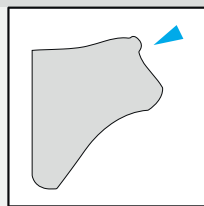
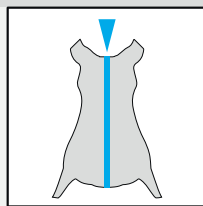


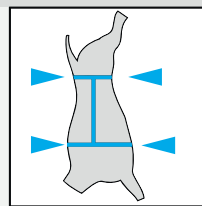
PRODUCT CATALOGUE 2018



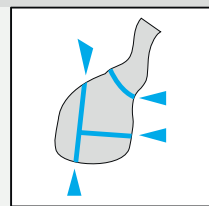
STUNNING



SLAUGHTERING



CUTTING



FINISHING

QUALITY FOR INDUSTRY AND SMALL ENTERPRISES



TRADITION + INNOVATION = FUTURE

As a globally operating manufacturer of tools for cutting and slaughtering, we have made it our goal to support the meat extraction process in a way that is conducive to the well-being of the animal, socially responsible and beneficial to our customers.

Ethical animal welfare requirements coupled with a highly cost-effective procedure and optimum meat quality is what needs to be achieved.

That is why we develop and produce extremely effective and stable machines for the entire process chain. From stunning and slaughtering to cutting up and refining, we ensure that our machines make your production process more efficient in a sustainable manner.

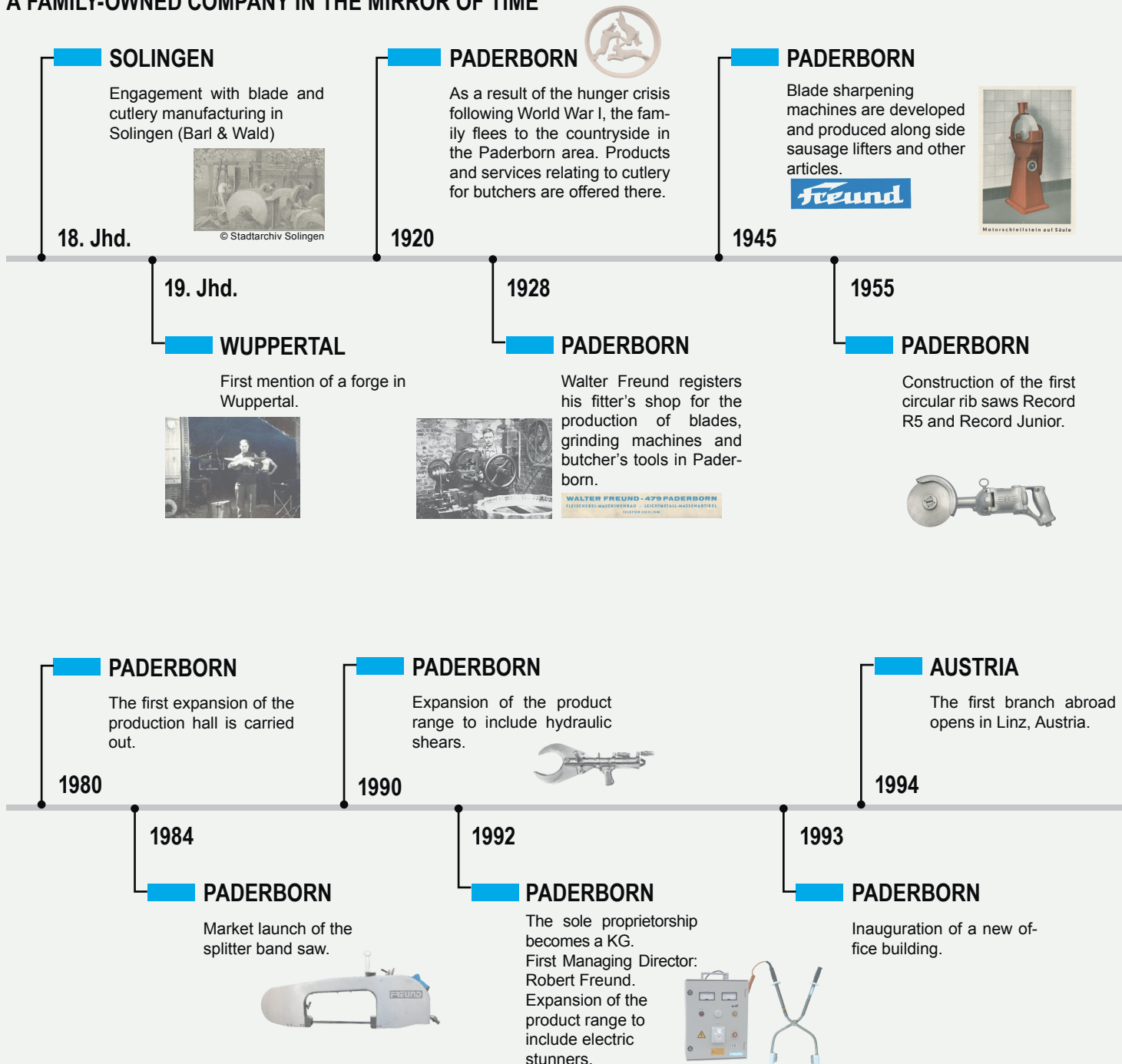
The development and improvement of our services always incorporates regular dialogue with our customers and partners in over 100 countries as well as centuries-old experience as a family-run and family-owned company.

Our FREUND in-house service department will be happy to provide you with comprehensive and expert advice and show you how you can use our services to generate the greatest benefit for your business.

Quality for industry and small enterprises.

Made in Germany.

A FAMILY-OWNED COMPANY IN THE MIRROR OF TIME





COLOGNE

Walter Freund exhibits his own products for the first time at the IFFA trade fair in Cologne.



1959

PADERBORN

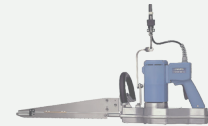
Reinhard Freund builds a modern factory building in Schulze-Delitzsch-Straße in Paderborn.



1965

PADERBORN

The first Breaking-Saw ST40-11 is produced.



1977

1962

PADERBORN



The success model, Record62, starts up, a rib saw with an electric drive.



1970

PADERBORN

The Record62 is replaced by the circular breaking saw K18-01 featuring a motor of protection class IP24 which was developed in-house. The strategy is increasingly aligned to tools for cutting and slaughtering.



1979

PADERBORN

Technology launch – the first CNC lathe enters service.



SPAIN

Founding year of today's FREUND-Iberica in the province of Burgos.



2002

UK

FREUND-UK-Ireland launches with its base in the south of England.



2010

SULZ AM NECKAR

Acquisition of the business activities of IFOOMA GmbH International Food Machinery.



2017

PADERBORN

A new production hall expands production capacities.

2000

2009

UK

Acquisition and further development of the trimmer business division.

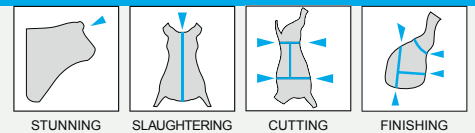


2016

CHINA

Entry into the MADO-Beijing joint venture to establish FREUND-MADO.

HANDWERK / SMALL ENTERPRISES



MOVIT-M

Animal drover



Swatter for effective droving in a manner conducive to the well-being of the animal



0.3 kg

0.7 lbs



- pain-free droving: no electric shocks, no sharp tips
- sudden noise and contact trigger the instinct to flee
- reduced risk of bleeding and dead animals
- improved yield and meat quality
- the MOVIT-M animal drover complies with all animal welfare requirements



515 mm

20 inch



STUN-E512

Stunner (constant current & high frequency)



Electronic, high-frequency, constant-current stunner with data connection for up to 100 stuns per hour



14 kg

31 lbs



- 7 pre-installed stunning programs, individually adaptable for different species of animals
- programmable, electronic control of all stunning parameters
- selectable head and heart stunning programs
- improved meat quality
- higher yield due to fewer blood spots and bone fractures
- complies with the current EU Animal Protection Slaughter Regulation of 01/01/2013
- audible buzzer for minimum stunning time (adjustable)
- visual stun error indication
- LED display for program no., volt, ampere etc,
- integrated interface for data recording
- external data storage STUN-EMEM01 (please order separately) stores data for up to 6000 stuns



IP 44



Electric,
1-phase



STUN-TONG-EP STEEL

Electric-Stun-Tong for pigs & fattening pigs



- combined spike plus middle-thorn electrodes provide better skin contact and prevent slipping for optimised stunning & better meat quality
- electrode quick-change system
- stable stainless steel design ** INOX / rust-free **
- robust pivot joint
- wide opening range for head and heart stunning
- non-slip handle
- wear-resistant spiral cable SK



3.2 kg

7 lbs



STUN-TONG-EA STEEL

Electric-Stun-Tong for sheep, lambs & goats



- extra long spike – for optimum skin contact – resistance also through wool
- combined spike plus middle-thorn electrodes provide better skin contact and prevent slipping for optimised stunning & better meat quality
- electrode quick-change system
- stable stainless steel design ** INOX / rust-free **
- robust pivot joint
- wide opening range for head and heart stunning
- non-slip handle
- wear-resistant spiral cable SK



3.2 kg

7 lbs



STUN-TONG-EP TITANIUM

Electric-Stun-Tong for pigs, breeding sows / sows & boars



- combined spike plus middle-thorn electrodes provide better skin contact and prevent slipping for optimised stunning & better meat quality
- electrode quick-change system
- stable titanium design
- angled, ergonomic, non-slip handles
- robust pivot joint
- wear-resistant spiral cable SK



2.6 kg

5.7 lbs



BOLZENSCHUSSBETÄUBER / BOLT STUNNER

Bolt stunner with cartridges available on request



Cylindrical captive bolt stunner for large animals



2.8 kg

6.2 lbs



- very high bolt speed for deep unconsciousness (penetrating)
- broad application spectrum with .22" / .25" calibre due to different cartridge strengths
- ergonomically shaped trigger for actuation with palm of hand or finger
- ideal for fast industrial slaughter chains
- user-friendly operation and maintenance



BBST30-13

Reciprocating-Breastbone-Saw



Reciprocating-Breastbone-Saw for slaughtering cattle & sows in small and medium plants

- hacksaw blade, fine tooth, rust-free
- spiral cable SK
- round handle R (D type)
- grease gun, filled



12.3 kg 27 lbs



300 mm 12 inch



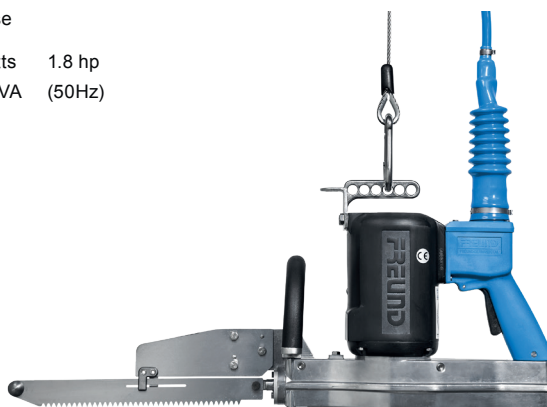
IP 65



Electric,
3-phase



950 watts 1.8 hp
(50Hz)/VA (50Hz)



SST50-13

Reciprocating-Splitting-Saw



- smallest machine of its kind with a completely enclosed three-phase motor
- for up to 2 cattle, 15 pigs or 50 sheep per week
- low dead weight
- saw blade made of rust-free steel STFZ 500 mm
- spiral cable SK
- round handle R (D type)
- gun with special grease



11.5 kg 25 lbs



500 mm 20 inch



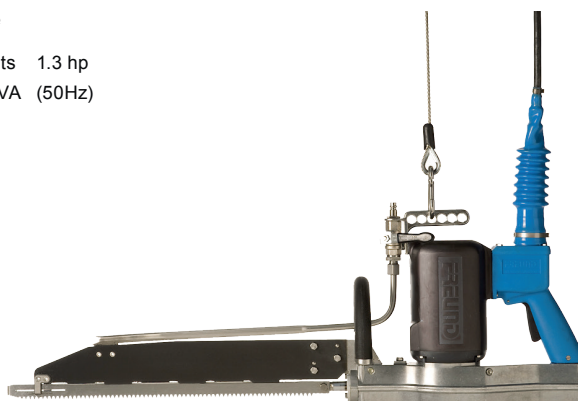
IP 65



Electric,
3-phase



950 watts 1.3 hp
(50Hz)/VA (50Hz)



