

Stunning devices

TBG 200

The TBG 200 humane-slaughter stunning device complies with EC Regulation No. 1099/2009 of 24/09/2009 and/or the national implementing provision for the animal protection slaughter regulation of 01/01/2013, as well as the current VDE (German association of electricians) regulations.

The TBG 200 represents quality "Made in Germany" and stands out due to its simple and safe handling. High-quality components and innovative technology ensure a long service life and high meat quality. The device can also be used for emergency killing in the event of epidemic outbreaks.



Technical Data

Dimensions

400 x 225 x 300 mm

Weight

approx. 21 kg with wall mounting plate

Protection class

II

IP protection class

65

Mains connection

230 V 50 Hz

Slaughtering capacity

approx. 120 pigs/hour

Current strength

2.3 A

Voltage

250 V - 380 V

Humane stunning of animals:

- Rapid current increase in the 1st second to max. 2.3 A
- Visual and audible signal for minimum stunning time not reached
- Visual and audible signal of minimum stunning time reached
- Visual and audible signal for minimum current 1.3 A (for pigs) or 1.0 A (for sheep) not reached within the 1st second and/or not maintained throughout stunning time
- Integrated displays with voltage, current and frequency (V/A/Hz)
- Combined brain-heart stunning possible
- 3 stunning programmes for different animal species/sizes and operating modes

Equipment:

- Plastic casing or optional stainless steel casing
- Electronic high frequency with optimised stunning parameters for high meat quality
- Powerful 2.3 A transformer
- Integrated data recorder for monitoring parameters relevant to animal welfare: current strength (A), voltage (V), frequency (Hz) and minimum stunning time (sec.)
- USB stick for data logging/transfer
- Stainless steel stunning tongs with coiled cable, special handles and copper electrodes with centre spike for secure contact.

Data analysis software:

- The stunning parameters are analysed in the form of daily or monthly statistics showing date, time and various faults
- Individual animal data displayed as a graph, scale or table leaf.



Optional: Pneumatic Tongs

- Suitable for stunning in trap or restrainer for pigs and sheep
- Substantially reduces effort for user due to compressed-air closing action
- Reliable electrode contact
- Adjustable closing speed/stunning time
- Available in 2 sizes (pigs/sows)
- Simple and safe application
- Use in combination with a manual or automatic heart electrode possible
- With control unit compatible with all animal-stunning devices
- Slaughtering capacity: approx. 180 pigs/hour

Optional: Stunning fork

- Suitable for stunning in trap or restrainer for pigs and sheep
- Simple and safe application
- Switchless operation

TBG 100

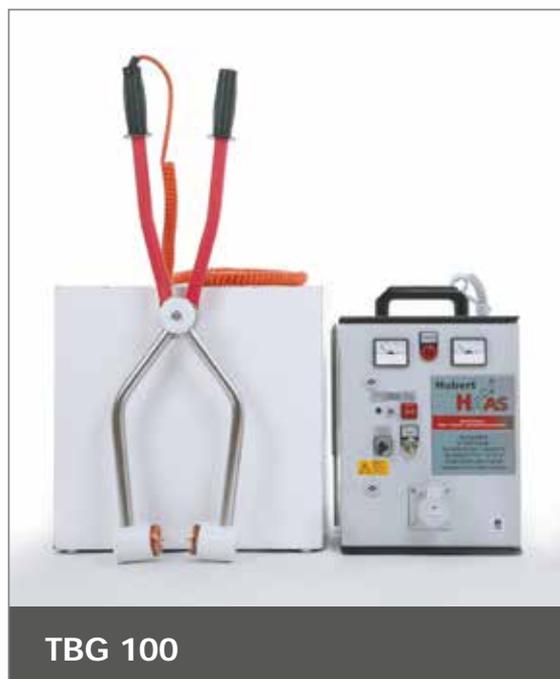
The alternative to the TBG 200 if no documentation/analysis is required.

Humane stunning of animals:

- Rapid current increase in the 1st second to max. 2.3 A
- Visual and audible signal for minimum stunning time not reached
- Visual and audible signal of minimum stunning time reached
- Visual and audible signal for minimum current 1.3 A (for pigs) or 1.0 A (for sheep) not reached within the 1st second and/or not maintained throughout stunning time
- Integrated voltage and current displays (V/A)
- Combined brain-heart stunning possible
- 3 stunning programmes for different animal species/sizes and operating modes

Equipment:

- Plastic casing or optional stainless steel casing
- Electronic high frequency with optimised stunning parameters for high meat quality
- Powerful 2.3 A transformer
- Stainless steel wall mount for transformer and tongs
- Stainless steel stunning tongs with coiled cable, special handles and copper electrodes with centre spike for secure contact



TBG 100

Technical Data

Dimensions

400 x 225 x 300 mm

Weight

approx. 21 kg with wall mounting plate

Protection class

II

IP protection class

65

Mains connection

230 V 50 Hz

Slaughtering capacity

approx. 120 pigs/hour

Current strength

2.3 A

Voltage

250 V - 380 V

TBG 96

Equipment:

- Rapid current increase in the 1st second to max. 2.3 A
- Powerful 2.3 A transformer
- Visual and audible signal of minimum stunning time reached
- Warning lamp for minimum current strength of 1.3 A
- Integrated voltage and current display (V/A)
- Stunning tongs made of stainless steel with coiled cable, special handles and copper electrodes with centre spike for secure contact
- Stainless steel wall mount for transformer and tongs

TBG 96/N

the mobile animal stunning device for epidemic outbreak/emergency killing

The killing of pigs by farmers on the farm may be carried out as part of an emergency killing drill, whenever there is obviously no other means of alleviating great pain or suffering of the animals resulting from injury or illness.

