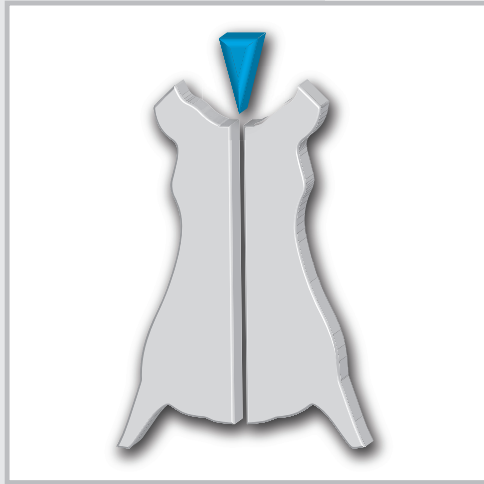
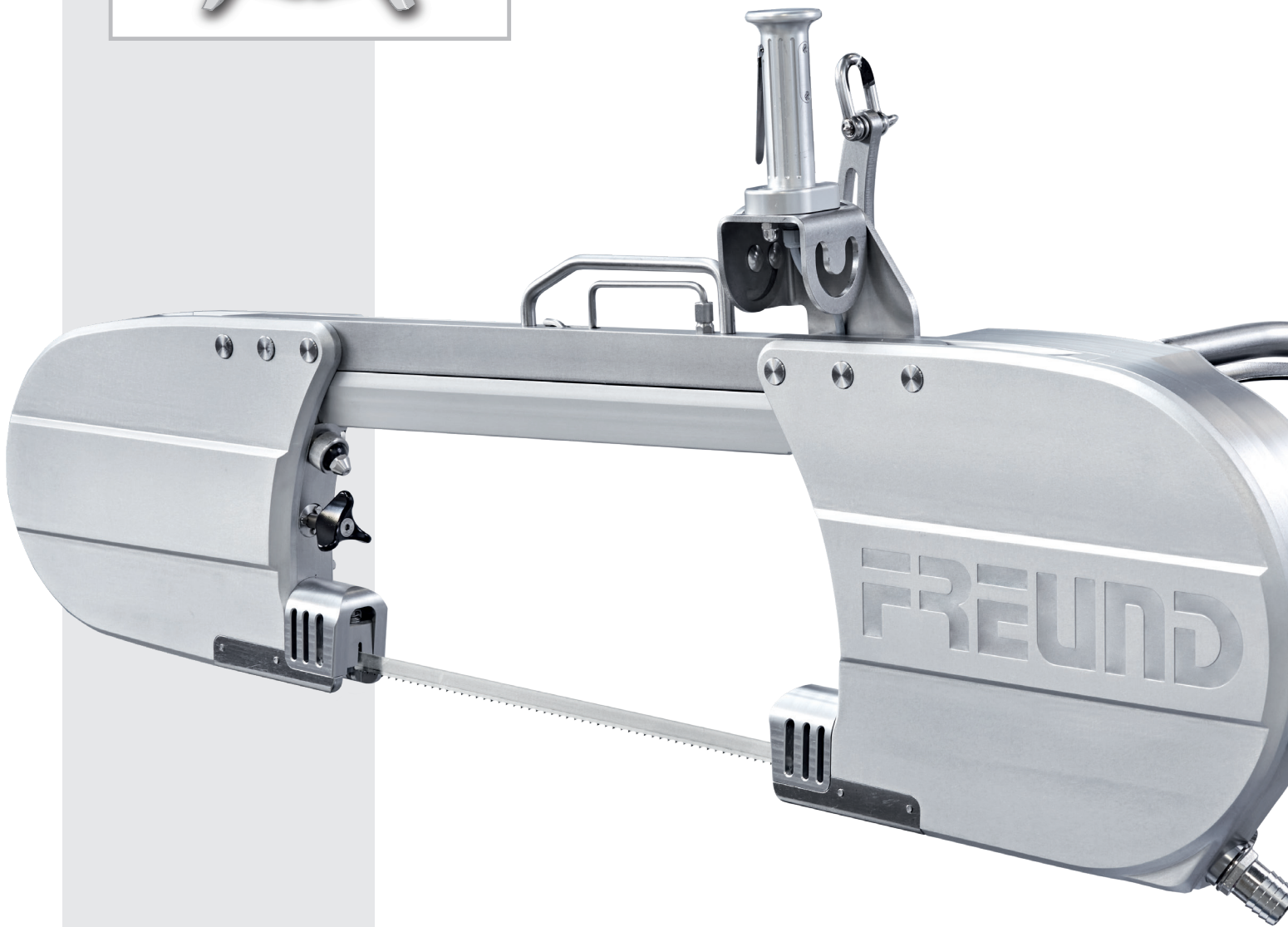