SH60-03

Reciprocating-Splitting-Saw



Reciprocating-Splitting-Saw for halving up to 100 pigs or 20 cattle per week

- hacksaw blade, coarse tooth, rust-free HUGZ600SP
- spiral cable SK
- round handle R (D type)
- grease gun and 1 kg grease
- for direct connection to contactor/transformer
- water connection with spiral hose for cooling and rinsing the cutting surface



21.6 kg 47 lbs



600 mm 23 1/2 inch



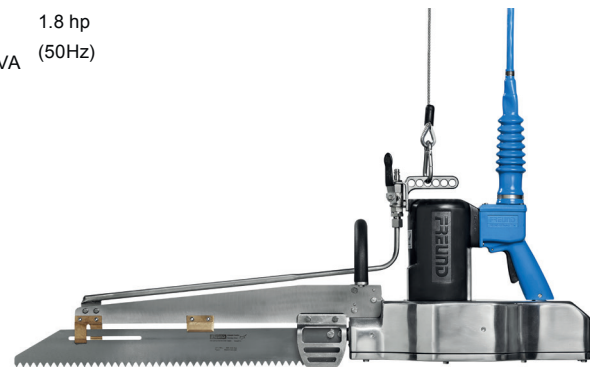
IP 65



Electric, 3-phase



1300 watts 1.8 hp
(50Hz)/VA (50Hz)



ST30-11S

Quartering-Saw



Quartering-Saw for general cutting work

- jigsaw blade, fine tooth STFZ
- spiral cable SK
- round handle R (D type)
- low-vibration operation thanks to the counterweights installed
- high-speed (S) saw for daily use



6.5 kg 14 lbs



300 mm 12 inch



IP 24



Electric, 1-phase



860 watts 1.17 hp
(50-60 Hz)/VA (50-60 Hz)



ST40-11S

Quartering-Saw



- Quartering-Saw for small batches
- jigsaw blade, fine tooth STFZ
- spiral cable SK
- round handle R (D type)
- low-vibration operation thanks to the counterweights installed
- high-speed (S) saw for daily use



7.4 kg 16.3 lbs



400 mm 15 1/2 inch



IP 24



Electric,
1-phase



860 watts 1.17 hp
(50-60 Hz)/VA (50-60 Hz)



ST40-13

Quartering-Saw



Quartering-Saw for general cutting work

- smallest machine of its kind with a completely enclosed three-phase motor
- jigsaw blade, fine tooth STFZ
- spiral cable SK
- round handle R (D type)
- low-vibration operation thanks to the counterweights installed



12.7 kg 28 lbs



400 mm 15 1/2 inch



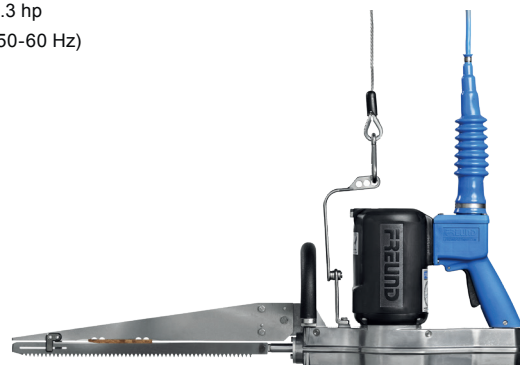
IP 65



Electric,
3-phase



950 watts 1.3 hp
(50-60 Hz)/VA (50-60 Hz)



K18-01

Circular-Breaking-Saw



Circular-Breaking-Saw for general cutting work in medium plants

- integrated electronic motor brake (standstill in less than 3 seconds)
- one-hand adjustable depth control
- round handle R (D type)
- spiral cable SK



6.3 kg 14 lbs



180 mm 7 inch



15 - 65 mm 1/2 - 2 inch



IP 24



Electric,
1-phase



1050 watts 1.4 hp
(50-60Hz)/VA (50-60Hz)



K23-03

Circular-Breaking-Saw



Circular-Breaking-Saw for general cutting work in medium plants

- one-hand adjustable depth control 15-75 mm
- mechanical motor brake MMB
- saw blade stop within 3 seconds after switch-off (EU standard)
- circular saw blade, coarse tooth, rust-free KGZ
- spiral cable SK
- round handle R (D type)



14.5 kg 32 lbs



230 mm 9 inch



15 - 75 mm 1/2 - 3 inch



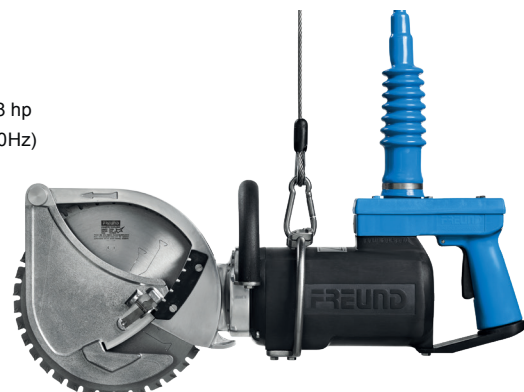
IP 65



Electric,
3-phase



1300 watts 1.8 hp
(50Hz)/VA (50Hz)



K28-03

Circular-Breaking-Saw



Circular-Breaking-Saw for general cutting work in medium plants

- mechanical motor brake MMB
- circular saw blade, coarse tooth, rust-free KGZ
- spiral cable SK
- round handle R (D type)
- saw blade stop within 3 seconds after switch-off (EU standard)



14.5 kg 32 lbs



280 mm 11 inch



100 mm 4 inch



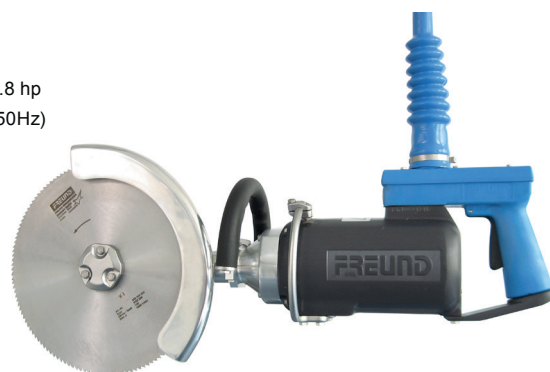
IP 65



Electric,
3-phase



1300 watts 1.8 hp
(50Hz)/VA (50Hz)



TBS19KT

Table-Band-Saw with fixed table



Designed for cutting and portioning meat with or without bones and other food of any kind in a fresh or frozen state

- stable machine housing
- with fixed table
- manual blade tension
- quiet operation
- perfect cutting result
- stable, folding table design for easy cleaning
- push plate
- removable portioning fence
- moveable trolley mobile available as an option



75 kg 165 lbs



235 mm 9 1/4 inch



IP 54



Electric,
3-phase



1100 watts 1.5 hp
(50Hz)/VA (50Hz)



TBS23KT

Table-Band-Saw with fixed table



Designed for cutting and portioning meat with or without bones and other food of any kind in a fresh or frozen state

- stable machine housing
- with fixed table
- manual blade tension
- quiet operation
- perfect cutting result
- stable, folding table design for easy cleaning
- removable push plate
- removable portioning fence



110 kg 243 lbs



290 mm 11 1/3 inch



IP 54



Electric,
3-phase



1100 watts 1.5 hp
(50Hz)/VA (50Hz)



ZKM25-13PC

Circular-Cutting-Knife – Tabletop version



Designed for cutting poultry (chicken, fowl, turkey), small game and small pieces of pig, sheep and calf.

- optimum ergonomics thanks to open work area on both sides
- space-saving design with motor above the working area
- stable bevel gear with lasting durability for the circular breaking saw
- safety devices and hygiene standard according to CE standard
- completely enclosed three-phase motor (IP 65)
- adjustment of dimensions on-site in most straightforward way



33 kg 73 lbs



250 mm 10 inch



75 mm 3 inch



IP 65



Electric,
3-phase



950 watts 1.3 hp
(50Hz)/VA (50Hz)



GS-certified:

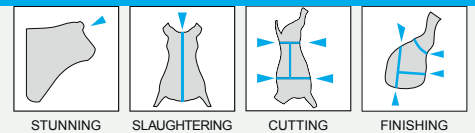
EC type examination as per German Product Safety Act

Protected by international patents



INDUSTRIE

INDUSTRIE / INDUSTRY



MOVIT-M

Animal drover



Swatter for effective droving in a manner conducive to the well-being of the animal



0.3 kg 0.7 lbs



- pain-free droving: no electric shocks, no sharp tips
- sudden noise and contact trigger the instinct to flee
- reduced risk of bleeding and dead animals
- improved yield and meat quality
- the MOVIT-M animal drover complies with all animal welfare requirements



515 mm 20 inch



MOVIT-E45

Animal drover



- unique: the current strength increases slowly so that the animal can itself decide when it moves
- pain-free droving: no major electric shocks, no sharp tips
- reduced risk of bleeding and dead animals
- improved yield and meat quality
- animal drover complies with all animal welfare requirements
- animal welfare: Power off after 2 seconds
- includes long-life, alkaline batteries



1.2 kg 2.2 lbs



880 mm 34 1/2 inch



STUN-E6

Stunner (constant current & high frequency)



Electronic, high-frequency, constant-current, cloud-enabled stunner for up to 100 stuns per hour

- 21 pre-installed stunning programs, individually adaptable for different species of animals
- 3 individually programmable programs
- internal data storage for 16,000 stun sets
- LCD display with 40 symbols for live indication of voltage / current / program
- linear frequency ramp, without abrupt gradations
- audible buzzer for minimum stunning time (adjustable)
- visual indication for errors and the end of stunning
- 6 convenient buttons for program selection and programming
- network-compatible, Ethernet RJ45 connection
- second outlet for separate heart-electrode
- remote programming of the parameter data sets possible via a web interface
- access to stun data via the web interface with daily/weekly/monthly statistics



13 kg

28,6 lbs



IP 65



elektrisch,
1 Phase



STUN-E512

Stunner (constant current & high frequency)



Electronic, high-frequency, constant-current stunner with data connection for up to 100 stuns per hour

- 7 pre-installed stunning programs, individually adaptable for different species of animals
- programmable, electronic control of all stunning parameters
- selectable head and heart stunning programs
- improved meat quality
- higher yield due to fewer blood spots and bone fractures
- complies with the current EU Animal Protection Slaughter Regulation of 01/01/2013
- audible buzzer for minimum stunning time (adjustable)
- visual stun error indication
- LED display for program no., volt, ampere etc,
- integrated interface for data recording
- external data storage STUN-EMEM01 (please order separately) stores data for up to 6000 stuns



14 kg

31 lbs



IP 44



Electric,
1-phase



STUN-E513

Stunner (constant current & high frequency)



Programmable, electronic stunner for continuous operation (latch or restrainer)



15 kg 33 lbs



IP 44



electric
1-phase



- 7 pre-installed stunning programs, individually adaptable for different species of animals
- programmable, electronic control of all stunning parameters
- selectable head and heart stunning programs
- improved meat quality
- higher yield due to fewer blood spots and bone fractures
- complies with the current EU Animal Protection Slaughter Regulation of 01/01/2013
- audible buzzer for minimum stunning time (adjustable)
- visual stun error indication
- more powerful transformer (2.5 A)

Data recorded:

- minimum stun time (4 s) maintained at minimum current in ampere-seconds (separately for head and heart)?