The TBG 96N complies with the current VDE regulations (German association of electricians) and was designed in accordance with leaflet No. 84 "Killing larger groups of animals in the event of an epidemic outbreak" by the Veterinary Association for Animal Welfare (tierärztliche Vereinigung für Tierschutz e.V.).



Technical Data

Dimensions

400 x 225 x 300 mm

Weight

approx. 12 kg

Protection class

II

Mains connection

230 V 50 Hz

Output current

max. 2.3 A

Output voltage

250 V- 380 V

Equipment:

- Display of voltage/current
- Special transformer 2.3 A
- Visual and audible signal of minimum stunning time reached
- Selector switch with 3 programmes for different currents:
 - 1 = 2,3 A / 1.3 A current monitoring
 - 2 = 1,8 A / 1.3 A current monitoring
 - 3 = 1,3 A / 150 V for piglets
- Stainless steel stunning tongs with coiled cable, special handles and copper electrodes with centre spike for secure contact
- Rapid current increase in the 1st second to 2.3 A max
- Stainless steel wall mount for transformer and tongs

TBG 200/N

the mobile animal stunning device for epidemic outbreak/emergency killing

The TBG 200/N animal stunning device by Hubert Haas was developed specifically for the emergency killing of sows, pigs and piglets and was designed in accordance with leaflet No. 84 "Killing larger groups of animals in the event of an epidemic outbreak" by the Veterinary Association for Animal Welfare (tierärztliche Vereinigung für Tierschutz e.V.).

Equipment:

- Integrated displays with voltage, current and frequency (V/A/Hz)
- Visual and audible signal for minimum stunning time not reached
- Visual and audible signal for minimum current 1.3 A (for pigs) or 1.0A (for sheep) not reached within the 1st second and/or not maintained throughout stunning time
- Visual and audible signal of minimum stunning time reached
- Special transformer 2.3 A
- Selector switch with 3 programmes for different currents:
 - 1 = 2.3 A / 1.3 A current monitoring
 - 2 = 2.0 A / 1.3 A current monitoring
 - 3 = 1.0 A / 150 V for piglets
- Stainless steel stunning tongs with coiled cable, special handles and copper electrodes with centre spike for secure contact
- Stainless steel wall mount for transformer and tongs
- Rapid current increase in the 1st second to 2.3 A max
- Stainless steel wall mount for transformer and tongs
- Integrated data recorder for monitoring parameters relevant to animal welfare: current strength (A), voltage (V), frequency (Hz) and minimum stunning time (sec.)
- The stunning parameters are analysed in the form of daily or monthly statistics showing date, time and various faults
- Individual animal data displayed as a graph, scale or table leaf
- USB stick for data logging/transfer

Technical Data

Dimensions

400 x 225 x 300 mm

Weight

approx. 21 kg with wall mounting plate

Protection class

II

IP protection class

65

Mains connection

230 V 50 Hz

Slaughtering capacity

approx. 120 pigs/hour

Current strength

2.3 A

Voltage

250 V- 380 V



TBG 200/N

Documentation Device



DOKU 2019

The Haas documentation device is used to record animal welfare-related stunning parameters in accordance with the requirements of the animal protection slaughter regulation, EC No. 1099/2009 dated 24 September 2009 and the national implementing provision from 01 January 2013.



Technical Data

Weight

7 kg

Dimensions

250 x 350 x 170 mm

Input voltage

230 V / 50 Hz

Specifications supplied

- Haas DOKU 2019
- Haas DOKU software
- USB stick

Equipment:

- Plastic casing or optional stainless steel casing
- Stainless steel wall mount

Data analysis software "Inspector":

- The stunning parameters are analysed in the form of daily or monthly statistics showing date, time and various faults
- Individual animal data displayed as a graph, scale or table leaf

DOKU 2019:

- Data recorder for monitoring parameters relevant to animal welfare: current strength (A), voltage (V), frequency (Hz) and minimum stunning time (sec)
- Integrated displays with voltage, current and frequency (V/A/Hz)
- Visual and audible signal for minimum stunning time not reached
- Visual and audible signal for minimum current 1.3 A (for pigs) or 1.0 A (for sheep) not reached within the 1st second and/or not maintained throughout stunning time
- Visual and audible signal of minimum stunning time reached
- Suitable for pigs, sheep and goats
- Compatible with all animal-stunning devices