30	Weighing crate PM 300 _____	36
Indicator XR 5000 _____	30	Weighing crate PM 51 _____	37
Indicator I 30 _____	31	Weighing crush PM 61 _____	39
Indicator I 40 _____	31		
Indicator I 45 _____	31		



# MARÉCHALLE

CONTENTION ■ PESAGE ■ IDENTIFICATION



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Kvaliteta za dobro ceno

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