STUN-E514

Stunner (constant current & high frequency)



Electronic stunner for continuous operation (latch or restrainer)



16 kg 35 lbs



IP 44



Electric,
1-phase



Additional to all identical features of STUN-E512:

- LCD display for program, volt, ampere etc.
- 6 buttons for program selection and programming (password-protected)
- more powerful transformer (2.5 A)
- second outlet for separate heart-electrode
- remote control outlet for pneumatic stun tong



STUN-CHECK-E601

Test device for electric stunner



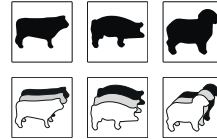
The AUTOMATIC test sequence provides an unequivocal result thanks to the red or green display of the three parameters and the overall result

- thanks to the objective and unequivocal measurement result, there is no need for the interpretation of the subjective results of conventional test devices
- suitable for testing electric stunning equipment for pigs, cattle and sheep



0.8 kg

1.8 lbs



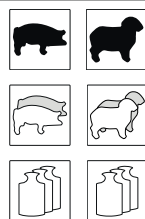
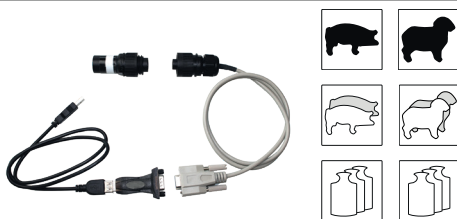
6 changeable test programs:

- P1 = 0.8 ampere
- P2 = 1.0 A (sheep)
- P3 = 1.3 A (pigs)
- P4 = 1.5 ampere
- P5 = 2.0 ampere
- P6 = 2.5 A (cattle)
- all relevant parameters are tested within a few seconds in accordance with the Animal Slaughter Protection Regulation



STUN-EMEM01

External-Data-Memory



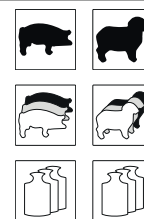
Recording of up to 6000 data sets for key parameters of electrical stunning in accordance with the Animal Slaughter Protection Regulation 1099/2009



- minimum stun time (4 s) maintained at minimum current in ampere-seconds (separately for head and heart)?
- Error Yes/No for each parameter
- data output on PC or printer (using STUN data software, see accessories)
- connection to commercially available RS232/USB interface
- recording obligation in the EU as of 01/01/2013

DATENKABEL / DATA CABLE RS-485

Data-Recording-Cable



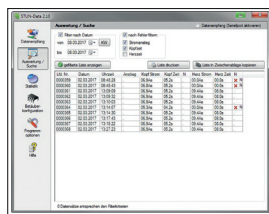
Scope of delivery:

- connection cable to PC (serial / RS232)
- adapter cable (serial to USB)



STUN-DATA

Analyzer-Software for Stun-Datasfor



Offers various search & evaluation options, e.g. according to date, error type and summaries of statistics

Compatible with XP, Windows 7, Windows 10

STUN-E-INSPECTION

Inspection for electric stunners from every stunner-manufacturer



Including replacement device STUN-E512 for the duration of the inspection

Testing in accordance with the applicable Animal Slaughter Protection Regulation, operational safety regulations and accident prevention regulations

1. You give us a call +49 (5251) 1659-0
2. We send you a replacement device from the latest generation (only for premium package)
3. You send us your device with the tong and we check that it complies with regulations
4. If the device is compliant, we issue a test sticker and a test certificate
5. If necessary, we put together a cost estimate for the repair work
6. You get your device back and we collect the replacement device (only premium package)

STUN-TONG-EP STEEL

Electric-Stun-Tong for pigs & fattening pigs



- combined spike plus middle-thorn electrodes provide better skin contact and prevent slipping for optimised stunning & better meat quality
- electrode quick-change system
- stable stainless steel design ** INOX / rust-free **
- robust pivot joint
- wide opening range for head and heart stunning
- non-slip handle
- wear-resistant spiral cable SK



3.2 kg

7 lbs



STUN-TONG-EA STEEL

Electric-Stun-Tong for sheep, lambs & goats



- extra long spike – for optimum skin contact – resistance also through wool
- combined spike plus middle-thorn electrodes provide better skin contact and prevent slipping for optimised stunning & better meat quality
- electrode quick-change system
- stable stainless steel design ** INOX / rust-free **
- robust pivot joint
- wide opening range for head and heart stunning
- Non-slip handle
- wear-resistant spiral cable SK



3.2 kg

7 lbs



STUN-TONG-EP TITANIUM

Electric-Stun-Tong for pigs, breeding sows / sows & boars



- combined spike plus middle-thorn electrodes provide better skin contact and prevent slipping for optimised stunning & better meat quality
- electrode quick-change system
- stable titanium design
- angled, ergonomic, non-slip handles
- robust pivot joint
- wear-resistant spiral cable SK



2.6 kg

5.7 lbs



STUN-TONG-EF

Electric-Stun-Fork for pigs



- can be integrated for stunning animals in stun traps or stunning animals in restrainers
- ergonomic thanks to a small, compact design

2.3 kg

5 lbs



STUN-TONG-EPP2

Electric-Stun-Tong, pneumatic

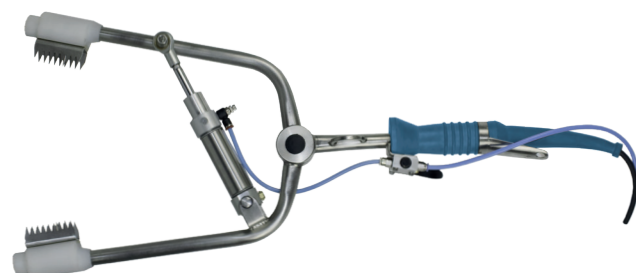


- can be integrated for stunning animals in stun traps or stunning animals in restrainers
- electrode quick-change system
- significant relief for the user thanks to the pneumatic drive for opening and closing



3.2 kg

7 lbs



STUN-SH-H2B

Stunner hand piece Head to Back



- high standard of animal welfare due to head and heart stunning
- ideal for stunning in V restrainers
- good skin contact thanks to water jet on electrodes
- water jets on front and rear electrode can be controlled separately
- back electrode can be adjusted horizontally by 15° to adapt perfectly to the back of the lamb



2 kg

4 lbs



STUN-BP1

Pneumatic Bolt Stunner



Pneumatic Captive Bolt Stunner for cattle, calves and solipeds

- stunning in a manner conducive to the well-being of the animal (penetrating)
- two-hand safety switch
- better stunning for higher meat quality
- powerful one-shot stunning. No subsequent shooting required.



14 kg

31 lbs



12 bar

200 psi



Pneumatic



BOLZENSCHUSSBETÄUBER / BOLT STUNNER

Bolt stunner with cartridges available on request

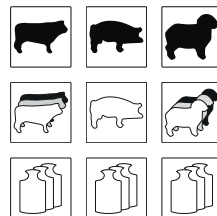


Cylindrical captive bolt stunner for large animals



2.8 kg

6.2 lbs



- very high bolt speed for deep unconsciousness (penetrating)
- broad application spectrum with .22 / .25 calibre due to different cartridge strengths
- ergonomically shaped trigger for actuation with palm of hand or finger
- ideal for fast industrial slaughter chains
- user-friendly operation and maintenance



STIM-E512

Electronic Stimulator



Fully programmable stimulation device for medium and high throughput plants



15 kg

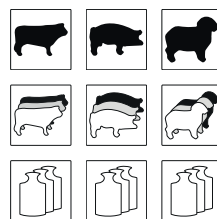
33 lbs



IP 44



Electric,
1-phase



- better draining of blood
- accelerated pH value drop and therefore faster onset of 'rigor mortis'
- increased yield due to lower weight loss
- nose clamp & overhead track connection with 10-meter cable

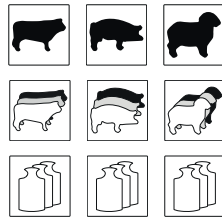
Benefits of low voltage stimulation (<50 Volt):

- is not harmful to humans
- tender meat
- better colour, better aroma
- shortened maturation period, longer shelf life



EBH

Sticking Knife



Sticking-Knife for hygienic blood extraction

- blade and blade holder can be easily exchanged
- cost-effective, modular design

Optional:

- with supply line for anticoagulant

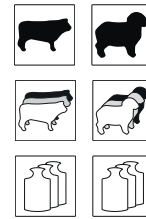


2 kg

4 lbs

Weasand Clip

Weasand Clip (Esophagus Clamp)



- secure and straightforward sealing of the oesophagus prevents contamination by any stomach content being discharged
- available in two different sizes
- easy to use even when the oesophagus is full or damaged
- secure seating: no slipping out of place, no leakage, no premature release
- bio-degradable plastic (FDA approved)
- affordable, graduated price scale

FS6

Foot-Shear



- for removing sheep legs
- practical thanks to smaller handle diameter
- suitable for smaller hands
- perfect force distribution
- excellent cut



3.9 kg

8.6 lbs



65 mm

2.5 inch

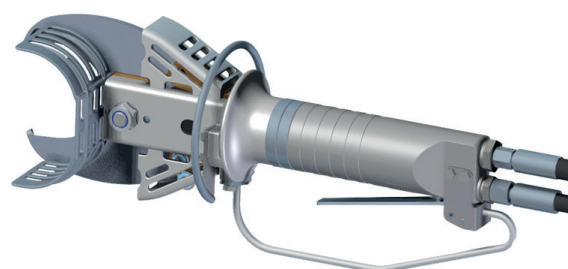


100 bar

1450 psi



Pneumatic



FS6-P

Foot-Shear with Pistol Handle



- for removing sheep legs
- practical thanks to smaller handle diameter
- suitable for smaller hands
- pistol handle
- perfect force distribution
- excellent cut
- very good ergonomics



3.9 kg

9 lbs



65 mm

2.5 inch



100 bar

1450 psi



Pneumatic



FNS9

Foot- and Neck-Shear



- for severing the head joint and removing the feet of halved pigs and sows by an operator
- suitable for smaller hands
- reduces wrist ailments as the head joint no longer needs to be severed with a hand knife
- also suitable for cutting the front feet of sows
- perfect force distribution
- excellent cut



3.9 kg

8.6 lbs



90 mm

3 1/2 inch



180 bar

2600 psi



Pneumatic



FNS9-P

Foot- and Neck-Shear with Pistol Handle



Foot and neck saw for pigs and sheep in high throughput plants

- for severing the head joint and removing the feet of halved pigs and sows by an operator
- suitable for smaller hands
- reduces wrist ailments as the head joint no longer needs to be severed with a hand knife
- pistol handle
- also suitable for cutting the front feet of sows
- perfect force distribution
- excellent cut



3.9 kg 8.6 lbs



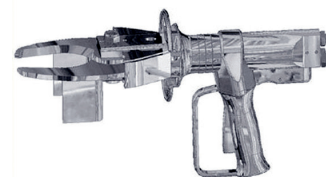
90 mm 3 1/2 inch



180 bar 2600 psi



Pneumatic



HDS15

Head Dropper and General Cutting Shear



Hydraulic shear for high throughput plants

- general cutting up of pigs and sows
- severing of complete sheep and goat heads
- single-hand operation



3.8 kg 8.4 lbs



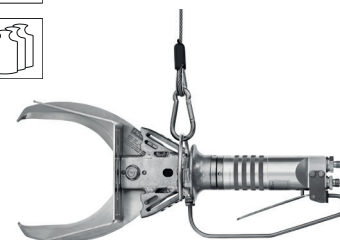
150 mm 5.9 inch



180 bar 2600 psi



Pneumatic



NS21

Neck shear



Hydraulic neck shear for pigs in high throughput plants

- Two-hand safety switch
- Adjustable handles for better ergonomics
- Excellent force distribution



23 kg 51 lbs



210 mm 8 1/2 inch



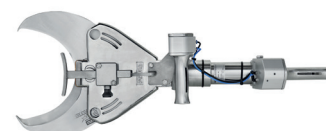
6 bar 87 psi



110 bar 1600 psi



Hydraulic



NS26

Neck-Shear



Hydraulic Neck-Shear for removing the neck of sows & boars in high throughput plants

- adjustable handle for better ergonomics
- two-hand safety switch
- excellent force distribution



27 kg

59 lbs



265 mm

10 1/2 inch



6 bar

87 psi

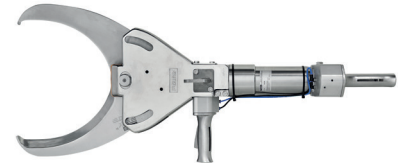


110 bar

1600 psi



Hydraulic



HLS12

Horn- and Leg-Shear



Horn- and Leg-Shear for industrial slaughter chains for cattle

- with one fixed and one moveable blade respectively
- adjustable handle for better ergonomics