SLAUGHTERING



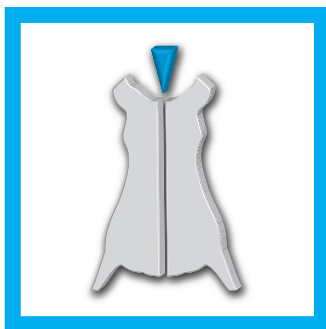
TRADITION + INNOVATION = FUTURE





SLAUGHTERING

SLAUGHTERING



The product group of ripsaws expands the FREUND machine range with state-of-the-art technology in the field of meat processing.

These machines are characterised by a robust design coupled with the most important features for optimum, user friendly operation in day-to-day slaughtering activities.

The saws are freely configurable and can be adapted accordingly to the needs of the user.

In technical matters, the FREUND service department will be happy to advise you.

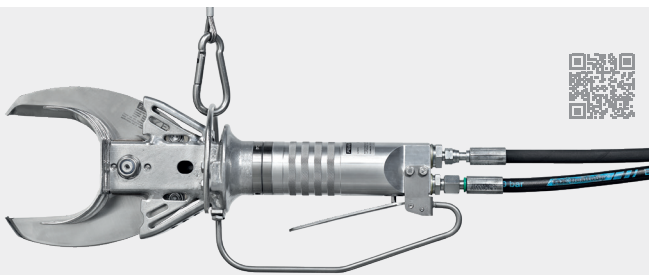
CONTENTS

	Feet / neck	4
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SLAUGHTERING

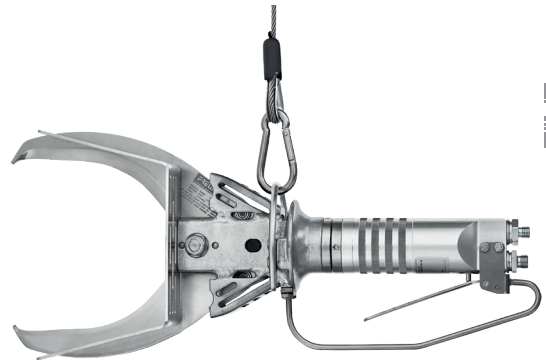
HYDRAULIC SHEARS



FNS9

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
- Also suitable for cutting the front feet of sows
- Perfect force distribution
- Excellent cut



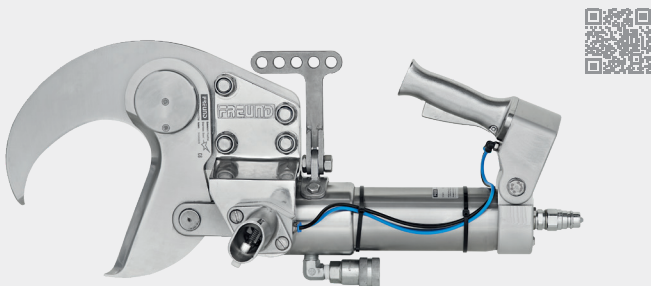
HDS15

Hydraulic shear for high throughput plants:

- General cutting up of pigs and sows
- Severing of complete sheep and goat heads
- Single-hand operation

