



Die Luftschlitze beidseitig am Motor sind vor Schmutz
freizuhalten - der Motor darf nicht in Wasser getaucht
werden, da sonst Unfallgefahr durch elektrische Erwärkung.
The air vents on both sides of the motor should be kept
clean - do not immerse the motor in water as otherwise
danger of accident by electric shock.
Les ventilations d'air aux deux cotés du moteur sont à
maintenir - ne pas immerger le moteur dans l'eau, à cause du
danger d'accident par un coup de courant.

Product catalog

EFA - The Complete Machinery Program
for Slaughtering and Processing

www.efa-germany.com



Product catalog

EFA - the complete machine program for
slaughtering and cutting

EFA Meat Processing Power

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1. ANESTHESIA

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LEGEND



E = Electronic
 D = Compressed
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LEGEND



E = Electronic
D = Compressed air



Who we are

After the Schmid & Wezel company was founded in 1919, the BIAX brand was created in 1921, derived from the original product, the flexible shaft (Biegsame AXchse).

In the 1930s, BIAX product technology and experience from the development and production of hand-held tools for metalworking was transferred to meat processing applications. This gave rise to the product line with the brand name "EFA", short for "Electric Flying Apparatus", which describes the characteristic of the machines to hang ready to hand on spring balancers and to be moved easily and quickly despite their high weight.



Former company building 1923, Maulbronn

For over 100 years, Schmid & Wezel has stood for the highest quality and exemplary service.

The "BIAX" and "EFA" brands are highly regarded internationally in their respective segments; "EFA" even has a leading position on the global market in the slaughtering and cutting sector.

Innovative product solutions, high processing quality, comprehensive service and the long availability of spare parts enable an exceptionally long service life for EFA products, often over 20 years. At "EFA", "Made in Germany" is a promise of quality for sustainable, reliable and always up-to-date products.

Based on our tradition, we will do everything we can today and in the future to continue to offer suitable product solutions and expand our position in the global market. Our network of EFA dealers around the world, with whom we have a long-standing partnership, are a guarantee of this. Schmid & Wezel has been certified according to DIN EN ISO 9001:2015 since 1997.

As a solid medium-sized company with a contemporary corporate structure, up-to-date machinery and loyal, motivated and highly valued permanent staff, we look to the future with confidence.



Company building since December 2003

Quality and service

The continuous development of the product range by an experienced design team in close cooperation with specialists from the meat technology sector, specialist institutes and our customers as well as competent and long-standing specialists in production guarantee the efficiency and consistently high quality of our products.

In addition to competent support and advice from trained specialists all over the world, we offer our customers a comprehensive range of specialist services, the rapid implementation of maintenance, servicing and repair work, product, repair or user training and the prompt and long-term provision of spare parts and accessories.

The BSFZ seal is made available exclusively to companies that carry out research and development within the meaning of the Research Allowance Act. The focus is currently on the following areas:

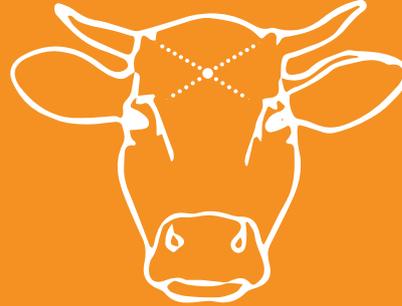
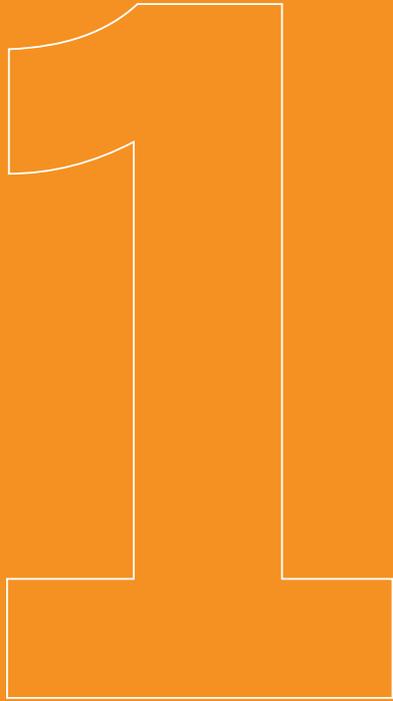
- Oil-free pneumatics
- Animal welfare
- Slaughter safety
- Robotics



Made in Germany



ANESTHESIA



**IN ACCORDANCE WITH EU
REGULATION
NO. 1099/2009 "ON THE
PROTECTION
OF ANIMALS AT THE TIME OF
KILLING".**



PNEUMATIC LIVESTOCK STUNNING DEVICES

1.1



VB 316 Cattle stunning device



Technical data

Operating pressure	cash	14
Air consumption per shot	l	20
Compressed air connection	Custo ms	R 3/8"
Firing pin Ø	mm	14,5
Impact depth	mm	121
Dimensions (LxWxH)	mm	458 x 291 x 447
Weight	kg	22,2
Performance		80 - 90 animals per hour for cattle over 900 kg

Compressed air-driven, high-performance penetrating stunning device for cattle, bulls, steers and cows; for medium and large farms

- Easy handling Fast firing
- sequence
- Best stunning results
- Rebound-free
- Safe operation thanks to double safety device
- Easy to repair, simple maintenance Minimal
- maintenance costs (no cartridges)



Scope of delivery

Type	Order no.	Description
EFA VB 316	130109671	Cattle stunning device for cattle, bulls, steers and cows with pin return

*Accessories

Order no.	Description	**Illustration
001366926	Compressed air spiral hose, 5 m	
001620088	Standard spring balancer, cable length 2 m, load range 15 - 25 kg	
001374005	Maintenance unit R1/2", operating pressure up to 20 bar	
001606894	Compressor without maintenance unit 400 V, 50 Hz	
001365612	Special oil, 5 l (for maintenance unit)	
001984301	VBDK compressed air monitoring unit	
008011633	MEVB 100 measuring and testing device	
003013881	Adapter for VB 316 (please order with MEVB 100 measuring and testing device)	
007899595	Maintenance set for EFA VB 316	

* Not included in the basic scope of delivery

** Illustrations may differ



EFA VB 215 cattle stunning device



Technical data

Operating pressure	cash	12
Air consumption per shot	l	12
Compressed air connection	Custo ms	R 3/8"
Firing pin Ø	mm	12
Impact depth	mm	101
Dimensions (L x W x H)	mm	320 x 230 x 380
Weight	kg	12
Performance		
70 - 80 animals per hour for cattle and calves under 900 kg		

Compressed air-driven, high-performance penetrating stunning device for cattle, horses, calves and pigs; for medium-sized and large companies.

- Easy handling Fast firing
- sequence
- Best stunning results
- Rebound-free
- Safe operation thanks to double safety device
- Easy to repair, simple maintenance Minimal
- maintenance costs (no cartridges)



Scope of delivery

Type	Order no.	Description
EFA VB 215	130109610	Cattle stunning device for cattle, horses and calves

*Accessories

Order no.	Description	**Illustration
001366926	Compressed air spiral hose, 5 m	
001620018	Standard spring balancer, cable extension 2 m, load range 9-14 kg	
007015458	Compressor vst. with maintenance unit 400 V 50 Hz	
001365612	Special oil, 5 l (for maintenance unit)	
001984301	VBDK compressed air monitoring unit	
008011633	MEVB 100 measuring and testing device	
003011372	Adapter for VB 215 (please order for MEVB 100 measuring and testing device)	
007899571	Maintenance set for EFA VB 215	

* Not included in the basic scope of delivery

** Illustrations may differ



EFA VB 225 cattle stunning device



Technical data

Operating pressure	bar	12
Air consumption per shot	l	14
Compressed air connection	inch	R 3/8"
Firing pin Ø	mm	56
Dimensions (L x W x H)	mm	320 x 230 x 380
weight	kg	16,5
Performance		
70 - 80 animals per hour for cattle and calves under 900 kg		

Compressed air-operated, non-penetrating high-performance stunner for cattle, horses, calves and sheep; for medium-sized and large companies.