27 kg

60 lbs



120 mm

4 1/2 inch



3-8 bar

44-120 psi

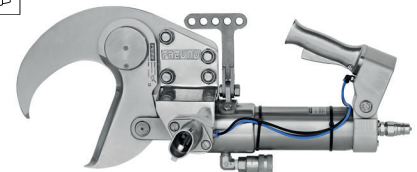


180 bar

2600 psi



Hydraulic



LS15

Leg-Shear



Leg-Shear for cattle and pigs in high throughput plants

- with two movable blades
- two-hand safety switch
- adjustable handles for better ergonomics



21 kg

46 lbs



150 mm

6 inch



3-8 bar

45-120 psi

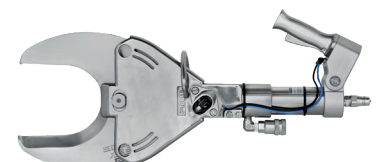


180 bar

2600 psi



Hydraulic



PFK23-03

Circular-Foot-Saw



- foot attachment with round handle
- mechanical motor brake MMB



14.5 kg 32 lbs



230 mm 9 inch



75 mm 3 inch



IP 65



Electric,
3-phase



1300 watts 1.8 hp
(50Hz)/VA (50Hz)



HBK28-06

Circular-Horn- and Leg-Saw



- mechanical motor brake MMB
- two-hand safety switch



21 kg 46 lbs



280 mm 11 inch



100 mm 4 inch



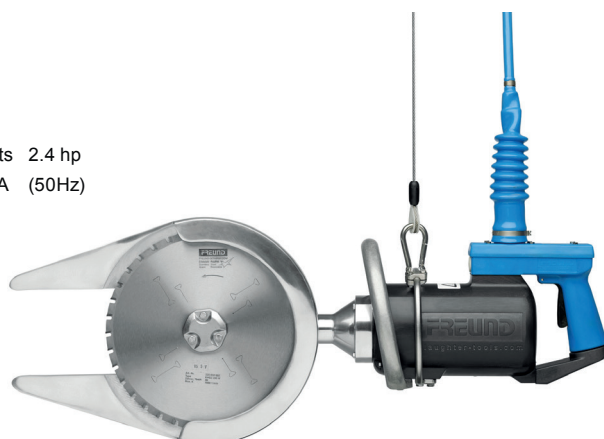
IP 65



Electric,
3-phase



1800 watts 2.4 hp
(50Hz)/VA (50Hz)



HBK33-08

Circular-Horn- and Leg-Saw



Circular-Horn- and Leg-Saw for cattle in high throughput plants

- two-hand safety switch
- with smooth cable GK



31 kg 68 lbs



330 mm 13 inch



105 mm 4 inch



IP 65



Electric,
3-phase



2300 watts 3.1 hp
(50Hz)/VA (50Hz)



SD11

Dehider



Pneumatic dehider with star-shaped blades

- efficient, clean and safe dehiding – avoids incisions, notches or holes
- durable and low-maintenance



1.4 kg 3 lbs



110 mm 4 1/2 inch



3.5 bar 50 psi
370 l/min



410 watts 0.55 hp



Pneumatic



HZ7

Horn-Cutter



Hydraulic Horn-Cutter for lambs in high throughput plants

- two-hand safety switch



6 kg 13 lbs



70 mm 2 1/2 inch



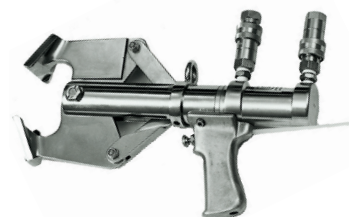
3-8 bar 45-120 psi



150 bar 2200 psi



Hydraulic



HZ10

Horn-Cutter



Hydraulic Horn-Cutter for sheep in high throughput plants



15 kg 33 lbs



100 mm 4 inch



3-8 bar 45-120 psi



130 bar 1900 psi



Hydraulic



HG12

Horn-Guillotine



Hydraulic Horn-Guillotine for the most arduous applications in high throughput plants

- pneumatic 2-hand safety switch



33 kg 73 lbs



120 mm 4 1/2 inch



3 - 6 bar 43.5 - 87 psi



180 bar 2600 psi



Hydraulic



BBS14

Breastbone-Shear



Breastbone-Shear for sheep and goats in medium and high throughput plants

- compressed-air drive
- flexible DL spiral hose 2.5 m



14 kg 31 lbs



145 mm 6 inch



7 bar 100 psi



Pneumatic



VSS-EDF

Vacuum-System



Vacuum-System for rectum cutter EDF

- easy draining & cleaning thanks to large opening & drainage flaps



150 kg 330 lbs



IP 55



750 watts (50Hz)/VA 1 hp (50Hz)



900 watts (60Hz)/VA 1 hp



6.9 bar



electric 3-phase 100 psi



EDF64

Rectum Cutter



To optimally cut out the rectum of pigs and sows.

- clean and even cut of the rear ham
- increased yield thanks to more meat on the carcass, on the ham and less on the rectum
- vacuum extraction of the faecal remains reduces the risk of contamination if the rectum falls into the abdominal cavity
- internal cleaning system for blades reduces cross-contamination



3.5 kg

7.7 lbs



64 mm

2 1/2 inch



6 bar

90 psi



1000 l/min



750 watts

1 hp



Pneumatic



BBKM25-03D

Circular-Breastbone-Knife



Circular-Breastbone-Knife for slaughtering pigs and sheep in medium and high throughput plants

Benefits of the micro-serrated circular knife blade:

- optimised hygiene and longer service life
- clean and smooth blade cut
- spiral cable SK
- round handle R (D type)
- special blade protection prevents organ cutting



16 kg

36 lbs



250 mm

10 inch



85 mm

3 1/2 inch



IP 65

Optional:

- upright rear handle for working position at belly height or higher



Electric
3-phase



1300 watts (50Hz)/VA (50Hz)

1.8 hp (50Hz)

1300 watts (60Hz)

1.8 hp (60Hz)



BBST30-13

Reciprocating-Breastbone-Saw



Reciprocating-Breastbone-Saw for slaughtering cattle & sows in small and medium plants

- hacksaw blade, fine tooth, rust-free
- spiral cable SK
- round handle R (D type)
- grease gun, filled



21.5 kg 47 lbs



300 mm 12 inch



IP 65

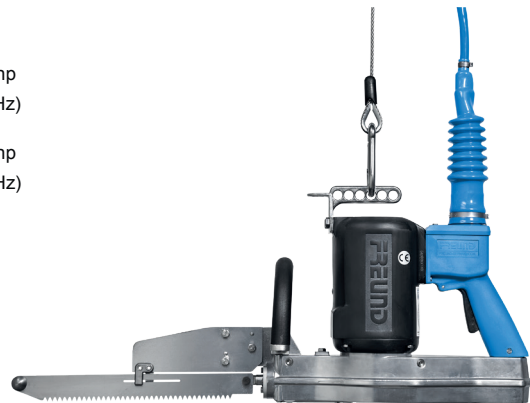


Electric,
3-phase



950 watts 1.8 hp
(50Hz)/VA (50Hz)

950 watts 1.8 hp
(60Hz) (60Hz)



BBH30-03

Reciprocating-Breastbone-Saw



Reciprocating-Breastbone-Saw for slaughtering cattle and sows in high throughput plants

- hacksaw blade, fine tooth, rust-free
- spiral cable SK
- round handle R (D type)
- grease gun and 1 kg grease
- control box, mounted



21.5 kg 47 lbs



300 mm 12 inch



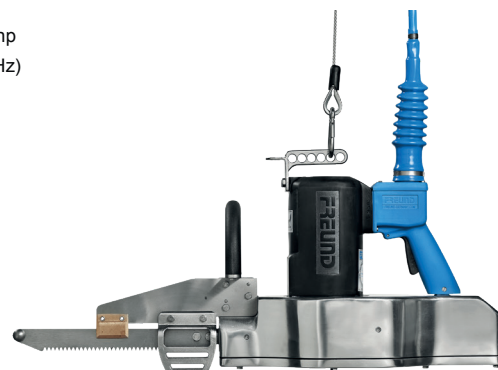
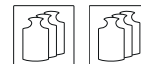
IP 65



Electric,
3-phase



1300 watts 1.8 hp
(50Hz)/VA (50Hz)



SST50-13

Reciprocating-Splitting-Saw



- smallest machine of its kind with a completely enclosed three-phase motor
- for up to 2 cattle, 15 pigs or 50 sheep per week
- low dead weight
- saw blade made of rust-free steel STFZ 500 mm
- spiral cable, round handle, gun with special grease



13.5 kg 30 lbs



500 mm 11 inch



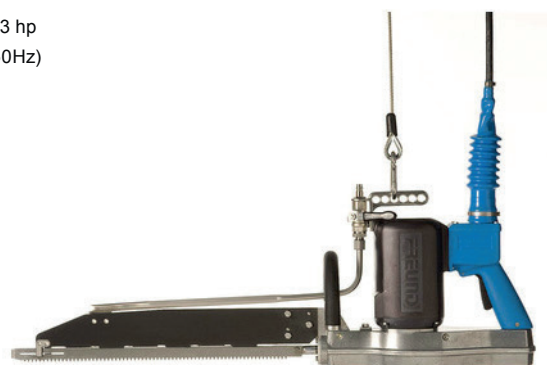
IP 65



Electric,
3-phase



950 watts 1.3 hp
(50Hz)/VA (50Hz)



SH60-03

Reciprocating-Splitter-Saw



Reciprocating splitter saw for halving up to 100 pigs or 20 cattle per week

- hacksaw blade, coarse tooth, rust-free HUGZ600SP
- spiral cable SK
- round handle R (D type)
- grease gun and 1 kg grease
- for direct connection to contactor/transformer
- water connection with spiral hose for cooling and rinsing the cutting surface



21.6 kg 44 lbs



600 mm 23 1/2 inch



IP 65



Electric,
3-phase



1300 watts 1.8 hp
(50Hz)/VA (50Hz)



BBK28-06D

Circular-Breastbone-Saw



Circular-Breastbone-Saw for slaughtering pigs and sows in medium and high throughput plants

- mechanical motor brake MMB
- circular saw blade, coarse tooth, rust-free KGZ
- spiral cable SK
- round handle R (D type)
- rear handle = diagonal, for deep working position (platform)
- special blade protection prevents organ cutting



21.3 kg 47 lbs



280 mm 11 inch



100 mm 4 inch



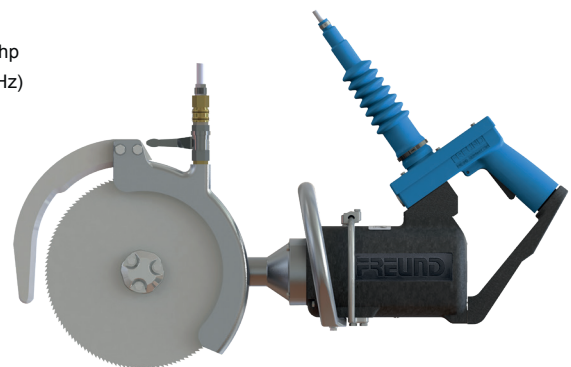
IP 65



Electric,
3-phase



1800 watts 2.4 hp
(50Hz)/VA (50Hz)



SK28-03L

Circular-Splitting-Saw



Circular-Splitting-Saw for slaughtering pigs and sheep in medium plants (without head)

- circular saw blade, coarse tooth, rust-free KGZ
- upright handle on gear neck GH
- water connection with spiral hose for cooling and rinsing the cutting surface
- mechanical motor brake MMB



14 kg 31 lbs



280 mm 11 inch



100 mm 4 inch



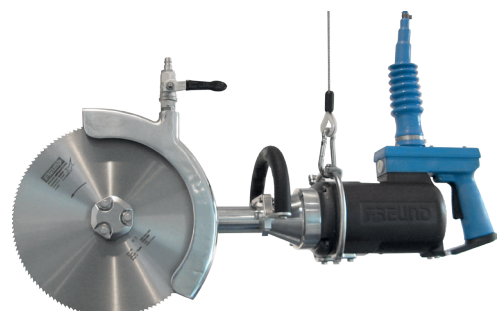
IP 65



Electric,
3-phase



1300 watts 1.8 hp
(50Hz)/VA (50Hz)



SK32-06L

Circular-Splitting-Saw



Circular-Splitting-Saw for slaughtering pigs and sheep in medium throughput plants

- mechanical motor brake MMB
- circular saw blade, coarse tooth, rust-free KGZ320
- spiral cable SK
- upright handle on gear neck GH
- water connection with spiral hose for cooling and rinsing the cutting surface



