

Ideas out of experience!

# MEIER-BRAKENBERG

## Animal Scales

Mobile and stationary



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WA21

# Single animal scales

## mobile



Tight weight references for fattening pigs demand better sorting. Best possible proceeds from the sale of slaughter pigs are only achieved by weighing animals individually. The mobile scales for individual animals are specially designed for sorting slaughter pigs. Main focus is on a comfortable and efficient weighing process with intuitive sorting function.

### In brief:

- Flexible use inside and in front of the box
- Determine best possible weight for sales
- Lightweight aluminium construction
- Repel function
- Sorting reference with 4-colour-function on the weighing display

### Mobile animal scales Type WA21

#### Standard dimensions

L x B x H (m)

**Outer dimensions:**  
1.75 x 0.58 x 1.26

**Inner dimensions:**  
1.42 x 0.47 x 0.8

**Weight 53 kg**

**Weighing range up  
to 1,000 kg**



Other dimensions and types  
on request.





WA21

# Performance in detail

Three small wheels ensure extreme mobility and manoeuvrability inside stables. Whether pushing like a wheelbarrow, turning on the spot or upright transport - everything is possible. With a total width of 58 cm it can be used even in narrow aisles.

- Waterproof encapsulated weighing cells.
- Pigs like to enter the scales due to extremely low access height of only 7 cm.
- Free passage for user.
- Power supply via built-in rechargeable battery.
- Cable routing inside the rails prevents damages caused by rodents.
- Easy cleaning due to smooth surfaces and only few edges.
- Laterally closed bright walls and an open view in running direction prevent distraction of animals and thus accelerate the weighing process. PATENT no. 10115555.
- Robust and impact-resistant weighing bars.



**“Since I started weighing with the individual animal scales, I earn €18,000 more every year for the 9,000 pigs I sell”**

*Pig farmer Hilmar Brandt from Lindau, Barntrup, Germany*

### Profit from weighing

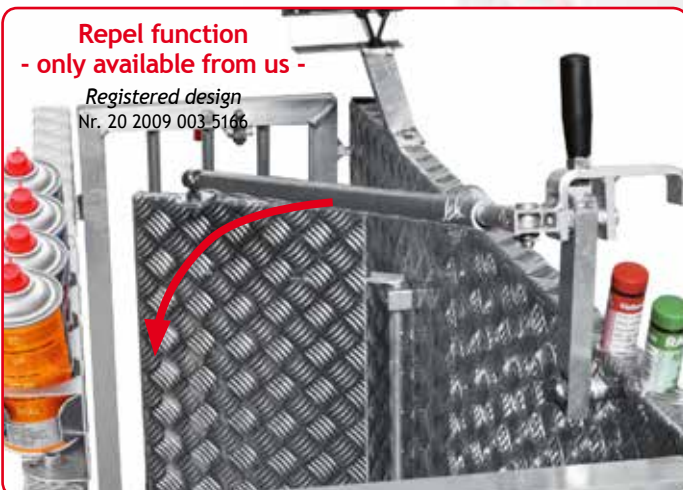
Profits from weighing Sale of 100 finishing pigs

	without scales	with scales
Ø loss through over- and under-weighing	€3.72/animal* 372 €/batch	€1.23/animal* €123/batch
Profit Weighing		€249/batch
Minus remuneration Weighing: 1h/batch		€ -50 /batch
<b>Extra profit</b>		<b>€199 /batch</b>

\*Source: Westfalen Producers' Association  
Profit based on individual animals  
= €1.99/animal.  
For 2,000 fattened pigs/year  
= €3.960 profit/year

**Repel function  
- only available from us -**

Registered design  
Nr. 20 2009 003 5166



### SIMPLY INGENUOUS

Practical „remote control“ for two functions; easy to reset:

- Pigs passing through: Open and close the front gate via a lever in the rear. Herd the animals through without having to move!
- Pigs coming back: Move the reverse herding flap to the opposite side to bring the pigs back. Herd the animals back around without having to move!

4-position holder for color spray, secure hold even during vertical transport



WA

# Animal scales

## mobile use for any purpose

### Sow scales



Outer dimensions LxBxH (m):  
2.25 x 0.70 x 1.10  
Inner dimensions LxBxH (m):  
1.92 x 0.62 x 0.90

### Sorting scales for gilt



Outer dimensions LxBxH (m):  
1.75 x 0.58 x 1.10  
Inner dimensions LxBxH (m):  
1.42 x 0.47 x 0.90

Different requirements demand individual solutions. This is why we offer you our mobile individual animal and group weighing scales in various designs and dimensions. All scales are made for tough

long-term use. The aluminum construction ensures highest possible stability and at the same time maximum mobility.

### Platform scales



Outer dimensions LxBxH (m): 1.75 x 0.90 x 0.25;  
Inner dimensions LxBxH (m): 1.50 x 0.78 x 0.15

### Piglet scales



Outer dimensions LxBxH (m): 2.50 x 0.90 x 1.00;  
Inner dimensions LxBxH (m): 2.22 x 0.82 x 0.80

### Scales for calves and sheep



Outside LxBxH (m): 1.50 x 0.76 x 1.10  
Inside LxBxH (m): 1.22 x 0.47 x 0.90

### Feeder scales



Outside LxBxH (m): 1.90 x 0.80 x 1.50  
Inside LxBxH (m): 1.70 x 0.70 x 1.30

### Bull scales



Outside LxBxH (m): 2.26 x 0.93 x 1.85  
Inside LxBxH (m): 2.14 x 0.81 x 1.73

*Impact-resistant weighing technology for rough use*

WA300  
WAST83S

# Evaluation Units

## for all requirements



Brightly illuminated digits, animal weighing program for moving animals as well as automatic taring in case of soiling facilitate daily routine during animal weighing.