- Easy handling Fast firing
- sequence
- Best stunning results Rebound-free
- Safe operation thanks to double safety device
- Easy to repair, simple maintenance Minimal
- maintenance costs (no cartridges)



Scope of delivery

Type	Order no.	Description
EFA VB 225	130109621	Non-penetrating cattle stunning device for cattle, horses and calves

*Accessorie

Order no.	Description	**Illustration
001366926	Compressed air spiral hose, 5 m	
001620018	Standard spring balancer, cable extension 2 m Load range 9-14 kg	
007015458	Compressor vst. with maintenance unit 400 V 50 Hz	
001365612	Special oil, 5 l (for maintenance unit)	
001984301	VBDK compressed air monitoring unit	
008011633	MEVB 100 measuring and testing device	
003011370	Adapter for VB 215 (please order for MEVB 100 measuring and testing device)	
007899572	Maintenance set for EFA VB 225	

* Not included in the basic scope of delivery

** Illustrations may vary



VBDK compressed air monitoring unit



Technical data

Nominal voltage	V	230
Frequency Power	Hz	50
Max. permissible operating pressure	W	35
Weight	cas h	16
Pneumatic connections	kg	4,5
Silencer connection	Cus	3/8"
Housing dimensions (LxWxH)	tom	1/2"
Protection class	S mm Cus	300 x 200 x 80
Protection class	t 0m	67
	s	l

VBDK Livestock stunning pressure control unit for all compressed air-operated EFA stunning devices with recording.

- Accurate pressure check and clear function display
- Robust and reliable system
- Simple setup and operation
- Automatic storage of up to 100,000 stunning procedures (data records) on the device
- Data records with date, time and pressure curve
- Adaptable to different power grids

Scope of delivery

Type	Order no.	Description
VBDK	001984301	VBDK compressed air monitoring unit



MEVB 100 measuring and testing device



Technical data

Power supply	V	1.5 (4 AA cells)
Weight	kg	approx. 15

MEVB 100 Measuring and testing device for all pneumatic EFA livestock stunning devices.

- For measuring the exact speed of the penetrating bolt shot
- For testing the effectiveness within the tolerances Easy
- handling

Scope of delivery

Type	Order no.	Description
MEVB 100	008011633	MEVB 100 measuring and testing device

*Accessorie

Order no.	Description	**Illustration
003011372	Adapter for VB 215 (Please order with the MEVB 100 measuring and testing device)	
003011370	Adapter for VB 225 (Please order with the MEVB 100 measuring and testing device)	
003013881	Adapter for VB 316 (Please order with the MEVB 100 measuring and testing device)	

* Not included in the basic scope of delivery

** Illustrations may vary

FRONTMATEC

accles & SHELVOKE



PROVEN QUALITY: THE PRODUCTS OF ACCLES & SHELVOKE/FRONTMATEC° AT SCHMID & WEZEL GMBH

Schmid & Wezel GmbH is the sales partner of Accles & Shelvoke/FRONTMATEC° for Germany and other countries that are not served by local sales partners. Schmid & Wezel GmbH offers not only the performance of the regularly prescribed inspections of the devices in accordance with DGUV regulation 56, §30, but also maintenance, repair and spare parts deliveries, as well as the entire CASH° range of Accles & Shelvoke/FRONTMATEC° stunners.

The cartridges are made by ELEY, known as the manufacturer of the world's best small-caliber ammunition.

Accles & Shelvoke", "FRONTMATEC", "CASH" and the type designations of the appliances are registered trademarks of Accles & Shelvoke, U.K./FRONT- MATEC U.K.

BOLT GUNS

1.2



CASH° Magnum bolt-action rifle



Technical data

		CASH° Magnum cal. .22	CASH° Magnum cal. .25
Length	mm	370	370
Width (widest point)	mm	60	60
Weight	kg	2,8	2,8
Sound pressure level weighted with "A" Level at the workplace	dB	87	87
Sound power level weighted with "A"	dB	81	81
Top emission rated with "C"	dB	119	119
Caliber		.22	.25

A penetrating bolt-action rifle in proven and tested quality from Accles&Shelvoke/FRONTMATEC°, available in .22 and .25 caliber

- Suitable for different animal species and sizes due to suitable selection of suitable cartridges (see overview) Automatic bolt
- return
- Manual shot release mechanism (trigger)
- Easy handling, fast charging Proven ergonomic design
- Robust construction and reliable performance
- Low maintenance costs
- CIP-approved cartridges



Scope of delivery

Type	Order no.	Description
CASH® Magnum	130109800	Captive bolt pistol .22 caliber with cleaning tools and maintenance instructions
CASH® Magnum	130109840	Captive bolt pistol .25 caliber with cleaning tools and maintenance instructions

Ammunition overview .22 caliber for order no. 130109800

Areas of application	Cartridges	Propellant charge	Packaging unit	Order no.	
Very heavy animals / Heavy sows and boars	.22 black	4.50 Grain	1,000 pcs.	001 971 832	
heavy animals / Bulls, heavy pigs	.22 red	4.00 Grain	1,000 pcs.	001 971 830	
Medium weight / Cattle, pigs	.22 green	3.00 Grain	1,000 pcs.	001 971 831	
Light animals	/ goats, rams, rams, female sheep)	.22 purple	2.50 Grain	1,000 pcs.	001 983 802
	/ Young pigs, lambs, female sheep	.22 pink	1.25 Grain	1,000 pcs.	001 983 801
	/ Piglets, small lambs, poultry	.22 brown	1.00 Grain	1,000 pcs.	001 973 942

Ammunition overview .25 caliber for order no. 130109840

Areas of application	Cartridges	Propellant charge	Packaging unit	Order no.	
Extremely heavy animals / Very heavy sows and boars	.25 green	4.50 Grain	1,000 pcs.	001 973 937	
Very heavy animals / Heavy sows and boars	.25 black	4.00 Grain	1,000 pcs.	001 973 936	
heavy animals / Bulls, heavy pigs	.25 orange	3.50 Grain	1,000 pcs.	001 983 807	
Medium weight / Cattle, pigs	.25 blue	3.00 Grain	1,000 pcs.	001 983 806	
Light animals	/ Small cattle, young pigs, goats, rams, rams, female sheep	.25 yellow	2.00 Grain	1,000 pcs.	001 983 805
	/ Calves, piglets, lambs, small female sheep	.25 pink	1.25 Grain	1,000 pcs.	001 983 804



CASH° Magnum Long Bolt bolt-action rifle



Technical data

Length	mm	395
Width (widest point)	mm	60
Weight	kg	3,05
Sound pressure level weighted with "A" Level at the workplace	dB	87
Sound power level weighted with "A"	dB	81
Top emission rated with "C"	dB	119
Caliber		.25

High penetration, penetrating bolt gun in proven and tested quality from Accles&Shelvoke/FRONTMATEC°.

- Suitable for different animal species and sizes thanks to the appropriate selection of suitable cartridges (see overview)
- Automatic stud return
- Manual shot release mechanism (trigger) Easy handling, fast loading Proven ergonomic design
- Robust construction and reliable performance
- Low maintenance costs
- CIP-approved cartridges



Scope of delivery

Type	Order no.	Description
CASH® Magnum Long Bolt	130109910	Captive bolt pistol .25 caliber with cleaning tools and maintenance instructions

Ammunition overview .25 caliber

Areas of application		Cartridges	Propellant charge	Packaging unit	Order no.
Extremely heavy animals	/ Very heavy sows and boars	.25 green	4.50 Grain	1,000 pcs.	001 973 937
Very heavy animals	/ Heavy sows and boars	.25 black	4.00 Grain	1,000 pcs.	001 973 936
heavy animals	/ Bulls, heavy pigs	.25 orange	3.50 Grain	1,000 pcs.	001 983 807
Medium weight	/ Cattle, pigs	.25 blue	3.00 Grain	1,000 pcs.	001 983 806
Light animals	/ Small cattle, young pigs, goats, rams, rams, female sheep	.25 yellow	2.00 Grain	1,000 pcs.	001 983 805
	/ Calves, piglets, lambs, small female sheep	.25 pink	1.25 Grain	1,000 pcs.	001 983 804



CASH° Cowpuncher bolt gun



Technical data

Length	mm	265
Width (widest point)	mm	60
Weight	kg	2.8 kg
Sound pressure level weighted with "A" Level at the workplace	dB	86
Sound power level weighted with "A"	dB	80
Top emission rated with "C"	dB	120
Caliber		.25

Contact-activated and powerful penetrating captive bolt stunner for stunning cattle in proven and tested quality from Accles&Shelvoke/Frontmatec°.