TECHNICAL DATA

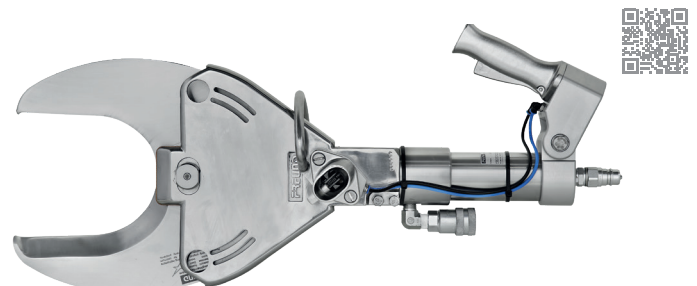
	FNS9	HDS15	HLS12	LS15
Weight (kg)	3,9	5,8	26,4	21,6
Shear opening (mm)	90	150	120	150
Pressure (bar)	6	6	3-8	3-8
	180	180	180	180
Drive type	Pneumatic/ hydraulic	Electric/ hydraulic	Electric/ hydraulic	Electric/ hydraulic



HLS12

Horn and leg shear for industrial slaughter chains for cattle

- With one fixed and one moveable blade respectively
- Adjustable handle for better ergonomics
- Two-hand safety switch



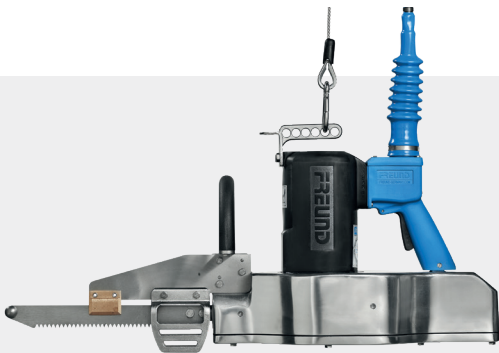
LS15

Leg shear for cattle and pigs in high throughput plants

- With two movable blades
- Two-hand safety switch
- Adjustable handles for better ergonomics

SLAUGHTERING

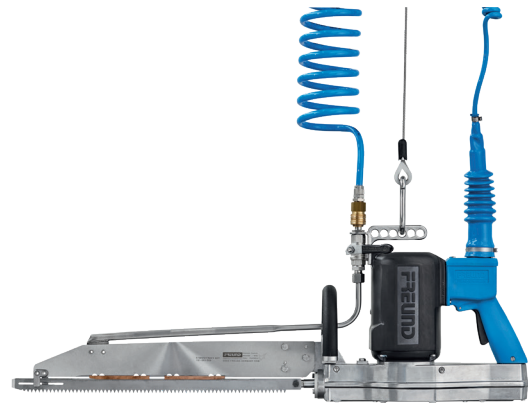
SPLITTER SAWS



BBH30-03

Reciprocating breastbone saw for slaughtering cattle and sows in high throughput plants

- Reciprocating saw blade, fine tooth, rust-free
- Spiral cable SK
- Round handle R (D type)
- Grease gun and 1 kg grease
- Control box, mounted



SST50-13

Reciprocating splitter saw for up to 2 cattle, 15 pigs or 50 sheep per week

- Suitable for trade
- Smallest reciprocating splitting saw of its kind with a completely enclosed three-phase motor
- 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

TECHNICAL DATA

	BBH30-03	SST50-13	SH60-03	BBKM25-06D
Weight (kg)	21,5	11,5	21,6	21
Diameter (mm)	-	-	-	250
Saw blade length (mm)	300	500	600	-
Cutting depth (mm)	-	-	-	85
Protection class	IP 65	IP 65	IP 65	IP 65
Drive type	electrical, 3-phase	electrical, 3-phase	electrical, 3-phase	electrical, 3-phase
Power	1300 Watt (50Hz)	950 Watt (50Hz)	1300 Watt (50Hz)	1300 Watt (50Hz)
	1,8 hp (50Hz)	1,3 hp (50Hz)	1,8 hp (50Hz)	1,8 hp (50Hz)



SH60-03

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

- Suitable for trade
- Reciprocating saw blade, coarse tooth, rust-free HUGZ600SP
- Spiral cable SK
- Round handle R (D type)
- Direct connection to contactor/transformer
- Water connection with spiral hose for cooling and rinsing the cutting surface
- including grease gun



BBKM25-06D

Circular brisket knife for slaughtering pigs and sheep in medium and high throughput plants