19 kg

42 lbs



320 mm

12 1/2 inch



120 mm

4 1/2 inch



IP 65

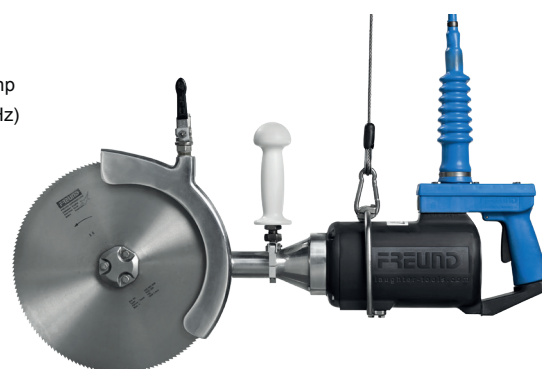


Electric,
3-phase



1800 watts
(50Hz)/VA

2.4 hp
(50Hz)



SK40-08L

Circular-Splitting-Saw



Circular-Splitting-Saw for slaughtering pigs in high throughput plants

- circular saw blade, coarse tooth, splitting, low-noise, rust-free KGZ400SPGA
- with smooth cable GK
- long gear neck
- two-hand safety switch
- water connection with spiral hose for cooling and rinsing the cutting surface
- with 2 guide rollers for splitting from the rear



36 kg

79 lbs



400 mm

15 3/4 inch



145 mm

5 1/2 inch



IP 65

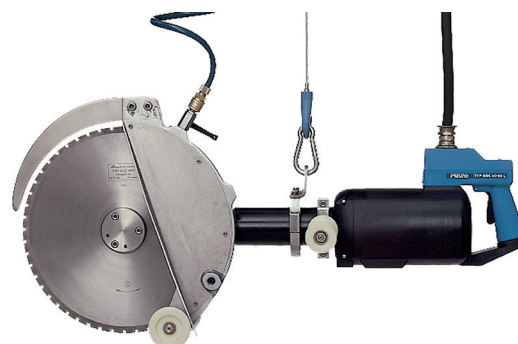


Electric,
3-phase



2300 watts
(50Hz)/VA

3.1 hp
(50Hz)



SK52-08L

Circular-Splitting-Saw



Circular-Splitting-Saw for slaughtering pigs in high throughput plants (sows to some extent)

- circular saw blade, coarse tooth, splitting, low-noise, rust-free KGZ520SPGA
- with smooth cable GK
- two-hand safety switch
- water connection with spiral hose for cooling and rinsing the cutting surface
- with 2 guide rollers for splitting from the rear



41 kg

90 lbs



520 mm

20 1/2 inch



205 mm

8 inch



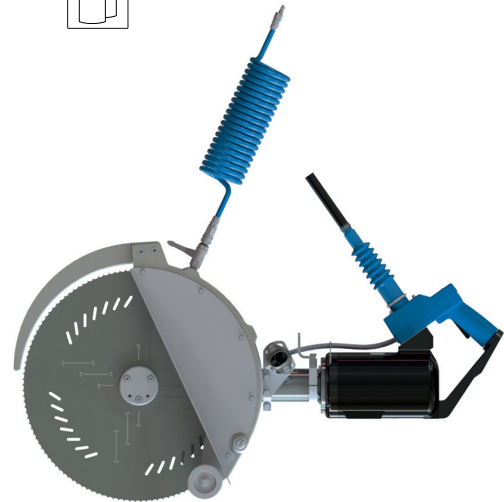
IP 65



Electric,
3-phase



2300 watts 3.1 hp
(50Hz)/VA (50Hz)



SB46-08

Splitter-Band-Saw



Splitter-Band-Saw for pigs / sheep (high throughput plants) and cattle (medium plants) in a combination slaughter line

- if using a low gambrel, halving of pigs is only possible with restrictions (in such cases SB49-08)

The basic model has the following standard equipment:

- manual blade tensioning system MAN
- lever – blade guide HF
- machine safety switch (cover sensor) MSS
- water hose unit
- 5 replacement saw blades
- inbuilt disinfection system DES-E

Optional:

- automatic tensioning system (hydraulic) for rapid band saw blade exchange and optimum blade tension at all times AUT
- automatic band saw blade rotation for rapid band saw blade exchange with adjustable blade guides JF
- including electrical water valve EWW
- two-hand safety switch 2HATD



64 kg

141 lbs



460 mm

18 inch



IP 65



Electric,
3-phase



2300 watts 3.1 hp
(50Hz)/VA (50Hz)



SB49-08

Splitter-Band-Saw



Splitter-Band-Saw

- particularly suited to expansion brace slaughtering due to the low height (front: 300mm)
- splitting of cattle is only possible with limitations for this reason



64 kg

141 lbs



490 mm

19 1/2 inch



IP 65



The basic model has the following standard equipment:

- manual blade tensioning system MAN
- lever – blade guide HF
- machine safety switch (cover sensor) MSS
- water hose unit
- 5 replacement saw blades
- inbuilt disinfection system DES-E



Electric,
3-phase



2300 watts 3.1 hp
(50Hz)/VA (50Hz)

Optional:

- automatic tensioning system (hydraulic) for rapid band saw blade exchange and optimum blade tension at all times AUT
- automatic band saw blade rotation for rapid band saw blade exchange with adjustable blade guides JF
- electrical water valve EWW
- two-hand safety switch 2HATD



SB50-08

Splitter-Band-Saw



Splitter-Band-Saw for cattle and sows in high throughput plants

The basic model has the following standard equipment:

- manual blade tensioning system MAN
- lever – blade guide HF
- machine safety switch (cover sensor) MSS
- water hose unit
- 5 replacement saw blades
- inbuilt disinfection system DES-E



74 kg

163 lbs



500 mm

19 1/2 inch



IP65



Electric,
3-phase



2300 watts 3.1 hp
(50Hz)/VA (50Hz)

Optional:

- automatic tensioning system (hydraulic) for rapid band saw blade exchange and optimum blade tension at all times AUT
- automatic band saw blade rotation for rapid band saw blade exchange with adjustable blade guides JF
- electrical water valve EWW
- two-hand safety switch 2HATD



VSS

Vacuum-System



For vacuum suctioning of spinal cord, brain, leaf lard and grease residues, lungs of poultry etc.

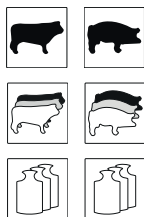
The equipment can be combined individually and consists of:

- vacuum tank (rust-free – in different sizes)
- vacuum pump
- various hoses
- handpieces for different applications



SCR

Spinal-Cord-Remover-Trimmer



- the modern way of removing spinal cord in which the risk material is completely isolated
- the spinal cord strand is suctioned by means of a vacuum (VSS vacuum system = accessories). The internal cutting edge separates the spinal ganglia without harming the spinal cord skin



16 / 19 mm 0.6 / 0.7 lbs



6 bar 87 psi
400 l/min



Pneumatic



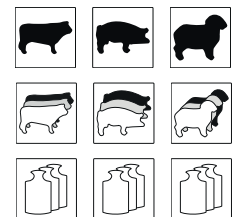
280 watts 0.38 hp

Available in 2 different blade sizes:

- SCR16 for pigs
- SCR19 for cattle

SVH38A

Steam-Vacuum-Handpiece



- disinfection by means of an integrated steam supply and suctioning by means of a vacuum suction line



1.4 kg 3 lbs



38 mm 1.5 inch

SVSS

Steam-Vacuum-Sanitizer-System



For efficient elimination of contamination and reduction of surface germ counts on carcasses

- vacuum suctioning of contamination such as bowel contents, hair
- simultaneous disinfection of the surface using steam
- significantly better germ reduction compared to cutting with blades e.g. in relation to E.coli bacteria
- Greater food safety
- increased yield due to lower weight loss compared to trimming
- reduced risk of cross-contamination thanks to continuous steam disinfection of the hand piece
- no visible change to the surface of the meat



261 kg 575 lbs



IP 54



Electric
3-phase



SVG21

Steam-Generator



For efficient steam generation for FREUND Steam-Vacuum-System

- steam output max. 21 kg/hour
- stable stainless steel design **INOX / rust-free**
- including all requisite safety equipment
- due to its separate, wired control unit, the actual generator can also be installed saving space in the overhead track structure (pneumatic steam outlet valve recommended)
- max. steam temperature 158°C



55 kg 121 lbs



IP 54



max.
5 bar max.
72.5 psi



Electric
3-phase



15 KW (50Hz) 20 hp (50 Hz)



VSS-VH38B

Vacuum-System-Handpiece

Vacuum-System-Handpiece with flat nozzle for removing the spinal cord (from the halved carcass) of cattle, pigs and sheep



VSS-VH38G

Vacuum-System-Handpiece

Vacuum-System-Handpiece with 2.2 m hose for removing spinal cord of cattle prior to halving



VSS-VH38H

Vacuum-System-Handpiece

Vacuum-System-Handpiece with flat nozzle for removing the spinal cord (from the halved carcass) of cattle, pigs and sheep



VSS-VH38E

Vacuum-System-Handpiece

Vacuum-System-Handpiece with flat nozzle for removing the spinal cord (from the halved carcass) of cattle, pigs and sheep



VSS-VH38I

Vacuum-System-Handpiece

Vacuum-System-Handpiece with flat nozzle for removing the spinal cord (from the halved carcass) of cattle, pigs and sheep



VP 100-300

Vacuum Pump

Vacuum pumps (rotary valve, oil lubrication) with 100, 200 or 300 cbm/h



AS28

Quartering-Shear



Hydraulic Shear for quartering cattle

- clean and smooth cut through the backbone and back muscles
- two-hand safety switch
- adjustable handle for better ergonomics



32 kg

71 lbs



280 mm

11 inch



110 bar

1600 psi



Hydraulic



K16-P4_evo2

Circular-Breaking-Saw, pneumatic



One-hand Circular-Breaking-Saw for universal use

- one-hand adjustable depth control
- powerful 800W compressed air motor
"Made in Germany"
- stainless steel blade guard & depth control
- even balance and force transmission protects the wrist joints
- robust and low-wear gear unit
- adjustable handle for better ergonomics



3.1 kg

31 lbs



160 mm

6 1/2 inch



15-51 mm

4 inch

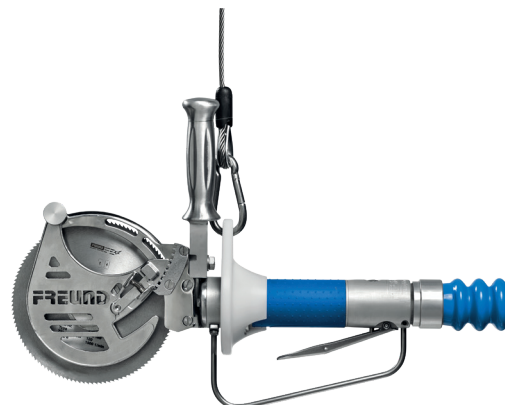


6 bar

950 l/min



Pneumatic



RTK18-13

Circular-Ribtop-Saw



For separating the loin ribs of the spinal column on the complete mid-section

Two adjustable depth stops for

- precise cutting guide
- optimum yield
- high degree of operator safety

Horizontal cutting guide for

- fatigue to be felt more slowly
- precise cutting guide
- correct posture

Thin saw blade 0.8 mm for

- clean cuts and surfaces
- low germ counts
- less sawdust
- optimum yield



12.3 kg 27 lbs



160 mm 7 inch



15 - 65 mm 1/2 - 2 inch



IP 65



Electric,
3-phase



950 watts 1.3 hp
(50-60Hz)/VA (50-60Hz)



BCK23-03

Circular-Bacon-Saw



Circular-Bacon-Saw with horizontal saw blade for medium & high throughput plants

For coarse cutting, cutting out the backbone of bacon half-carasses of pigs

- circular saw blade, coarse tooth, rust-free KGZ
- spiral cable SK
- round handle R (D type)
- saw blade stop within 3 seconds after switch-off (EU standard)
- mechanical motor brake MMB