- Suitable for different animal sizes by selecting suitable cartridges (see overview)
- Telescopic pole "Long Handle" available (e.g. for use in traps with transfer)
- Automatic stud return Easy handling, fast loading
- Proven ergonomic design with inline grip to reduce recoil
- Robust construction and reliable performance
- Low maintenance costs
- CIP-approved cartridges



Scope of delivery

Type	Order no.	Description
CASH ^o Cowpuncher	130109920	Captive bolt pistol .25 caliber with cleaning tools and maintenance instructions

*Accessorie

Order no.	Description	**Illustration
001974190	Cowpuncher telescopic pole "Long Handle"	

Ammunition overview .25 caliber

Areas of application	Cartridges	Propellant charge	Packaging unit	Order no.
exceptionally heavy animals	.25 red	6.00 Grain	1,000 pcs.	001 971 833
Extremely heavy animals	.25 green	4.50 Grain	1,000 pcs.	001 973 937
Very heavy animals	.25 black	4.00 Grain	1,000 pcs.	001 973 936
heavy animals	.25 orange	3.50 Grain	1,000 pcs.	001 983 807
Medium weight	.25 blue	3.00 Grain	1,000 pcs.	001 983 806
Light animals	.25 yellow	2.00 Grain	1,000 pcs.	001 983 805

* Not included in the basic scope of delivery** Illustrations may vary



CASH° Magnum XL bolt-action rifle



Technical data

Length	mm	385
Height (widest point)	mm	190
Width (widest point)	mm	60
Weight	kg	3,4
Sound pressure level weighted with "A" Level at the workplace	dB	86
Sound power level rated with "A"	dB	80
Peak emission rated "C"	dB	120
Caliber		.25

The most powerful penetrating captive bolt stunner for stunning exceptionally heavy animals in proven and tested quality from Accles&Shelvoke/FRONTMATEC°.

- Suitable for different animal species and exceptionally large or heavy animals by selecting suitable cartridges with a high propellant charge (see overview)
- Manual stud return
- Manual shot release mechanism (trigger) Easy handling, fast loading Proven ergonomic design
- Robust construction and reliable performance
- Low maintenance costs
- CIP-approved cartridges



Scope of delivery

Type	Order no.	Description
CASH® Magnum XL	130109860	Bolt gun XL caliber .25 with cleaning tools and maintenance instructions

Ammunition overview .25 caliber

Areas of application		Cartridges	Propellant charge	Packaging unit	Order no.
exceptionally heavy animals	Extremely thick bone plate	.25 red	6.00 Grain	1,000 pcs.	001 971 833
Extremely heavy animals	Very thick bone plate	.25 green	4.50 Grain	1,000 pcs.	001 973 937
Very heavy animals	Thick bone plate	.25 black	4.00 Grain	1,000 pcs.	001 973 936



CASH° Magnum Concussion bolt-action rifle



Technical data

Length	mm	365
Width (widest point)	mm	60
Weight	kg	2,6
Sound pressure level weighted with "A" Level at the workplace	dB	94
Sound power level weighted with "A"	dB	88
Top emission rated with "C"	dB	120
Caliber		.25

Non-penetrating captive bolt stunner in proven and tested quality from Accles&Shelvoke/Frontmatec°.

- Suitable for different animal species and sizes thanks to the appropriate selection of suitable cartridges (see overview)
- Manual stud return
- Manual shot release mechanism (trigger) Easy
- handling, fast loading Proven ergonomic design
- Robust construction and reliable performance
- Low maintenance costs
- CIP-approved cartridges



Scope of delivery

Type	Order no.	Description
CASH® Magnum Concussion	130109830	Non-penetrating bolt gun, .25 caliber with cleaning tools and maintenance instructions

Ammunition overview .25 caliber

Areas of application		Cartridges	Propellant charge	Packaging unit	Order no.
exceptionally heavy animals		.25 red	6.00 Grain	1,000 pcs.	001 971 833
Extremely heavy animals		.25 green	4.50 Grain	1,000 pcs.	001 973 937
Very heavy animals	/ Heavy sows and boars	.25 black	4.00 Grain	1,000 pcs.	001 973 936
heavy animals	/ Bulls, heavy pigs	.25 orange	3.50 Grain	1,000 pcs.	001 983 807
Medium weight	/ Cattle, pigs	.25 blue	3.00 Grain	1,000 pcs.	001 983 806
Light animals	/ Small cattle, young pigs, goats, rams, rams, female sheep	.25 yellow	2.00 Grain	1,000 pcs.	001 983 805
	/ Calves, piglets, lambs, small female sheep	.25 pink	1.25 Grain	1,000 pcs.	001 983 804



CASH° Special captive bolt stunner

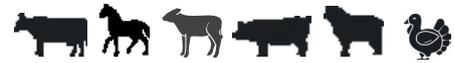


Technical data

		CASH° Special cal. .22	CASH° Special cal. .25
Length	mm	270	270
Height	mm	190	190
Width	mm	50	50
Weight	kg	2,8	2,8
Sound pressure level weighted with "A" Level at the workplace	dB	82	83
Sound power level weighted with "A"	dB	87	89
Top emission rated with "C"	dB	119	119
Caliber		.22	.25

Penetrating bolt-action rifle with pistol grip in proven and tested quality from Accles&Shelvoke/Frontmatec°, available in .22 and .25 caliber.

- Suitable for different animal species and sizes thanks to the appropriate selection of suitable cartridges (see overview)
- Automatic stud return
- Manual shot release mechanism (trigger) Easy
- handling, fast loading
- Proven ergonomic design with antibacterial composite material handle
- Robust construction and reliable performance
- Low maintenance costs
- CIP-approved cartridges



Scope of delivery

Type	Order no.	Description
CASH° SpecialHD	130109810	Bolt gun with pistol grip, caliber .22 with cleaning tools and maintenance instructions
CASH° Special	130109870	Bolt gun with pistol grip, caliber .25 with cleaning tools and maintenance instructions

Ammunition overview .22 caliber for order no. 130109810

Areas of application		Cartridges	Propellant charge	Packaging unit	Order no.
heavy animals	/	Bulls, heavy pigs	.22 red	4.00 Grain	1,000 pcs. 001 971 830
Medium weight	/	Cattle, pigs	.22 green	3.00 Grain	1,000 pcs. 001 971 831
	/	Goats, rams, rams, light cattle	.22 purple	2.50 Grain	1,000 pcs. 001 983 802
Light animals	/	Young pigs, lambs, female sheep, calves	.22 pink	1.25 Grain	1,000 pcs. 001 983 801
	/	Piglets, small lambs, poultry	.22 brown	1.00 Grain	1,000 pcs. 001 973 942

Ammunition overview .25 caliber for order no. 130109870

Areas of application		Cartridges	Propellant charge	Packaging unit	Order no.
heavy animals	/	Heavy pigs	.25 orange	3.50 Grain	1,000 pcs. 001 983 807
Medium weight	/	Cattle, pigs	.25 blue	3.00 Grain	1,000 pcs. 001 983 806
Light animals	/	Small cattle, young pigs, goats, rams, rams, female sheep	.25 yellow	2.00 Grain	1,000 pcs. 001 983 805
	/	Calves, piglets, lambs, small female sheep	.25 pink	1.25 Grain	1,000 pcs. 001 983 804



CASH° Special XL captive bolt stunner



Technical data

Length	mm	290
Height	mm	190
Width	mm	50
Weight	kg	3,19
Sound pressure level weighted with "A" Level at the workplace	dB	89
Sound power level weighted with "A"	dB	89
Top emission rated with "C"	dB	119
Caliber		.25

Penetrating captive bolt stunner with pistol grip for heavy animals in proven and tested quality from Accles&Shelvoke/FRONTMATEC°.