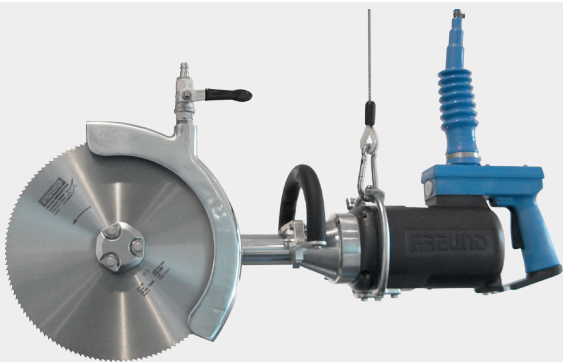
Benefits of the micro-serrated circular knife:

- 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

Optional:

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

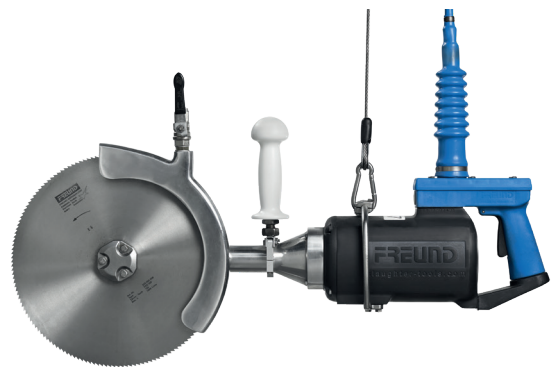
CIRCULAR SPLITTING SAWS



K28-03L

Circular splitting saw for slaughtering pigs and sheep in medium plants (without head)

- Mechanical motor brake MMB
- 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



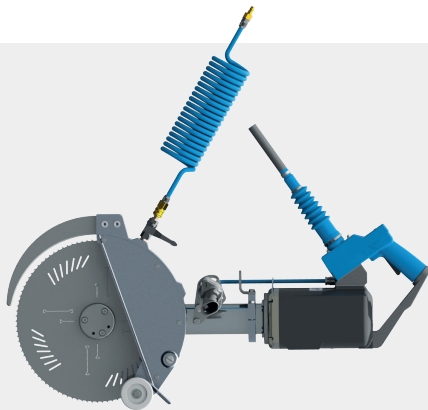
SK32-06L

Circular splitting saw for slaughtering pigs and sheep in medium plants (without head)

- 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

TECHNICAL DATA

	K28-03L	SK32-06L	SK40-08L	SK52-08L
Weight (kg)	14	19	36	41
Diameter (mm)	280	320	400	520
Cutting depth (mm)	100	120	145	205
Bore (mm)	52	52	70	70
Cutting speed (m/s)	19,3	22,1	18,85	24,5
Speed	22/s	22/s	15/s	15/s
Protection class	IP 65	IP 65	IP 65	IP 65
Drive type	electrical, 3-phase	electrical, 3-phase	electrical, 3-phase	electrical, 3-phase
Power	1300 Watt (50Hz)/VA 1,8 hp (50Hz)/VA	1800 Watt (50Hz)/VA 2,4 hp (50Hz)/VA	2300 Watt (50Hz)/VA 3,1 hp (50Hz)/VA	2300 Watt (50Hz)/VA 3,1 hp (50Hz)/VA