The weighing display with 4-color function facilitates fast intuitive sorting for up to 4 sales dates at the same time. Four weight ranges can be preset individually. The color indicates the appropriate marking color for each weight. In this way each pigs are reliably and correctly identified.

Save data or where applicable sum up data via USB interface as standard.

Additional functions for special weighing displays:

- Calibrated scales
- Connection to PC and printer
- Hand scanner
- Earmark identification

**In brief:**

- Animal weighing program for moving animals
- Automatic re-taring e.g. in case of soiling
- Water-protected display with membrane keyboard for rough use in stables
- Power supply via line adapter or battery
- Intuitive 4-color sorting
- USB port
- Lithium-ion cell



WAW054 -  
WAW190

# Balance beams

## for mobile and stationary scales

To upgrade existing scales, we offer premium quality balance beams made of aluminium and stainless steel. The weighing electronics have an animal weighing program and the scale tares itself electronically. The weighing unit has waterproof load cells and is also protected against mice thanks to rodent resistant cables. Standard operation via mains adaptor can also be implemented with a battery.



*Balance beams from 100 cm in length can be shortened twice by 15 cm. Weighing beams up to 6 m long available on request.*

### Balance beams

Aluminium balance beams (for mobile scales)	
WAW054	54 cm up to 1,000 kg
WAW080	80 cm up to 1,000 kg
Design height	7 cm
Stainless steel balance beams (for fixed scales)	
WAW100	100 cm up to 2,500 kg
WAW145	145 cm up to 2,500 kg
WAW190	190 cm up to 2,500 kg
Design height	8 cm



WASTN

# Low floor scales

## stationary



The high-quality electronic scales is characterised by particularly practical handling. With an access height of only 2 cm these scales can be placed in the aisles and do not need to be embedded into the floor, thus saving expenses! The installation of smart and innovative details allows fast and easy weighing of animal groups, comfortable for humans and animals.

### In brief:

- Access height only 2 cm
- Remote unlocking of exit doors by foot pedal as standard (entrance gate optionally)
- High-quality dust-protected and water jet-proof weighing technology. Can be cleaned with high-pressure cleaner
- Cables protected against rodents
- 3 years warranty
- USB port with saving option!

### Standard dimensions

W x L

1.10 m x 2.10 m
1.10 m x 2.50 m
1.10 m x 3.10 m
1.10 m x 3.50 m
1.10 m x 4.10 m
1.10 m x 4.50 m
1.10 m x 5.10 m
1.40 m x 2.50 m
1.40 m x 3.10 m
1.40 m x 3.50 m
1.40 m x 4.10 m
1.40 m x 4.50 m
1.40 m x 5.10 m
1.80 m x 3.10 m
1.80 m x 3.50 m
1.80 m x 4.10 m
1.80 m x 4.50 m
1.80 m x 5.10 m

*Other dimensions on request*



*Even for a 5 kg piglet  
a small step*

WASTN

# Performance in detail

Animals step on a specially developed corrugated scales base that combines anti-skid properties with easy cleaning. The cross corrugation ensures good accessibility, lengthwise corrugation ensures good cleaning.

The specially for these scales developed floor profile with low dead weight and low access height allows retrofitting into any aisle.

The cables of 4 stainless steel weighing bars are installed inside the rails to be protected against rodents.

- Animal weighing program for moving animals
- Intuitive 4-color sorting
- Automatic re-taring
- Power supply by adapter or optionally battery operation
- Calibration on request



- Extremely low ramp height of just 2 cm - easy access for people and animals
- The 2-way gates can be opened both outwards and inwards. This allows the weighing equipment to be used right up against the pen gate.
- Narrow rod spacing in the gates - for weighing piglets as well.



## SIMPLY INGENUOUS

### Transport mechanism

The scales can be moved to the gangway using the transport mechanism. This enables the full gangway width to be used - with the liquid manure grate and plug fully accessible.

### Foot pedal

Remote control using the foot pedal allows the exit gate to be opened from the entry side. The animals can be conveniently herded through.



Ideas out of experience!

# MEIER-BRAKENBERG

## Special designs individual solutions

The following applies to us as a developer and manufacturer of scales:

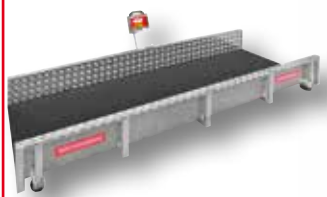
„Nothing is impossible!“

For individual requirements we will discuss your needs,

develop concrete proposals and offer the ideal solution. When developing our products a high value is placed on premium quality materials and functionality!



Wheel barrow type scales



Horse scales with rubberized floor for veterinary clinic.



Weighing platform for 200 cows operation at the concentrated feed station



Stationary scales with extra side gate



Bull scales for export weight control at Hamburg harbour



Three-way crossing at ramp



Mini piglet scales



Barrel scales for chemical industry



Turkey scales

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