- Suitable for different animal species and sizes thanks to the appropriate selection of suitable cartridges (see overview)
- Automatic stud return
- Manual shot release mechanism (trigger) Easy
- handling, fast loading
- Proven ergonomic design with antibacterial composite material handle
- Robust construction and reliable performance
- Low maintenance costs
- CIP-approved cartridges



Scope of delivery

Type	Order no.	Description
CASH® Special XL	130109900	Bolt gun with pistol grip, XL caliber .25 with cleaning tools and maintenance instructions

Ammunition overview .25 caliber

Areas of application		Cartridges	Propellant charge	Packaging unit	Order no.
Extremely heavy animals	/	Very heavy sows and boars	.25 green	4.50 Grain	1,000 pcs. 001 973 937
Very heavy animals	/	Heavy sows and boars	.25 black	4.00 Grain	1,000 pcs. 001 973 936
heavy animals	/	Bulls, heavy pigs	.25 orange	3.50 Grain	1,000 pcs. 001 983 807
Medium weight	/	Cattle, pigs	.25 blue	3.00 Grain	1,000 pcs. 001 983 806
Light animals	/	Small cattle, young pigs, goats, rams, rams, female sheep	.25 yellow	2.00 Grain	1,000 pcs. 001 983 805
	/	Calves, piglets, lambs, small female sheep	.25 pink	1.25 Grain	1,000 pcs. 001 983 804



CASH° Special Concussion



Technical data

		CASH° Special Concus- sion Cal. .22	CASH° Special Concus- sion .25 caliber
Length	mm	285	285
Height	mm	190	190
Width	mm	50	50
Weight	kg	3	3
Sound pressure level weighted with "A" Level at the workplace	dB	82	83
Sound power level weighted with "A"	dB	87	89
Top emission rated with "C"	dB	119	119
Caliber		.22	.25

Non-penetrating bolt-action rifle with pistol grip in proven and tested quality from Accles&Shelvoke/Frontma-TEC°, available in .22 and .25 caliber.

- Suitable for different animal species and sizes thanks to the appropriate selection of suitable cartridges (see overview)
- Automatic stud return
- Manual shot release mechanism (trigger) Easy
- handling, fast loading
- Proven ergonomic design with antibacterial composite material handle
- Robust construction and reliable performance
- Low maintenance costs
- CIP-approved cartridges



Scope of delivery

Type	Order no.	Description
CASH° Special Concussion	130109880	Non-penetrating bolt-action rifle with pistol grip, Caliber .22 with cleaning tools and maintenance instructions
CASH° Special Concussion	130109890	Non-penetrating bolt-action rifle with pistol grip, Caliber .25 with cleaning tools and maintenance instructions

Ammunition overview .22 caliber for order no. 130109880

Areas of application	Cartridges	Propellant charge	Packaging unit	Order no.
/ Goats, rams, rams, female sheep	.22 purple	2.50 Grain	1,000 pcs.	001 983 802
/ Young pigs, lambs, female sheep	.22 pink	1.25 Grain	1,000 pcs.	001 983 801
/ Piglets, small lambs, poultry	.22 brown	1.00 Grain	1,000 pcs.	001 973 942

Ammunition overview .25 caliber for order no. 130109890

Areas of application	Cartridges	Propellant charge	Packaging unit	Order no.
/ Young pigs, goats, rams, rams, female sheep, lambs	.25 yellow	2.00 Grain	1,000 pcs.	001 983 805
/ Young pig, piglets, lambs, female sheep	.25 pink	1.25 Grain	1,000 pcs.	001 983 804



CASH° Small Animal Tool



Technical data

Length	mm	315
Width	mm	50
Weight	kg	1,5
Sound pressure level weighted with "A" Level at the workplace	dB	83
Sound power level rated with "A"	dB	77
Peak emission rated "C"	dB	119
Caliber		.22

Non-penetrating captive bolt stunner for small animals in proven and tested quality from Accles&Shelvoke/Frontmatec- TEC°.

- Automatic stud return
- Manual shot release mechanism (trigger) Easy handling, fast loading Proven ergonomic design
- Robust construction and reliable performance
- Low maintenance costs
- CIP-approved cartridges

Scope of delivery

Type	Order no.	Description
CASH° Poultry	130109850	Captive bolt pistol .22 caliber with cleaning tools and maintenance instructions

Ammunition overview for .22 caliber

Areas of application	Cartridges	Propellant charge	Packaging unit	Order no.
Light animals / Young pigs, piglets, lambs, small lambs, poultry	.22 brown	1.00 Grain	1,000 pcs.	001 973 942



CASH° Stun Check captive bolt stunner



Technical data

Nominal voltage	V	230
Frequency	Hz	50

- Universally applicable test device for all CASH° anesthetic apparatuses from Accles&Shelvoke
- Visual display of the stunning test on the device
- Measurement of the actual speed of the captive bolt in m/s
- Easy setup and wireless use via Bluetooth with an Android tablet and Windows PC
- Detailed recording of the stunning test with serial number of the tool, cartridge, date, time, name of the operator, speed, etc.
- Saving and forwarding data in spreadsheet format

Scope of delivery

Type	Order no.	Description
CASH° STUN CHECK	001973999	Captive bolt tester, incl. attachment for CASH° Magnum, caliber .22 & .25 For other CASH° types, please order a suitable attachment (see accessories)

*Accessories

Order no.	Description	**Illustration
001983826	Attachment for CASH° Magnum XL	
001983824	Attachment for CASH° Magnum caliber .22 & .25	
001983827	Attachment for CASH° Special caliber .22 & .25	
001983823	Attachment for CASH° Cowpuncher	

* Not included in the basic scope of delivery
** Illustrations may vary

Ammunition caliber .22



Ammunition overview .22 caliber

Cartridges	Weight from	Weight approximate to	Propellant charge	Packaging unit	Order no.
.22 black	750 kg	950 kg	4.50 Grain	1,000 pcs.	001 971 832
.22 red	600 kg	750 kg	4.00 Grain	1,000 pcs.	001 971 830
.22 green	400 kg	600 kg	3.00 Grain	1,000 pcs.	001 971 831
.22 purple	///	///	2.50 Grain	1,000 pcs.	001 983 802
.22 pink	///	///	1.25 Grain	1,000 pcs.	001 983 801
.22 brown	///	///	1.00 Grain	1,000 pcs.	001 973 942

Ammunition caliber .25

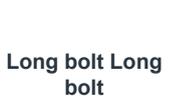
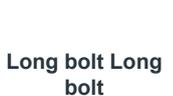


Ammunition overview .25 caliber

Cartridges	Weight of the animals approx.		Propellant charge	Packaging unit	Order no.
	from	to			
.25 red	950 kg	over 950 kg	6.00 Grain	1,000 pcs.	001 971 833
.25 green	750 kg	950 kg	4.50 Grain	1,000 pcs.	001 973 937
.25 black	600 kg	750 kg	4.00 Grain	1,000 pcs.	001 973 936
.25 orange	400 kg	600 kg	3.50 Grain	1,000 pcs.	001 983 807
.25 blue	///	///	3.00 Grain	1,000 pcs.	001 983 806
.25 yellow	///	///	2.00 Grain	1,000 pcs.	001 983 805
.25 pink	///	///	1.25 Grain	1,000 pcs.	001 983 804

Ammunition overview bolt guns

A&S product overview

CASH°	Product	Magnum XL	Magnum Concussion	Magnum car	Long bolt	Long bolt	Cowpuncher
Image							
Description	the world's most powerful bolt gun	Non-penetrative stunning; supports adherence to reliable slaughter specifications	Actuator with automatic bolt retraction, trigger release				Contact release actuator, extremely robust, with automatic pin retraction
Caliber	.25	.25	.22	.25	.25	.25	.25
Order no.	130 109 860	130 109 830	130 109 800	130 109 840	130 109 910	130 109 920	
exceptionally heavy animals	.25 red	.25 red	N/A	N/A	N/A	N/A	N/A
Extremely heavy animals	.25 green	.25 green	N/A	.25 green	.25 green	.25 green	.25 green
Very heavy animals	.25 black	.25 black	.22 black	.25 black	.25 black	.25 black	.25 black
heavy animals, bulls	N/A	.25 orange	.22 red	.25 orange	.25 orange	.25 orange	.25 orange
Medium weight	N/A	.25 blue	.22 green	.25 blue	.25 blue	.25 blue	.25 blue
Light animals	N/A	.25 yellow	.22 purple	.25 yellow	.25 yellow	.25 yellow	.25 yellow
Calves	N/A	.25 pink	.22 pink	.25 pink	.25 pink	.25 pink	.25 pink
exceptionally heavy animals	.25 red	.25 red	N/A	N/A	N/A	N/A	N/A
Heavy sows and boars	.25 green	.25 black	.22 black	.25 / .25 black/ green	.25 / .25 black/ green	.25 / .25 black/ green	N/A
Heavy pigs	.25 black	.25 orange	.22 red	.25 orange	.25 orange	.25 orange	N/A
Pigs	N/A	.25 blue	.22 green	.25 blue	.25 blue	.25 blue	N/A
Young pig	N/A	.25 yellow	.22/ .22 pink/ purple	.25 yellow	.25 yellow	.25 yellow	N/A
Piglet	N/A	.25 pink	.22 brown	.25 pink	.25 pink	.25 pink	N/A
Goats	N/A	.25 yellow	.22 purple	.25 yellow	.25 yellow	.25 yellow	N/A
rams/rams	N/A	.25 yellow	.22 purple	.25 yellow	.25 yellow	.25 yellow	N/A
female sheep	N/A	.25/ .25 pink/ yellow	.22/ .22 pink/ purple	.25/ .25 pink/ yellow	.25/ .25 pink/ yellow	.25/ .25 pink/ yellow	N/A
Lambs	N/A	.25 pink	.22 pink	.25 pink	.25 pink	.25 pink	N/A
little lambs	N/A	.25 pink	.22 brown	.25 pink	.25 pink	.25 pink	N/A
Poultry	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Anesthesia