13 kg 29 lbs



230 mm 9 inch



75 mm 3 inch



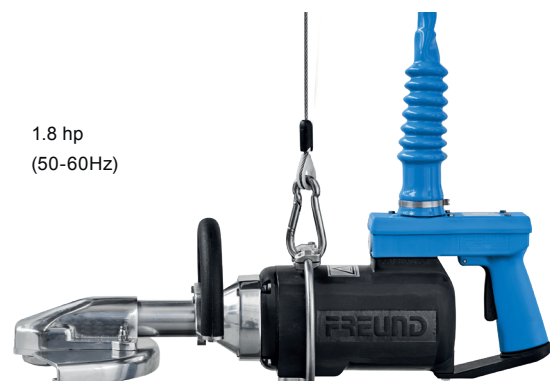
IP 65



Electric,
3-phase



1300 watts 1.8 hp
(50-60Hz)/VA (50-60Hz)



K28-03L

Circular-Quartering-Saw



Circular-Quartering-Saw for general cutting work in medium plants

- long gear neck as a second handle
- mechanical motor brake MMB
- circular saw blade, coarse tooth, rust-free KGZ
- spiral cable SK

Optional:

- two-hand safety switch



14 kg 31 lbs



280 mm 11 inch



100 mm 4 inch



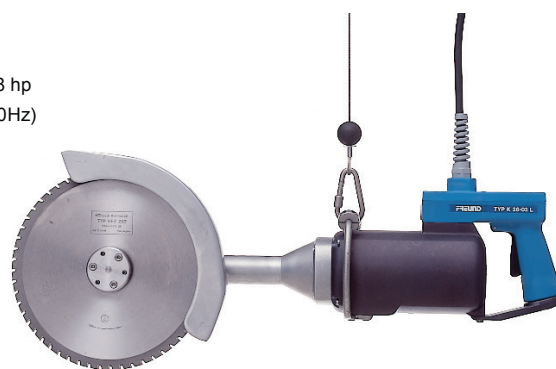
IP 65



Electric,
3-phase



1300 watts 1.8 hp
(50Hz)/VA (50Hz)



K28-06L

Circular-Quartering-Saw



Circular-Quartering-Saw for general cutting work in high throughput plants

- long gear neck as a second handle
- mechanical motor brake MMB
- circular saw blade, coarse tooth, rust-free KGZ
- spiral cable SK

Optional:

- two-hand safety switch



19 kg 42 lbs



280 mm 11 inch



100 mm 4 inch



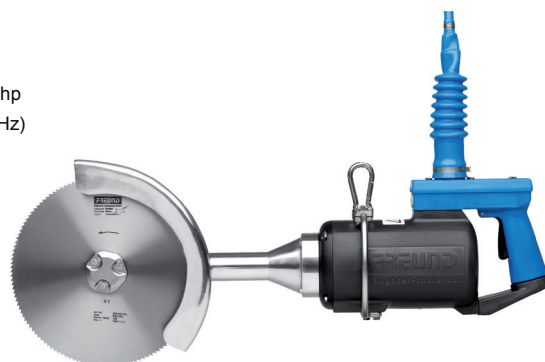
IP 65



Electric,
3-phase



1700 watts 2.4 hp
(50Hz)/VA (50Hz)



K32-06L

Circular-Quartering-Saw



Circular-Quartering-Saw for general cutting work in high throughput plants

- long gear neck as a second handle
- mechanical motor brake MMB
- circular saw blade, coarse tooth, rust-free KGZ
- spiral cable SK

Optional:

- two-hand safety switch



19 kg

42 lbs



320 mm

12 1/2 inch



120 mm

4 1/2 inch



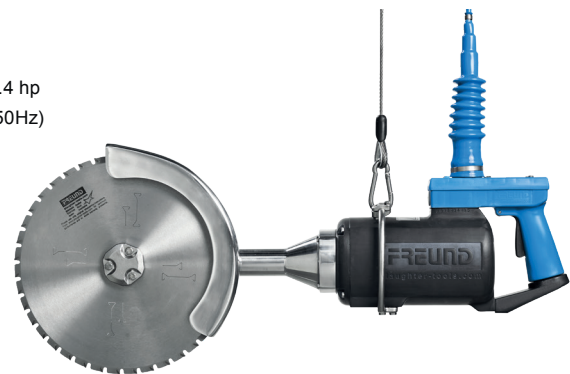
IP 65



Electric,
3-phase



1800 watts 2.4 hp
(50Hz)/VA (50Hz)



ST30-11S

Reciprocating-Quartering-Saw



- jigsaw blade, fine tooth STFZ
- spiral cable SK
- round handle R (D type)
- low-vibration operation thanks to the counterweights installed
- high speed (S)



6.5 kg

14 lbs



300 mm

12 inch



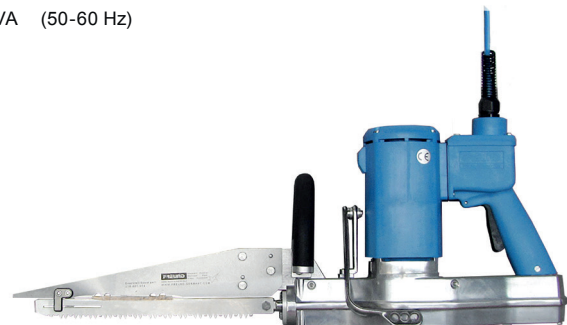
IP 24



Electric,
1-phase



860 watts 1.17 hp
(50-60 Hz)/VA (50-60 Hz)



ST40-11S

Reciprocating-Quartering-Saw



- jigsaw blade, fine tooth STFZ
- spiral cable SK
- round handle R (D type)
- low-vibration operation thanks to the counterweights installed
- high speed (S)



7.4 kg 16.3 lbs



400 mm 15 1/2 inch



IP 24



Electric,
1-phase



860 watts 1.17 hp
(50-60 Hz)/VA (50-60 Hz)



ST40-13

Reciprocating-Quartering-Saw



- smallest machine of its kind with a completely enclosed three-phase motor
- jigsaw blade, fine tooth STFZ
- spiral cable SK
- round handle R (D type)
- low-vibration operation thanks to the counterweights installed



12.7 kg 28 lbs



400 mm 15 1/2 inch



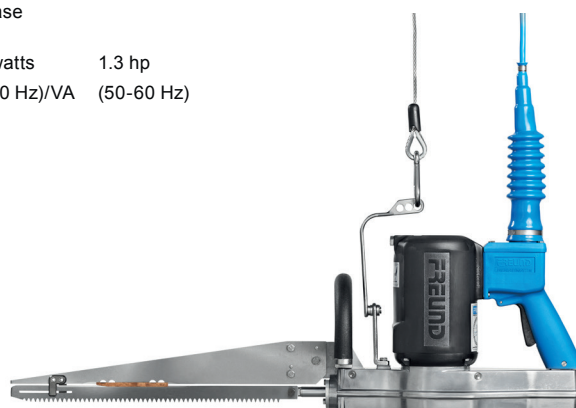
IP 65



Electric,
3-phase



950 watts 1.3 hp
(50-60 Hz)/VA (50-60 Hz)



K18-13

Circular-Breaking-Saw



Circular-Breaking-Saw for general cutting work in medium plants

- integrated electronic motor brake (standstill in less than 3 seconds)
- one-hand adjustable depth control
- round handle R (D type)
- spiral cable SK



11.5 kg 25.4 lbs



180 mm 7 inch



15 - 65 mm 1/2 - 2 inch



IP 65



Electric,
3-phase



950 watts 1.3 hp
(50-60Hz)/VA (50-60Hz)



K23-03

Circular-Breaking-Saw



Circular-Breaking-Saw for general cutting work in medium plants

- one-hand adjustable depth control 15-75 mm
- mechanical motor brake MMB
- saw blade stop within 3 seconds after switch-off (EU standard)
- circular saw blade, coarse tooth, rust-free KGZ
- spiral cable SK
- round handle R (D type)



14.5 kg 33 lbs



230 mm 9 inch



15-75 mm 1/2 - 3 inch



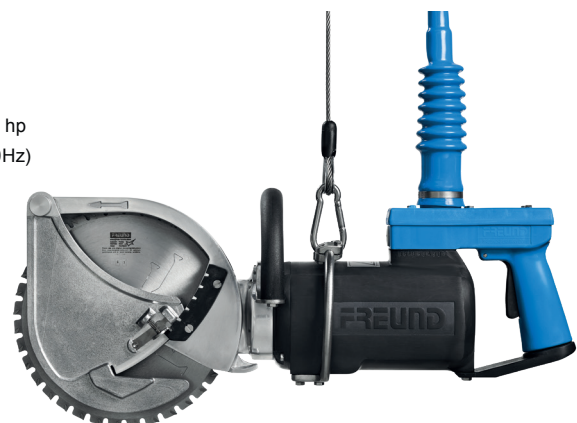
IP 65



Electric,
3-phase



1300 watts 1.8 hp
(50Hz)/VA (50Hz)



K23-06

Circular-Breaking-Saw



Circular-Breaking-Saw for general cutting work

- one-hand adjustable depth control
- mechanical motor brake MMB
- saw blade stop within 3 seconds after switch-off (EU standard)
- circular saw blade, coarse tooth, rust-free KGZ
- spiral cable SK
- round handle R (D type)



19 kg 42 lbs



230 mm 9 inch



15-75 mm 1/2 -3 inch



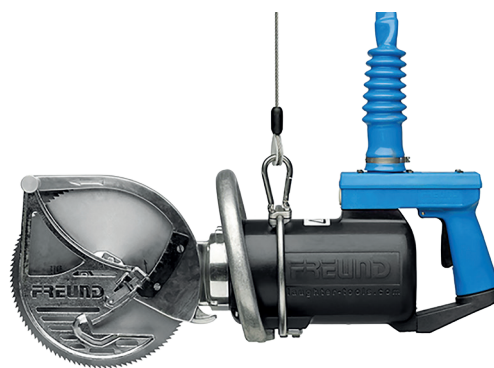
IP 65



Electric,
3-phase



1800 watts 2.4 hp
(50Hz)/VA (50Hz)



K28-03

Circular-Breaking-Saw



Circular-Breaking-Saw for general cutting work

- mechanical motor brake MMB
- circular saw blade, coarse tooth, rust-free KGZ
- spiral cable SK
- round handle R (D type)
- saw blade stop within 3 seconds after switch-off (EU standard)



15 kg 33 lbs



280 mm 11 inch



100 mm 4 inch



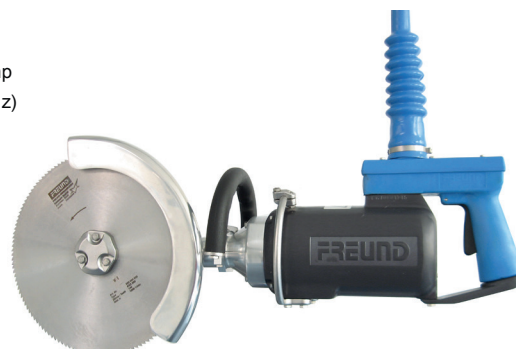
IP 65



Electric
3-phase



1300 watts 1.8 hp
(50Hz)/VA (50Hz)



K28-06

Circular-Breaking-Saw



Circular-Breaking-Saw for general cutting work

- saw blade stop within 3 seconds after switch-off (EU standard)
- mechanical motor brake MMB
- circular saw blade, coarse tooth, rust-free KGZ
- spiral cable SK
- round handle R (D type)



19.5 kg 43 lbs



280 mm 11 inch



100 mm 4 inch



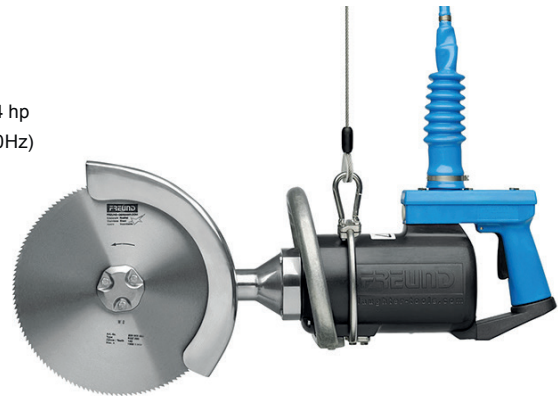
IP 65



Electric,
3-phase



1800 watts 2.4 hp
(50Hz)/VA (50Hz)