SK40-08L

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

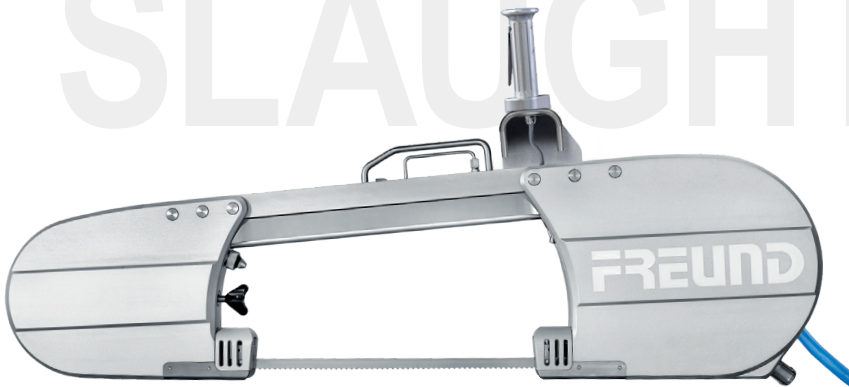


SK52-08L

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

SPLITTER BAND SAWS

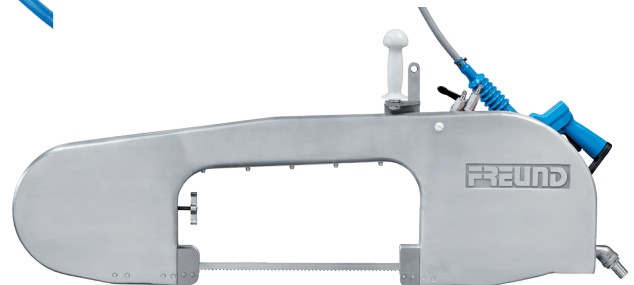


SB46-24

Splitter band saw for pigs and sheep in high throughput plants as well as for expansion brace slaughtering



- High cutting speed and long service life
- Very fast band saw blade replacement
- Significantly shorter familiarisation period
- 1-hand operation of the cover unit
- Significantly improved ergonomics and enhanced guide when cutting
- Cut surfaces with low levels of bonedust without final rinsing
- Tool-free exchange of the blade guide elements
- Simple precise belt tensioning system
- 2-hand safety switch with additional functionality
- Shift lever can be shifted in any hand position, ergonomic and easy to track
- 2nd front handle ergonomic and 90° tiltable



SB46-08

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)
- Manual blade tensioning system MAN
- lever blade guides HF
- Machine safety switch (cover sensor) MSS
- Water hose unit
- Inbuilt disinfection system DES-E
- incl. 5 replacement saw blades

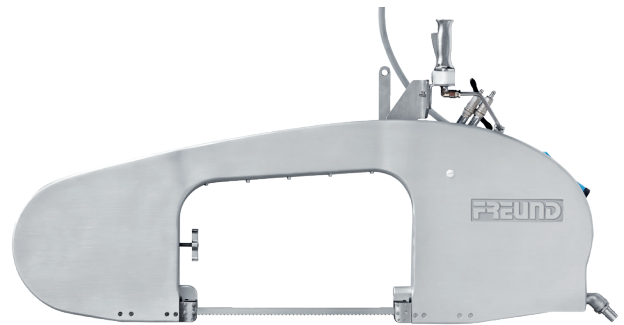
TECHNICAL DATA

	SB46-24	SB46-08	SB49-08	SB50-08
Weight (kg)	76	64	64	74
Cutting area (mm)	460	460	490	500
Cutting speed (m/s)	14,9	12,1	12,1	15,2
Protection class	IP 65	IP 65	IP 65	IP 65
Power	2200 Watt (50Hz)/VA 2,95 hp (50Hz)/VA	2300 Watt (50Hz)/VA 3,1 hp (50Hz)/VA	2300 Watt (50Hz)/VA 3,1 hp (50Hz)/VA	2300 Watt (50Hz)/VA 3,1 hp (50Hz)/VA



SB49-08

- Particularly suited to expansion brace slaughtering due to the low height (front: 300mm)
- Splitting of cattle is only possible with limitations for this reason
- Manual blade tensioning system MAN
- lever blade guides HF
- Machine safety switch (cover sensor) MSS
- Water hose unit
- Inbuilt disinfection system DES-E
- incl. 5 replacement saw blades



SB50-08

Splitter band saw for cattle and sows in high throughput plants

- Manual blade tensioning system MAN
- lever blade guides HF
- Machine safety switch (cover sensor) MSS
- Water hose unit
- Inbuilt disinfection system DES-E
- incl. 5 replacement saw blades

VACUUM SUCTION SYSTEM

VSS

Vacuum suction 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)
- Various hoses
- Hand pieces for different applications
- Vacuum pump* with optionally 100, 160 or 240 m³/h

Optionally also available as version:

- VSS-EDF, specifically for use with rectum cutter EDF64 or EDF76
- VSS-SCR, specifically for use with spinal cord remover-trimmer SCR