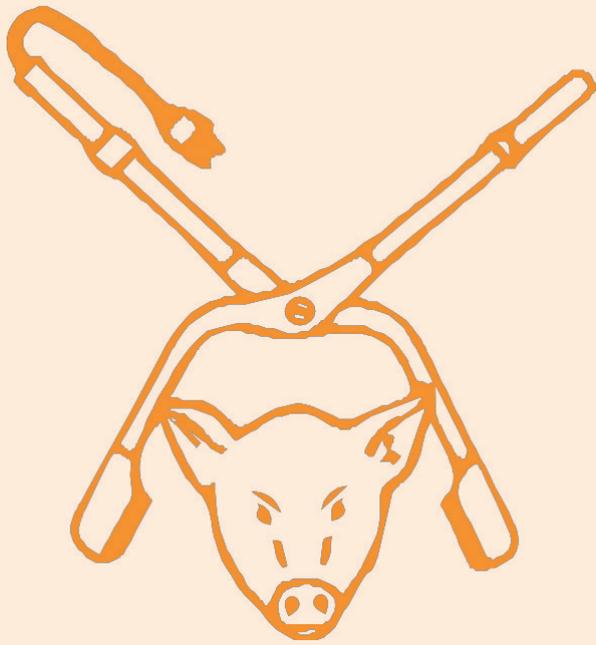
Slaughter

Finishing tools

Spare parts | Service

A&S product overview

Special	XLSpecial HD	Special	Special Concussion	Small Animal Tool	Dispatch Kit
					
Ergonomic trigger in pistol design, trigger release			Captive bolt stunner for non-penetrative stunning; supports compliance with religious slaughter regulations	for on-site use for poultry and small animals	Universal emergency case for many animal species, for use in emergency and mass killings on site
.25	.22 HD	.25	.22	.25	.22
130 109 900	130 109 810	130 109 870	130 109 880	130 109 890	130 109 850
N/A	N/A	N/A	N/A	N/A	N/A
.25 green	N/A	N/A	N/A	N/A	N/A
.25 black	N/A	N/A	N/A	N/A	N/A
.25 orange	.22 red	N/A	N/A	N/A	.25 orange
.25 blue	.22 green	.25 blue	N/A	N/A	.25 blue
.25 yellow	.22 purple	.25 yellow	N/A	N/A	.25 yellow
.25 pink	.22 pink	.25 pink	N/A	N/A	.25 pink
N/A	N/A	N/A	N/A	N/A	N/A
.25 / .25 black/ green	N/A	N/A	N/A	N/A	N/A
.25 orange	.22 red	.25 orange	N/A	N/A	.25 orange
.25 blue	.22 green	.25 blue	N/A	N/A	.25 blue
.25 yellow	.22/ .22 pink/ purple	.25 yellow	.22 pink	.25/ .25 pink/ yellow	.22 brown
.25 pink	.22 brown	.25 pink	.22 brown	.25 pink	.22 brown
.25 yellow	.22 purple	.25 yellow	.22 purple	.25 yellow	N/A
.25 yellow	.22 purple	.25 yellow	.22 purple	.25 yellow	N/A
.25/ .25 pink/ yellow	.22 pink	.25/ .25 pink/ yellow	.22/ .22 pink/ purple	.25/ .25 pink/ yellow	N/A
.25 pink	.22 pink	.25 pink	.22 pink	.25/ .25 pink/ yellow	.22 brown
.25 pink	.22 brown	.25 pink	.22 brown	.25 pink	.22 brown
N/A	.22 brown	N/A	.22 brown	N/A	.22 brown



ELECTRO- STIMULATION AND ELECTROANESTHESIA

1.3



Impulsator



Technical data

Input

Nominal voltage	V	230/115
Frequency	Hz	50/60
Power (max.)	W	150
Amperage (max.)	mA	630

Output

Output voltage (max.)	V	48
Stunning current (max.)	A	1
Frequency	Hz	50

Operating cycle S1

Protection class IP 55

Number of programs 9

Changing the parameters directly on the device

Weight kg 5,5

Dimensions mm 270x180x370

Length of the mains cable m 5

Performance

approx. 80 - 90 cattle per hour

Electronic stimulation device for optimized bleeding in cattle; with remote control.

- Increased yield due to lower weight loss Very easy
- installation and operation
- 9 preset programs selectable with push button for different animals
- Adaptable to different power grids

Scope of delivery

Type	Order no.	Description
Impulsator	001983982	Electronic stimulation device 230 V, 50 Hz with remote control, optical-acoustic signal transmitter, nose clip and tube connection 10 m
Impulsator	001983983	Electronic stimulation device 115 V, 60 Hz with remote control, optical-acoustic signal transmitter, nose clip and 10 m tube connection



VBE Basic electrical stunning system



Technical data

Input		
Nominal voltage	V	230/115
Frequency	Hz	50/60
Power (max.)	W	650
Amperage (max.)	A	3
Output		
Output voltage (max.)	V	270
Stunning current (max.)	A	3
Frequency	Hz	50
Operating cycle		S2 240
Protection class	IP	55
Number of programs		6
Changing the parameters		directly on the device
Weight	kg	12,1
Dimensions	mm	370x290x200
Length of the mains cable	m	5
Performance		approx. 150 pigs per hour / approx. 180 sheep per hour

Not permitted in the EU
due to the lack of electronic
Storage of the stunning processes!

Electric stunning system with 6 programs for stunning different animal species; **without recording**

- Very simple installation and operation
- Adaptable to different power grids

Scope of delivery

Type	Order no.	Description
VBE Basic, without recording	001983991	Electric stunning system 230 V, 50/60 Hz with tongs type X for pigs
VBE Basic, without recording	001983992	Electric stunning system 115 V, 50/60 Hz with tongs type X for pigs

*Accessories

Order no.	Description	**Illustration
001983993	VBE Basic stunning forceps type-X for pigs with spiral cable, 5 m	

* Not included in the basic scope of delivery

** Illustrations may differ



VBE 6 Electrical stunning system



Technical data

Input

Nominal voltage	V	230/115
Frequency	Hz	50/60
Power (max.)	W	700
Amperage (max.)	A	3

Output

Output voltage (max.)	V	400
Stunning current (max.)	A	0,02-2,5
Frequency	Hz	50-800

Operating cycle S2 240

Protection class IP 55

Number of programs 7

Changing the parameters directly on the device

Load C 0,1 a 99,9

Measuring voltage V approx. 15

Weight of the power supply unit kg approx. 15.0

Weight of the pliers kg 3,0

Dimensions of the power supply unit mm 480x365x205

Dimensions of the pliers mm 960x210 - 700x110

Performance

approx. 150 pigs per hour / approx. 180 sheep per hour

Electric stunning system in accordance with current German animal protection slaughter regulations with 7 program presets and electronic storage of stunning processes.