K32-06

Circular-Breaking-Saw



Circular-Breaking-Saw for general cutting work

- saw blade stop within 3 seconds after switch-off (EU standard)
- mechanical motor brake MMB
- circular saw blade, coarse tooth, rust-free KGZ
- spiral cable SK
- round handle R (D type)



20 kg 44 lbs



320 mm 12 1/2 inch



120 mm 4 1/2 inch



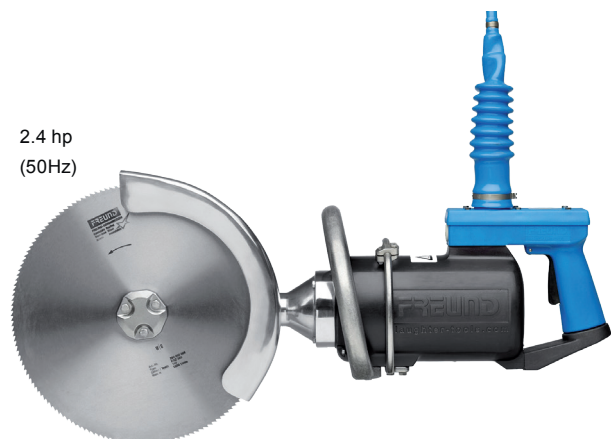
IP 65



Electric,
3-phase



1800 watts 2.4 hp
(50Hz)/VA (50Hz)



TBS28FT

Table-Band-Saw with fixed table



Designed for cutting and portioning meat with or without bones and other food of any kind in a fresh or frozen state

- stable machine housing
- with fixed table
- manual blade tension
- quiet operation
- stable, folding table design for easy cleaning
- removable push plate
- removable portioning fence



120 kg 265 lbs



340 mm 13 1/3 inch



IP 54



Electric,
3-phase



1500 watts 2 hp
(50Hz)/VA (50Hz)



TBS28ST

Table-Band-Saw with sliding table



Designed for cutting and portioning meat with or without bones and other food of any kind in a fresh or frozen state

- stable machine housing
- manual blade tension
- with a sliding table guided by a ball bearing
- quiet operation
- stable, folding table design for easy cleaning
- removable push plate
- removable rest holder
- removable portioning fence



130 kg 287 lbs



340 mm 13 1/3 inch



IP 54



Electric,
3-phase



1500 watts 2 hp
(50Hz)/VA (50Hz)



TBS40FT

Table-Band-Saw with fixed table



Designed for cutting and portioning meat with or without bones and other food of any kind in a fresh or frozen state

- stable machine housing
- manual blade tension
- with fixed table
- quiet operation
- stable, folding table design for easy cleaning
- removable push plate
- removable portioning fence



170 kg 375 lbs



410 mm 16 inch



IP 54



Electric,
3-phase



2200 watts 2.9 hp
(50Hz)/VA (50Hz)



TBS40ST

Table-Band-Saw with sliding table



Designed for cutting and portioning meat with or without bones and other food of any kind in a fresh or frozen state

- stable machine housing
- manual blade tension
- with a sliding table guided by a ball bearing
- quiet operation
- stable, folding table design for easy cleaning
- removable push plate
- removable rest holder
- removable portioning fence



180 kg 397 lbs



410 mm 16 inch



IP 54



Electric,
3-phase



2200 watts 2.9 hp
(50Hz)/VA (50Hz)



ZKM75-08-MOD

Circular-Cutting-Knife



Compact, coarse cutting station for low-loss, clean and hygienic cutting, trimming and portioning

- diverse configuration options thanks to the modular design

Options:

- attachment – roller table RTA (left/right)
- discharging belts
- circular foot saw with table
- line laser

Protected by international patents



750 mm 29 1/2 inch



300 mm 12 inch



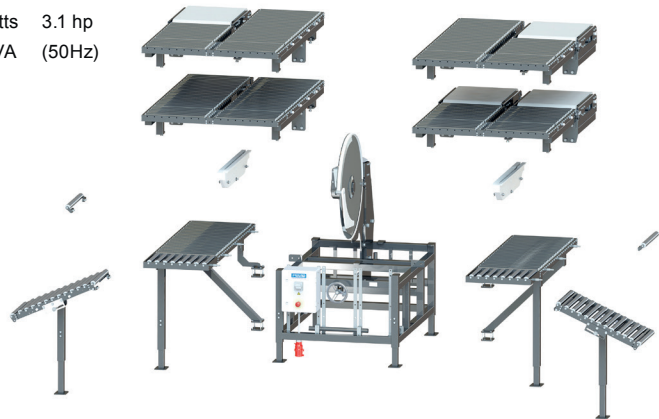
IP 65



Electric,
3-phase



2300 watts 3.1 hp
(50Hz)/VA (50Hz)



ZKM75-08-FTR

Circular-Cutting-Knife – Tabletop version



Circular-Cutting-Knife for low-loss coarse cutting of horizontal carcasses

e.g. on a cutting belt conveyor

- compact unit for pre-head positioning in advance of a pig/sheep cutting line
- loss-free, cleaner and hygienic cut without any smearing
- one operator can coarse cut up to 160 pig halves (3 cuts) per hour
- design: Table with modular, exchangeable roller frame
- stainless steel circular knife blade **INOX / rust-free**
- GS-certified: EC type examination as per German Product Safety Act



300 kg 661 lbs



750 mm 29 1/2 inch



300 mm 12 inch



IP 65



Electric,
3-phase



2300 watts 3.1 hp
(50Hz)/VA (50Hz)



ZKM75-08-LTR-G

Smallest Primal-Cutting-Station



Smallest and most cost-effective compact Primal-Cutting-Station for loss-free, clean and hygienic coarse cutting without any smearing

- diverse configuration options thanks to the modular design

Options:

- attachment – roller table RTA (left/right)
- discharging belts
- circular foot saw with table
- line laser
- adjustable width and height

Protected by international patents



750 mm 29 1/2 inch



300 mm 12 inch



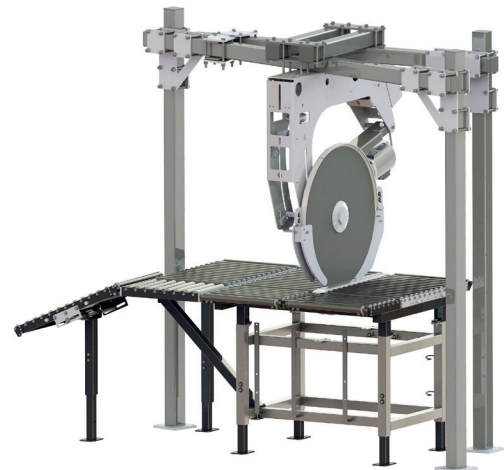
IP 65



Electric,
3-phase



2300 watts 3.1 hp
(50Hz)/VA (50Hz)



ZKM75-08-FTR-CB2

Table Disc-Knife



Compact, coarse cutting station for low-loss, clean and hygienic cutting, trimming and portioning

- diverse configuration options thanks to the modular design

Options:

- attachment – roller table RTA (left/right)
- discharging belts
- circular foot saw with table
- line laser

Also available without a roller table for installation of customised transport technology (version FT)

GS-certified: EC type examination as per German Product Safety Act

Protected by international patents



750 mm 29 1/2 inch



300 mm 12 inch



IP 65



Electric,
3-phase



2300 watts 3.1 hp
(50Hz)/VA (50Hz)



Uni-Portal

Universal Portal Frame

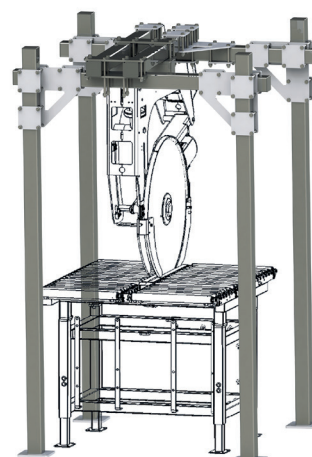


Universally combinable frame design for ZKM circular breaking knife blade and other machines

- diverse configuration options thanks to the modular design
- straightforward adjustment of dimensions on-site

For easy set-up or integration of circular knife blades in cutting lines for example:

ZKM middle splitter (shown with UP4)



FK40-08

Circular-Feet-Cutting-Saw



Circular-Feet-Cutting-Saw with fixed table for latter attachment of cutting equipment

- E meat crate can be kept as a chip box
- circular saw swivel-mounted on the tabletop for optimum cleaning
- completely encased, powerful bevel gear drive: specifically designed for use in slaughtering & cutting up
- stable stainless steel design **INOX / rust-free **
- left and right-hand version available respectively for installation on a table or belt (please specify)
- saw blade revolutions: 1170/min
- cutting speed: 1470 m/min.
- including electronic motor brake
- up to 1200 cuts per hour



58 kg 128 lbs



400 mm 16 inch



125 mm 5 inch



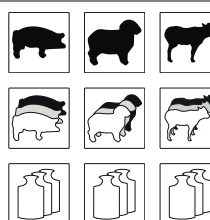
IP 65



Electric, 3-phase



2300 watts 3.1 hp
(50Hz)/VA (50Hz)



ZKM75-08-DA

Circular-Cutting-Knife



Circular-Cutting-Knife for low-loss coarse cutting of horizontal carcasses, e.g. on a cutting belt conveyor

- manual or electromotive lifting of the blade up to 136 mm above the cutting belt
- space-saving suspension of ceiling or frame structure (suspended installation) in cutting equipment



140 kg 309 lbs



750 mm 30 inch



300 mm 12 inch



Protected by international patents



IP 65



Electric,
3-phase



2300 watts 3.1 hp
(50Hz)/VA (50Hz)



ZKM75-08-DA-JHS

Circular-Cutting-Knife



Circular-Cutting-Knife for low-loss coarse cutting of horizontal carcasses, e.g. on a cutting belt conveyor

- manual or electromotive lifting of the blade up to 136 mm above the cutting belt
- space-saving suspension of ceiling or frame structure (suspended installation) in cutting equipment
- with lateral movement option
- suitable for semi (joystick) or fully automatic cutting guide



200 kg 440 lbs



750 mm 30 inch



300 mm 12 inch



Protected by international patents



IP 65



Electric,
3-phase



2300 watts 3.1 hp
(50Hz)/VA (50Hz)



ZKM60-08-DA-MS-JA

Middle-Splitter Disc-Knife



Middle-Splitter Disc-Knife for optimum separation of pig mid-sections in belly & cutlet series

- space-saving suspension of ceiling or frame structure (suspended installation) in cutting equipment
- continuous cutting angle adjustment $\pm 15^\circ$ can be set for optimum yield

Protected by international patents



120 kg 265 lbs



600 mm 23 1/2 inch



175 mm 7 inch



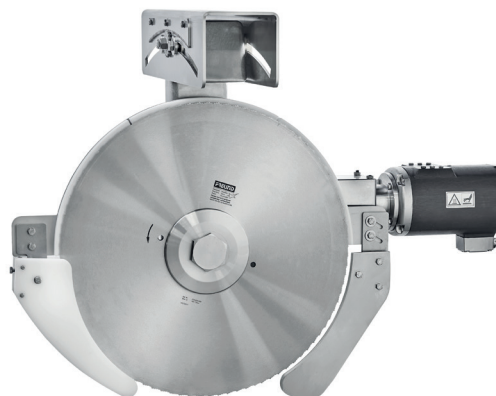
IP 65



Electric,
3-phase



2300 watts 3.1 hp
(50Hz)/VA (50Hz)



SRC34-H5_EV02

Spare-Ribs-Cutter



For optimum separation of the ribs (loin or back ribs) of split backbone

- up to 2000 items/hour with trained personnel
- clean, smooth and even cut results in a high-quality product
- optimum extraction of the meat thanks to an additional extraction plate
- consistent yield (practically no meat loss)
- longer shelf life of the product thanks to better hygiene (hardly any sawdust)
- safe working (particularly in comparison to open band saw)
- laterally integrated conveyor belt for the ribs
- low space requirement
- transport rollers for a quick change of location
- high degree of stability for the guides thanks to being locked via the tension lever
- quick payback time due to the attractive price/performance ratio
- circular knife blade can be re-sharpened
- quick and easy to clean

Protected by international patents



345 mm 13 1/2 inch



IP 65



Electric,
3-phase



2800 watts 3.0 hp
(50Hz)/VA (50Hz)