*Vacuum pump VP100-300 optionally available



SLAUGHTERING

HAND PIECES



VSS-VH38B



VSS-VH38G



VSS-VH38H



VSS-VH38E-2106



VSS-VH38I



SUCTION & VACUUM TRIMMERS



VAKUUM-TRIMMER35

Vacuum suction trimmer

- Application-optimised design
- Various blade types (straight ring blade, hook ring blade)
- Minimal downtime and servicing costs thanks to low-wear quality components
- Ergonomic handle with robust and abrasion-free plastic design
- Quiet operation minimises vibrations on the hand piece
- Optionally powered electrically or pneumatically



VAKUUM-TRIMMER52

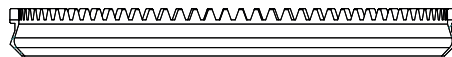
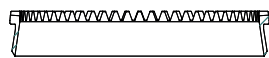
Vacuum trimmer

- Application-optimised design
- Easy handling thanks to spherical suction head
- Various blade types (straight ring blade, hook ring blade)
- Minimal downtime and servicing costs thanks to low-wear quality components
- Ergonomic handle with robust and abrasion-free plastic design
- Quiet operation minimises vibrations on the hand piece
- Optionally powered electrically or pneumatically

TECHNICAL DATA

	VAKUUM-TRIMMER35	VAKUUM-TRIMMER52
Diameter (mm)	35	52
Drive type	electrical or pneumatical	electrical or pneumatical
Power	250 Watt	250 Watt

RING BLADE SELECTION



■ A (straight)



■ B (hook)

APPLICATION

SLAUGHTERING	Ø 35 mm	Ø 52 mm	CUTTING	Ø 35 mm	Ø 52 mm
Vacuum suctioning / trimming tonsils in head	A 		Vacuum suctioning / trimming auricles	A 	
Vacuum suctioning / trimming spinal hole	A 	A 	Vacuum suctioning / trimming eyes	A 	
Cleaning / vacuum suctioning carcasses	A 		Cleaning / vacuum suctioning bones	A 	
Vacuum suctioning / trimming cover fat	A 	B	Deboning / vacuum suctioning long bones	A 	
Vacuum suctioning / trimming chest fat	B		Removing tendons in the shoulder		B
Removing / trimming heart fat		B			
Vacuum suctioning / trimming spinal cord	B	B			
Vacuum suctioning / trimming blood vessels	B	A  / B			
Vacuum suctioning / trimming leaf lard	B	B			
Vacuum suctioning / trimming filets		B 			

SLAUGHTERING

SCHERMER SPRAYS



BRAUSE Model "D"

Sprays for the food industry, agriculture and horticulture.

- High-quality processing and robust design
- Economical water consumption due to quick fastener
- Max temperature 90°C*
- Max. water pressure 6 bar
- Valve in plastic or metal design
- Available with and w/o 3/4" or 1/2" connection
- Housing and standard sieve in 3 colours to choose from



BRAUSE Model "E"

Spray with adjustable spray nozzle for the food industry, agriculture and horticulture

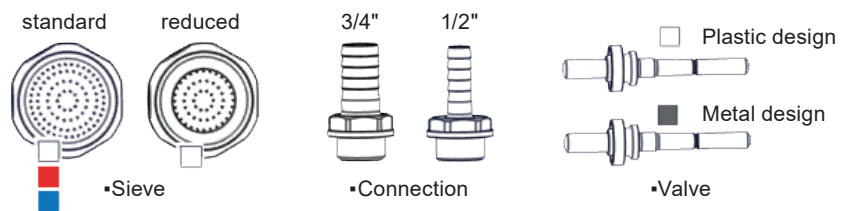
- High-quality processing and robust design
- Adjustable water outlet for jet or spray
- Max temperature 90°C*
- Max. water pressure 6 bar
- Valve in metal design
- Available with and w/o 3/4" or 1/2" connection

* Food-safe plastic complies with Regulation 10/2011 and metal connections comply with the drinking water ordinance (Trinkwasserverordnung)