- Very simple installation and operation
- 7 pre-installed stunning programs, expandable to up to 9 stunning programs
- Optimal adjustment of the stunning by setting various parameters (current, frequency, stunning duration); with program memory for head-heart stunning
- Adaptable to different power grids

Storage, evaluation and display:

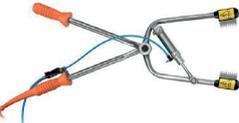
- Evaluation and display of standard and incorrect stuns
- Data records with date, time, stunning current, stunning voltage, heart rate and time course
- Storage of up to 100,000 stunning data records on the device
- Simple data readout via SD card (USB stick) Visual
- and acoustic signal for stunning status



Scope of delivery

Type	Order no.	Description
VBE 6	001983920	Electric stunning system 230 V, 50/60 Hz without tongs, with SD card for online evaluation and visualization
VBE 6	001983977	Electric stunning system 115 V, 50/60 Hz without tongs, with SD card for online evaluation and visualization

*Accessorie

Order no.	Description	**Illustration
001983940	Two-hand tongs type X for pigs, with spiral cable, 5 m	
001983941	Two-hand tongs type X for sheep, with spiral cable, 5 m	
001983942	One-handed tongs type Y for pigs, with spiral cable, 5 m	
001983944	Pneumatic one-handed pincer type YP for pigs, with spiral cable, 5 m	
001983943	Pneumatic two-hand pincers type XP for pigs, with spiral cable, 5 m	
001983961	PC - transmission device	
001983960	Traffic lights	
001983975	Wall bracket for the pliers	
001983976	Tester AZ 1 for the VBE 6	

* Not included in the basic scope of delivery

** Illustrations may vary



VBE M Mobile stunning system



Technical data

Input

Nominal voltage	V	230/115
Frequency	Hz	50/60
Power (max.)	W	700
Amperage (max.)	A	3

Output

Output voltage (max.)	V	400
Stunning current (max.)	A	0,02-2,5
Frequency	Hz	50-800

Device operation

in battery mode
in mains operation

Operating cycle	S2 240	
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Protection class	IP	55
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Number of programs	9	
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Changing the parameters	Directly on the device - Mail/ SD card	
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Load	C	0,1 a 99,9
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Measuring voltage	V	approx. 15
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Weight of the power supply unit	kg	70,0
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Weight of the pliers	kg	3,0
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Dimensions of the power supply unit	mm	1270x680 x600
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Length of the detachable mains cable	m	0,5
--------------------------------------	---	-----

Dimensions of the pliers	mm	960x210 - 700x110
--------------------------	----	-------------------

Performance

approx. 50 animals can be stunned with one battery charge

Mobile and battery-operated electric stunning system with 8 program presets and electronic storage of stunning procedures.

- Very simple installation and operation
- 8 pre-installed stunning programs, expandable to up to 9 stunning programs
- Optimal adjustment of the stunning by setting various parameters (current, frequency, stunning duration); with program memory for head-heart stunning
- Rapid kill program for epidemics Adaptable
- to different power grids

Storage, evaluation and display:

- Evaluation and display of standard and incorrect stuns
- Data records with date, time, stunning current, stunning voltage, heart rate and time course
- Storage of up to 100,000 stunning data records on the device
- Simple data readout via SD card (USB stick) Visual
- and acoustic signal for stunning status



Scope of delivery

Type	Order no.	Description
VBE M	001983980	Mobile stunning system with rechargeable battery 230 V, 50/60 Hz without forceps, with SD card for online evaluation and visualization
VBE M	001983981	Mobile stunning system with rechargeable battery 115 V, 50/60 Hz without tongs, with SD card for online evaluation and visualization

*Accessorie

S

Order no.	Description	**Illustration
001983940	Two-hand tongs type X for pigs	
001983961	PC - transmission device	
001983976	Tester AZ 1 for the VBE 6	

* Not included in the basic scope of delivery

** Illustrations may vary



VBE 7 Electrical stunning system



Technical data

Input

Nominal voltage	V	230/115
Frequency	Hz	50/60
Power (max.)	W	700
Amperage (max.)	A	3

Output

Output voltage (max.)	V	400
Stunning current (max.)	A	0,02-2,5
Frequency	Hz	50-800
Stunning duration	s	1-99,9

Stunning procedure

in automatic mode
in manual mode - after sound signal

Operating cycle S2 240

Protection class IP 55

Protection class I

Number of programs 20

Changing the parameters directly on the device
Mail/ SD card/ Team viewer

Weight kg 14,4

Dimensions of the power supply unit mm 480x365 x250

Length of the mains cable m 5

Research report B/2021/107 z dnia 27/04/2021

Performance

Up to 2000 animals a day

Electric stunning system in accordance with the current German Animal Welfare Slaughter Ordinance with 15 program presets and electronic storage of the stunning processes.

- Configurable for 3-point trap stunning
- Very simple installation and operation
- 15 pre-installed stunning programs, expandable to up to 20 stunning programs
- Optimal adjustment of the stunning by setting various parameters (current, frequency, stunning duration); with program memory for head-heart stunning
- Adaptable to different power grids

Storage, evaluation and display:

- Evaluation and display of standard and incorrect stuns
- Data records with date, time, stunning current, stunning voltage, heart rate and time course
- Storage of up to 100,000 stunning data records on the device
- Simple data readout via SD card (USB stick)
- Visual and acoustic signal with volume control for stunning status

If you have any questions about 3-point trap stunning, please do not hesitate to contact us.



Scope of delivery

Type	Order no.	Description
VBE 7	001611801	Electric stunning system 230 V, 50/60 Hz without tongs, with SD card for online evaluation and visualization
VBE 7	001611802	Electric stunning system 115 V, 50/60 Hz without tongs, with SD card for online evaluation and visualization

*Accessories

Order no.	Description	**Illustration
001611803	Compressed air control	
001611804	Adapter (F) Heart electrode	
001611805	Adapter (F) pliers	
001611807	Electro-pneumatic pliers type Y/P III Titanium	
001611809	USB converter	
001620070	Spring balancer, cable extension 2 m, stainless, load range 1.5-3 kg	

* Not included in the basic scope of delivery

** Illustrations may differ

SLAUGHTER



Anesthesia

Slaughter

Finishing tools

Spare parts | Service



SKINNING APPARATUS

2.1



EFA 620 skinner

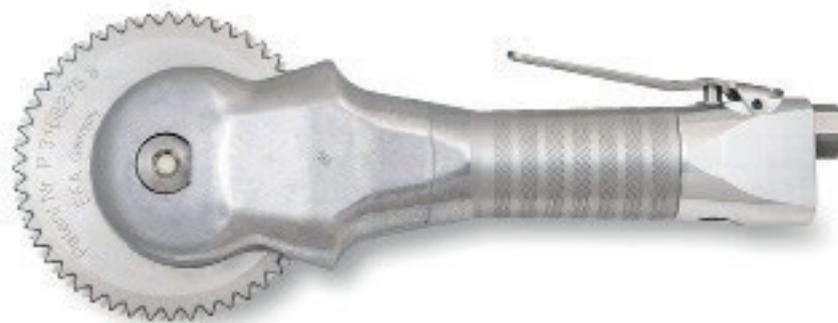


Technical data

Operating pressure	cash	6
Air consumption	l/min	480
Performance	W	250
Rated speed	min ⁻¹	7200
Connection cables	mm	7
Connection thread	Custom	R 1/8"
LpA Sound pressure level	dB	83
LWA Sound power level	dB	94
ahd Vibration characteristic value	m/s ²	4,0
		K 0,07
Weight	kg	1,3

Worldwide proven and patented skinner for cattle, horses, sheep and pigs with compressed air drive.

- Easy handling
- No skin damage due to cuts or holes Robust
- and reliable





Scope of delivery

Type	Order no.	Description
EFA 620	100260040	Compressed air skinner with skinning knife

*Accessorie

Order no.	Description	**Illustration
001366902	Compressed air hose, 5 m	
007005591	Skinning knife (pair) 110 mm standard	
007001444	Skinning knife (pair) 100 mm	
001367024	Maintenance unit R1/4"	
001365612	Special oil, 5 l	
007000637	Suspension hook for EFA 620 skinner	
007899558	Maintenance set for EFA 620	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA 2000 skinner



Technical data

Operating pressure	cash	6
Air consumption	l/min	400
Performance	W	190
Rated speed	min ⁻¹	5500
Connection cables	mm	7
Connection thread	Custom	R 1/8"
L_{pA} Sound pressure level	dB	74
L_{WA} Sound power level	dB	85
ahd Vibration characteristic value	m/s ²	0,3
		K 0,05
Weight	kg	0,9

The lightweight professional skinner with compressed air drive for cattle, horses, Sheep, etc.