RTC34

Rib Top Cutter



- high performance with up to 1500 cutlet strands per hour
- circular knife blade technology
- automatic cutting guide and ejection as well as outward conveyance of the portions
- consistent precise cuts, less bone removal
- good level of adjustability, including quick adjustment of the cutting depth
- easy maintenance and cleaning
- proven SRC drive technology
- highly robust design



260 kg 573 lbs



345 mm 13 1/2 inch



IP 65



Electric,
3-phase



2800 watts 3.0 hp
(50Hz)/VA (50Hz)



HSK8-P3

Hand-Skinner, pneumatic



Hand-Skinner for easy skinning of pig (ham/shoulder) and beef sections (cold degreasing)

- knife quick-change system for toolless blade change
- high degree of operational safety
- stable design
- less idle time
- relief for maintenance personnel
- low-noise operation



1.6 kg 3 1/2 lbs



76 mm 3 inch



3.5 mm 0.14 inch



6 bar 90 psi
420 l/min



Pneumatic

Powerful compressed air motor "Made in Germany" makes oil-free operation possible

- easy cleaning thanks to the hygienic design
- no dead spaces where dirt can accumulate



320 watts 0.43 hp

Maintenance-friendly:

- easy disassembly with a slotted screwdriver
- variable handle position
- easy adjustment of the handle position to the cutting head



TRIMMER

FREUND Trimmer for Meat, Fat, Bone and Fish



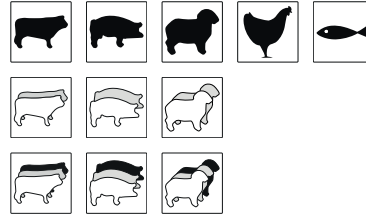
- new start-stop safety system with stop lever on the hand piece
- optimum cutting results with 4500 rev/min (electric & pneumatic)
- series 2 with improved tothing, toolless blade change system and increased blade service life
- with cutting depth control
- ring blade with a diameter of 35 - 128 mm



35-128 mm



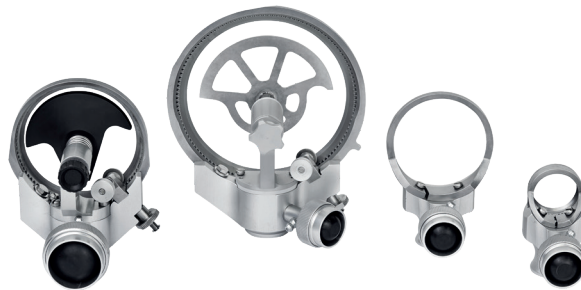
Electric & pneumatic



Optional blade shapes:

- 'A' = upright
- 'B' = hook
- 'C' = flat

Request our brochure for more details



TRIMMERHANDSTÜCKE / TRIMMER-HANDPIECES

Trimmer-Handpieces for trimmer head pieces



Standard Trimmer-Handpieces in three handle sizes



31 / 34 / 38 mm 1,2 / 1,3 / 1,5 inch

- Standard handpiece for trimmer head piece
Ø 69 mm
Ø 128 mm



- Standard hand piece with start-stop – safety system for trimmer head piece
Ø 35 mm
Ø 69 mm
Ø 128 mm



- PNM2 with start-stop – safety system for trimmer head piece
Ø 69 mm
Ø 128 mm



Pneumatic PNM2

Pneumatic Trimmer motor PNM2



Lengthens service life for wear parts, which only require a half yearly service, reduces costs and increases profit.



0.6 kg

1 1/4 lbs



6 bar

90 psi



470 l/min



Pneumatic



250 watts



- Figure shows trimmer head piece with PNM2

ADAPTIVE

Adaptive Meat-Trimmer-Handpiece System



- the adaptive system can be connected in all trimmer drive motors
- new start-stop safety system with stop lever on the hand piece
- series 2 with improved toothing, toolless blade change system and increased blade service life
- the modular, adaptive systems fits other motors and thereby lowers operational costs without any great investment cost
- suitable for all Bettcher Whizard motors UN84 & UltraDrive
- all standard hand piece sizes can be supplied
- easy to connect and identifiable by the blue handle



35-128 mm 1.3-5 inch



TM-E6000

Trimmer motor



- for all Endeavour hand pieces
- industrial version with up to 6500 rev/min @50Hz
- integrated hand piece bracket
- easy connection to the hand piece
- hygienic design



16 kg 35.3 lbs



IP 65



Electric, 4 inch
1 phase



370 Watt 0.5 hp
(50-60Hz)/VA (50-60Hz)



MINICUT

Minicut Trimmer System



- easy to adjust, operate and maintain
- alternative motor (2850 rpm) for driving trimmer hand pieces
- or easy applications such as cutting kebab meat or smoked salmon



7.7 kg 17 lbs



IP 54



Electric,
1-phase



250 Watt 0.3 hp
(50-60Hz)/VA (50-60Hz)



F0.5-1.6...F3-1.6

Balancer Series 1-3 kg with 1.6 meter cable extension



Balancer specially developed to be used in the food industry for food processing

- falling protection / safety suspension
- stable plastic housing
- balancer rope & stainless steel hook
- adjustable carrying capacity



0.5 - 0.7 kg 1 - 1.5 lbs



0.4 - 3 kg 0.8 / 6.6 lbs



1.6 m 5.2 ft

F4-2.5...F14-2.5

Balancer Series 4-14 kg with 2.5 meter cable extension



Balancer specially developed to be used in the food industry for food processing

- stable aluminium housing polished and unpainted – no risk of contamination by flaking surfaces/paint
- balancer rope & stainless steel hook
- sealed bearing
- lubrication with food grease as per FDA
- falling protection / spring fracture safety device (from 3 kg)



3.4 - 3.7 kg 7.5 - 8.5 lbs



2 - 14 kg 4.4 - 31 lbs



2.5 m 8.2 ft

F14-2...F25-2

Balancer Series 14-2 kg with 2 meter cable extension

Balancer specially developed to be used in the food industry for food processing

- balancer housing & drum made of corrosion-resistant aluminium pressure casting
- stable aluminium housing polished and unpainted – no risk of contamination by flaking surfaces/paint
- balancer rope & stainless steel hook
- sealed bearing
- lubrication with food grease as per FDA
- falling protection / spring fracture safety device (from 3 kg)



6 - 7.5 kg 13 - 16.5 lbs



10 - 25 kg 22 - 55 lbs



2 m 6.6 ft



F30-2...F105-2

Balancer Series 20-180 kg with 2 meter cable extension

Balancer specially developed to be used in the food industry for food processing

- Balancer housing & drum made of corrosion-resistant aluminium pressure casting
- Stable aluminium housing polished and unpainted – no risk of contamination by flaking surfaces/paint
- Balancer rope & stainless steel hook
- Sealed bearing
- Lubrication with food grease as per FDA
- Falling protection / spring fracture safety device (from 3 kg)



12 - 18 kg 26 - 40 lbs



25 - 105 kg 55 - 231 lbs



2 m 6.6 ft



F20-3...F35-3

Balancer Series 20-35 kg with 3 meter cable extension

Balancer specially developed to be used in the food industry for food processing

- balancer housing & drum made of corrosion-resistant aluminium pressure casting
- stable aluminium housing polished and unpainted – no risk of contamination by flaking surfaces/paint
- balancer rope & stainless steel hook
- sealed bearing
- lubrication with food grease as per FDA
- falling protection / spring fracture safety device (from 3 kg)



22 - 24 kg 48.5 - 53 lbs



15 - 35 kg 33 - 77 lbs



3 m 9.8 ft



F45-3...F100-3

Balancer Series 35-180 kg with 3 meter cable extension

Balancer specially developed to be used in the food industry for food processing

- balancer housing & drum made of corrosion-resistant aluminium pressure casting
- stable aluminium housing polished and unpainted – no risk of contamination by flaking surfaces/paint
- balancer rope & stainless steel hook
- sealed bearing
- lubrication with food grease as per FDA
- falling protection / spring fracture safety device (from 3 kg)



27 - 32.4 kg 60 - 71 lbs



35 - 100 kg 77 - 220 lbs



3 m 9.8 ft



STANDARD WERKZEUGE / STANDARD TOOLS

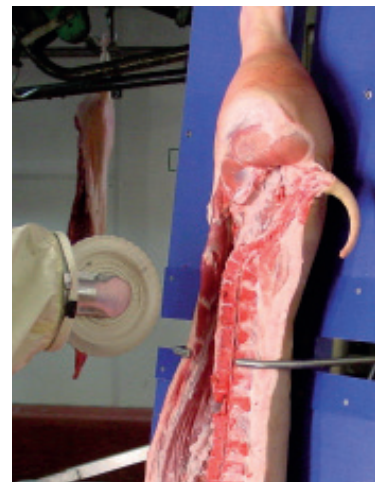
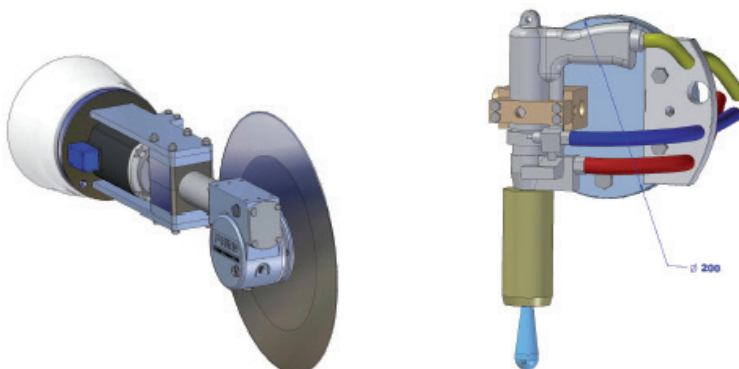
Standard power tools for the meat automation in slaughtering and meat cutting

Many FREUND hand machines are also designed (and used) as tools for use in automatic machines or in robots for the meat industry.

In this regard, FREUND regards itself as a partner of the plant engineer with special expertise relating to tools for the slaughtering & cutting industry.

By using FREUND standard tools, manufacturers of (semi-) automatic systems can shorten their product development times.

FREUND's global network of subsidiaries is available to offer you an after-sales service.



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TECHNICAL SUPPORT

To ensure as long and productive a service life as possible for your FREUND machines, we offer you comprehensive and diligent TECHNICAL SUPPORT.

Lower your operating costs via regular maintenance and repairs. With just one call, one email enquiry or via our website, you can access our network of service specialists.

Our qualified employees provide professional advice and support in a skilled, diligent, and timely manner.

Special tools and decades of industry experience allow for flawless repair work in accordance with food regulatory requirements. Only original parts and auxiliary materials approved by us are installed. Thanks to the updates that are directly accounted for in the repair process, your product always complies with the latest technological standards.

All of the information about the repair procedures is integrated into one set of documentation which is used to implement a continuous improvement process for the machine in product development. You can use this documentation to track the history of the machine and to obtain detailed information.

After repair work, you will receive a new test certificate in accordance with statutory provisions.

To ensure operational safety, we provide you with equivalent rental equipment for the duration of the repair work. Downtimes are minimised and you can produce seamlessly.

Our collection service will save you time and effort and guarantees secure packaging for the transport process.

We provide you with everything from a single source and with FREUND's technical support you're on the safe side.



We look forward to hearing from you:

Fon: +49 (5251) 1659 - 46

E-Mail: service@freund.eu

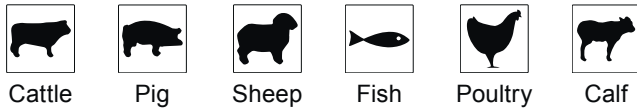


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ANIMAL SPECIES



ANIMALS PER WEEK

Trade	Medium plants	Industry
1 - 20	21 - 500	> 500
1 - 100	101 - 5.000	> 5.000
1 - 200	201 - 10.000	> 10.000

CARCASS (DEAD) WEIGHT

< 200 kg	200 - 400 kg	> 400 kg	
< 80 kg	80 - 120 kg	> 120 kg	
< 15 kg	15 - 25 kg	> 25 kg	

TECHNICAL DATA

Weight (of the tool)	Protection Class
Saw blade diameter	Drive type
Saw Blade / Cutting length	Pressure
Cutting depth	Power
Shear opening	Cable extension
Stroke	Tensile strength of cable

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