TECHNICAL DATA

BRAUSE

	Model "D"	Model "E"	Model "F"	Model "H"
Weight (kg)	0,4	0,6	0,5	0,8
Length (mm)	180	205	220	365
Diameter (mm)	44	6	4,8	15



BRAUSE Model "F"

Spray with spray nozzle for the food industry, agriculture and horticulture

- High-quality processing
- Efficiently bundled jet
- Max temperature 90°C*
- Max. water pressure 6 bar – diameter 5 mm
- Valve in plastic design
- Available with and w/o 3/4" or 1/2" connection



BRAUSE Model "H"

Spray with elongated nozzle for the slaughtering industry

- High-quality processing
- Max temperature 90°C*
- Max. water pressure 6 bar
- Valve in metal design
- Available with and w/o 3/4" or 1/2" connection

SLAUGHTERING

SPRING BALANCERS



SPRING BALANCERS WITH CABLE EXTENSIONS UP TO 3,0 M

TYPE		CABLE EXTENSION		BALANCING RANGE		WEIGHT, GROSS		PART NO.
		m	ft	kg	lbs	kg	lbs	
F20-3SK	S	3	10	15-20	33-44	19	42	920-470-100
F25-3		3	10	20-25	44-56	20	44	920-471-000
F35-3	S	3	10	25-35	56-78	21	46	920-472-000
F45-3	S	3	10	35-45	78-100	24	53	920-473-000
F50-3	S	3	10	40-50	89-111	24	53	920-474-000
F60-3	S	3	10	50-60	111-133	25	56	920-475-000
F70-3	S	3	10	60-70	133-156	27	60	920-476-000
F80-3		3	10	70-80	156-178	28	62	920-477-000
F90-3	S	3	10	80-90	178-200	29	64	920-478-000
F100-3	S	3	10	80-100	178-222	29	64	920-479-000
F115-3		3	10	100-115	222-253	40	88	920-480-000
F130-3		3	10	115-130	253-260	40	88	920-481-000
F140-3		3	10	130-140	260-308	43	95	920-482-000
F150-3		3	10	140-150	308-330	46	100	920-483-000
F160-3		3	10	150-160	330-352	49	108	920-484-000
F180-3		3	10	160-180	352-396	50	110	920-485-000

TECHNICAL SUPPORT

OPTIMUM PLANNING

Excellent service is an important factor for customer loyalty – all of us at FREUND embody this belief. Whether it's maintenance, complaints or repairs – efficient service processes not only ensure satisfied customers, but also set us apart from the competition thanks to the comprehensive and meticulous technical service we offer.

PROFESSIONAL SERVICE

The basis for optimum service is the precise planning and handling of all our service offers. Based on a history of your existing machines, our team members are highly knowledgeable when it comes to your FREUND machines. In compliance with statutory requirements, you will receive a test certificate after any repair work.

ARRANGING AN APPOINTMENT

When a service request is received, our service team members immediately see which equipment is available and when. To ensure operational safety, we provide you with equivalent rental equipment for the duration of the repair work. Service lives are lengthened and downtimes are minimised, which has a positive impact on the life of FREUND machines and ensures a faultless production process. Our collection service will also save you time and effort and guarantees secure packaging for the transport process.

SERVICING

Special tools and decades of industry experience allow for flawless repair work in accordance with technical requirements. Only original parts and auxiliary materials are used - all of which have been approved via our in-house quality control. Thanks to the updates that are directly accounted for in the repair process, your product always complies with the latest technological standards.

Lower your operating costs via regular maintenance and repairs.

DIVERSE SERVICE PORTFOLIO

Multiple tasks can be entered for a service order. Such tasks are assigned to our service team. Our qualified employees provide professional advice and support, which is carried out in a skilful manner, on time and carefully according to our company philosophy.

You can reach our technical service via the following channels.:

Phone: +49 (5251) 1659-46

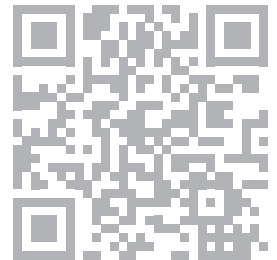
E-Mail: service@freund.eu



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