- Simple resharpening during the production process (grinding unit) when using the smoothblade
- Lightweight and virtually vibration-free
- Extremely low maintenance costs due to fewer wear parts





Scope of delivery

Type	Order no.	Description
EFA 2000	100300001	Compressed air skinner with skinning knife incl. compressed air hose/ exhaust air hose, 5m and extractor steel

*Accessorie

Order no.	Description	**Illustration
003008909	Skinning knife (pcs.), Ø 104.8 mm standard in pack of 5	
003009797	Skinning knife (pcs.), Ø 105.6 mm in pack of 5	
003014418	Smoothblade, disk blade (pcs.), Ø 104.9 mm standard	
007014293	Sharpening tool for smooth blade, disk blade	
001367024	Maintenance unit R1/4"	
001365612	Special oil, 5 l	
007899560	Maintenance set for EFA 2000	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA PLE 16 Knife skinner



Technical data

Operating pressure	cash	6
Weight	kg	0,750
Performance	Cuts/ min	22'000-24'000
Air consumption	l/min	approx. 200
Total length	mm	approx. 380
Cutting width	mm	approx. 190
Hose coupling	Customs	G 1/4"
Noise level	dB	76
Standard equipment	Plastic oil can, pin wrench, combination wrench, assembly jig	
Minimum diameter of the air inlet (clear width)	mm	6
Minimum length of the hose to the coupling	m	0,6

Low-consumption knife skinner with compressed air drive. Particularly suitable for pre-cutting the skin and for cutting along with the skin removal.

- Easy to maintain No
- skin damage
- High cutting performance with low weight Handling like
- a normal knife

Scope of delivery

Type	Order no.	Description
EFA PLE 16	64000010	Knife skinner, with knife incl. compressed air hose, 4 m

*Accessorie

Order no.	Description	**Illustration
001781613	Blade for PLE 16	
001367024	Maintenance unit R1/4"	
001365612	Special oil, 5 l	



EFA 53 Grinding machine for EFA 620 blades



Technical data

Tension	V	220/380
Frequency	Hz	50
Power consumption	W	250
Speed	min ⁻¹	2900
Weight	kg	17

EFA 53 grinding machine for ideal regrinding of the EFA 620 de-skinner blades.

Scope of delivery

Type	Order no.	Description
EFA 53 Grinding machine for EFA 620 blades	130105300	Skinning knife grinding machine three-phase current 230/400 V, 50 Hz / 60 Hz

*Accessories

Order no.	Description
130101900	Necessary case for EFA 53 grinding machine for aligning the EFA 620 blades

* Not included in the basic scope of delivery

** Illustrations may differ

Anesthesia

Slaughter

Finishing tools

Spare parts | Service

HORN TONGS, HORN GUILLOTINES, LEG, TONGS

2.2



EFA Z 08 articulated pliers



Technical data

Pliers opening	mm	80
Closing time - Opening time (pliers)	s	1,0 - 1,0
Operating pressure	cash	200
Hose length	m	5
Sound pressure level (EN ISO 11688-1)	dB	< 85
Hand-arm vibration (EN ISO 5349-1)	m/s ²	< 2,5
Weight (pliers)	kg	12
Output when operating with unit without cooler approx. 240 cuts per hour		

EFA Z 08 Hydraulic paw and leg nipper for sows and boars.

- High cutting force
- Easy, safe handling thanks to two-hand safety switch
- Quick opening and closing of the pliers
- External parts made of corrosion-resistant material



Scope of delivery

Type	Order no.	Description
EFA Z 08	008005000	Articulated pliers

*Accessorie S

Order no.	Description	**Illustration
001975821	Hydraulic power unit, operating pressure 200 bar without cooler (G) Voltage: 208 V, 60 Hz	
001972301	Hydraulic power unit, operating pressure 200 bar without cooler (G) Voltage: 400 V, 50 Hz	
001365614	Hydraulic oil, 20 l (40 l are required for the initial filling)	
008005181	Hose unit, 5 m (steel)	
008008155	Hose unit, 10 m (steel)	
001620048	Standard spring balancer, cable extension 2 m, load range 16-21 kg	
007899494	Maintenance set for EFA Z 08	

Anesthesia

Slaughterer

Finishing tools

Spare parts | Service

* Not included in the basic scope of delivery

** Illustrations may vary



EFA Z 12 Horn and leg pliers



Technical data

Pliers opening	mm	120
Closing time - Opening time (pliers)	s	3,0 - 3,0
Operating pressure	cash	200
Hose length	m	5
Sound pressure level (EN ISO 11688-1)	dB	< 85
Hand-arm vibration (EN ISO 5349-1)	m/s ²	< 2,5
Weight (pliers)	kg	27
Output when operating with unit without cooler approx. 240 cuts per hour		

Powerful hydraulic horn and foreleg nipper for cattle, calves and horses.

- Easy, safe handling thanks to two-hand safety circuit Cut directly at the head for easy skinning External parts made of corrosion-protected material



Scope of delivery

Type	Order no.	Description
EFA Z 12	008004998	Horn and leg pliers

*Accessorie

Order no.	Description	**Illustration
001975821	Hydraulic power unit, operating pressure 200 bar without cooler (G) Voltage: 208 V, 60 Hz	
001972301	Hydraulic power unit, operating pressure 200 bar without cooler (G) Voltage: 400 V, 50 Hz	
001365614	Hydraulic oil, 20 l (40 l are required for the initial filling)	
008005181	Hose unit, 5 m (steel)	
008008155	Hose unit, 10 m (steel)	
001620052	Standard spring balancer, cable extension 2 m, load range 20 - 30 kg	
007899495	Maintenance set for EFA Z12	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA Z 13 Horn pliers



Technical data

Pliers opening	mm	130x160
Closing time - Opening time (pliers)	s	3,0 - 2,0
Operating pressure	cash	200
Hose length	m	5
Sound pressure level (EN ISO 11688-1)	dB	< 85
Hand-arm vibration (EN ISO 5349-1)	m/s ²	< 2,5
Weight (pliers)	kg	31
Output when operating with unit without cooler approx. 240 cuts per hour		

Powerful hydraulic horn guillotine for cattle, for medium-sized and large farms.

- Easy, safe handling thanks to two-hand safety switch
- Blunt cutting of horns
- External parts made of corrosion-protected material



Scope of delivery

Type	Order no.	Description
EFA Z 13	008009032	Horn guillotine

*Accessorie S

Order no.	Description	**Illustration
001975821	Hydraulic power unit, operating pressure 200 bar without cooler (G) Voltage: 208 V, 60 Hz	
001972301	Hydraulic power unit, operating pressure 200 bar without cooler (G) Voltage: 400 V, 50 Hz	
001365614	Hydraulic oil, 20 l (40 l are required for the initial filling)	
008005181	Hose unit, 5 m (steel)	
008008155	Hose unit, 10 m (steel)	
001620052	Standard spring balancer, cable extension 2 m, load range 20 - 30 kg	
007899576	Maintenance set for EFA Z 13	

* Not included in the basic scope of delivery

** Illustrations may differ



EFA Z 14 leg pliers



Technical data

Pliers opening	mm	140
Closing time - Opening time (pliers)	s	1,5 - 1,5
Operating pressure	cash	200
Hose length	m	5
Sound pressure level (EN ISO 11688-1)	dB	< 85
Hand-arm vibration (EN ISO 5349-1)	m/s ²	< 2,5
Weight (pliers)	kg	24
Output when operating with unit without cooler approx. 240 cuts per hour		

Powerful hydraulic leg nipper for cattle, calves and horses.

- Easy, safe handling thanks to two-hand safety circuit Fast, effortless
- cutting
- External parts made of corrosion-protected material



Scope of delivery

Type	Order no.	Description
EFA Z 14	008004999	Leg pliers

*Accessories

Order no.	Description	**Illustration
001975821	Hydraulic power unit, operating pressure 200 bar without cooler (G) Voltage: 208 V, 60 Hz	
001972301	Hydraulic power unit, operating pressure 200 bar without cooler (G) Voltage: 400 V, 50 Hz	
001365614	Hydraulic oil, 20 l (40 l are required for the initial filling)	
008005181	Hose unit, 5 m (steel)	
008008155	Hose unit, 10 m (steel)	
001620052	Standard spring balancer, cable extension 2 m, load range 20 - 30 kg	
007899496	Maintenance set for EFA Z 14	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA Z 140 Horn and leg pliers



Technical data

Pliers opening	mm	140
Closing time - Opening time (pliers)	s	2,5 - 2,5
Operating pressure	cash	200
Hose length	m	5
Sound pressure level (EN ISO 11688-1)	dB	< 85
Hand-arm vibration (EN ISO 5349-1)	m/s ²	< 2,5
Weight (pliers)	kg	26
Output when operating with unit without cooler approx. 240 cuts per hour		

Powerful hydraulic nipper for horns and front legs for cattle, calves and horses; for medium and large farms.

- Easy, safe handling thanks to two-hand safety switch External parts
- made of corrosion-protected material



Scope of delivery

Type	Order no.	Description
EFA Z 140	008010975	Horn and leg pliers

*Accessories

Order no.	Description	**Illustration
001975821	Hydraulic power unit, operating pressure 200 bar without cooler (G) Voltage: 208 V, 60 Hz	
001972301	Hydraulic unit, operating pressure 200 bar without cooler (G) Voltage: 400 V, 50 Hz	
001365614	Hydraulic oil, 20 l (40 l are required for the initial filling)	
008005181	Hose unit, 5 m (steel)	
008008155	Hose unit, 10 m (steel)	
001620052	Standard spring balancer, cable extension 2 m, load range 20 - 30 kg	

* Not included in the basic scope of delivery

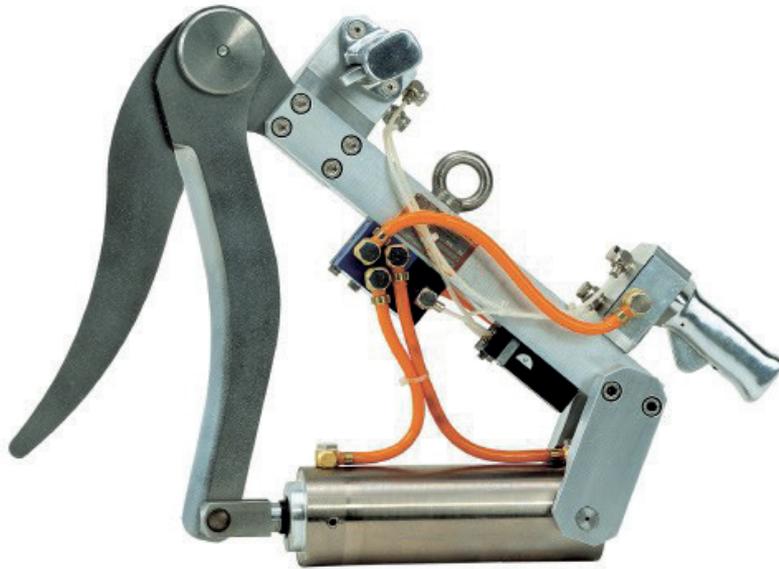
** Illustrations may vary

HORN PLIERS, HORN GUILLOTINES, LEG PLIERS

2.3



EFA Z 10 D sternum forceps



Technical data

Pliers opening	mm	130	
Clamping force	kN	3,9	
Closing time	s	2	
Operating pressure	cash	6 - 8	
Air consumption (per cut)	m ³	11,5	
Pressure hose length	m	5	
Sound pressure level	dB	LpA = 80	KpA = 3
Sound power level	dB	LWA = 91	KpA = 3
Peak sound pressure level	dB	LpCpeak = 104,2	KpA = 3
Hand-arm vibration	m/s ²	ahd = 0.311	K = 0,005
Weight	kg	18,5	
Output for pigs and sows approx. 250 cuts per hour			

Air-operated sternum forceps for pigs, sows and sheep.

- To cut through the sternum
- Clean cut without bone splinters or sawdust Two-hand
- safety circuit
- Low maintenance and easy to clean



Scope of delivery

Type	Order no.	Description
EFA Z 10 D	130106800	Sternum forceps, compressed air

*Accessories

Order no.	Description	**Illustration
001366918	Compressed air hose, 5 m	
001367045	Maintenance unit R 1/2"	
001620048	Standard spring balancer, cable extension 2 m, load range 16-21 kg	
001365612	Special oil, 5 l	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA Z 27 S Pig's head tongs



Technical data

Pliers opening	mm	189
Closing time - Opening time (pliers)	s	1,5 - 1,5
Operating pressure	cash	200
Hose length	m	5
Sound pressure level (EN ISO 11688-1)	dB	< 85
Hand-arm vibration (EN ISO 5349-1)	m/s ²	< 2,5
Weight (pliers)	kg	22,5
Output when operating with unit without cooler approx. 300 - 400 cuts per hour		

Powerful hydraulic pig head nippers for pigs, suitable for medium-sized and large farms.

- Easy, safe handling thanks to two-hand safety circuit Cutting without
- bone splinters or bone meal External parts made of corrosion-
- protected material



Scope of delivery

Type	Order no.	Description
EFA Z 27 S	00801052499	Pig head tongs

*Accessories

Order no.	Description	**Illustration
001975821	Hydraulic power unit, operating pressure 200 bar without cooler (G) Voltage: 208 V, 60 Hz	
001972301	Hydraulic unit, operating pressure 200 bar without cooler (G) Voltage: 400 V, 50 Hz	
001365614	Hydraulic oil, 20 l (40 l are required for the initial filling)	
008005181	Hose unit, 5 m (steel)	
008008155	Hose unit, 10 m (steel)	
001620052	Standard spring balancer, cable extension 2 m, load range 20 - 30 kg	
007899488	Maintenance set EFA Z27, Z27S	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA Z 28 S sow's head tongs



Technical data

Pliers opening	mm	186
Closing time - Opening time (pliers)	s	1,3 - 0,75
Operating pressure	cash	200
Hose length	m	5
Sound pressure level (EN ISO 11688-1)	dB	< 85
Hand-arm vibration (EN ISO 5349-1)	m/s ²	< 2,5
Weight (pliers)	kg	22,5
Output when operating with unit without cooler approx. 300 - 400 cuts per hour		

Powerful hydraulic sow head nipper for pigs and sows; for medium-sized and large farms.

- Easy, safe handling thanks to two-hand safety circuit Cutting without
- bone splinters or bone meal External parts made of corrosion-
- protected material



Scope of delivery

Type	Order no.	Description
EFA Z 28 S	008011001	Sow's head tongs

*Accessories

Order no.	Description	**Illustration
001975821	Hydraulic power unit, operating pressure 200 bar without cooler (G) Voltage: 208 V, 60 Hz	
001972301	Hydraulic power unit, operating pressure 200 bar without cooler (G) Voltage: 400 V, 50 Hz	
001365614	Hydraulic oil, 20 l (40 l are required for the initial filling)	
008005181	Hose unit, 5 m (steel)	
008008155	Hose unit, 10 m (steel)	
001620052	Standard spring balancer, cable extension 2 m, load range 20 - 30 kg	
007899582	Maintenance set for EFA Z28, S28S	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA Z 27 Quartering pliers



Technical data

Pliers opening	mm	265
Closing time - Opening time (pliers)	s	1,5 - 1,5
Operating pressure	cash	200
Hose length	m	5
Sound pressure level (EN ISO 11688-1)	dB	< 85
Hand-arm vibration (EN ISO 5349-1)	m/s ²	< 2,5
Weight (pliers)	kg	24
Output when operating with unit without cooler approx. 240 cuts per hour		

Powerful hydraulic quartering tongs for calves; for medium-sized and large farms

- Easy, safe handling thanks to two-hand safety circuit Cutting without
- bone splinters or bone meal External parts made of corrosion-
- protected material



Scope of delivery

Type	Order no.	Description
EFA Z 27	008008535	Quartering tongs for calves

*Accessorie

Order no.	Description	**Illustration
001975821	Hydraulic power unit, operating pressure 200 bar without cooler (G) Voltage: 208 V, 60 Hz	
001972301	Hydraulic power unit, operating pressure 200 bar without cooler (G) Voltage: 400 V, 50 Hz	
001365614	Hydraulic oil, 20 l (40 l are required for the initial filling)	
008005181	Hose unit, 5 m (steel)	
008008155	Hose unit, 10 m (steel)	
001620052	Standard spring balancer, cable extension 2 m, load range 20 - 30 kg	
007899488	Maintenance set EFA Z27, Z27S	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA Z 28 quartering pliers



Technical data

Pliers opening	mm	260
Closing time - Opening time (pliers)	s	1,3 - 0,75
Operating pressure	cash	200
Hose length	m	5
Sound pressure level (EN ISO 11688-1)	dB	< 85
Hand-arm vibration (EN ISO 5349-1)	m/s ²	< 2,5
Weight (pliers)	kg	24
Output when operating with unit without cooler approx. 240 cuts per hour		

Powerful hydraulic quartering tongs for cattle, cows, oxen, horses and calves; for medium-sized and large farms.

- Easy, safe handling thanks to two-hand safety circuit Cutting without
- bone splinters or bone meal External parts made of corrosion-
- protected material



Scope of delivery

Type	Order no.	Description
EFA Z 28	008009825	Quartering tongs for cattle, cows, oxen, calves and horses

*Accessorie

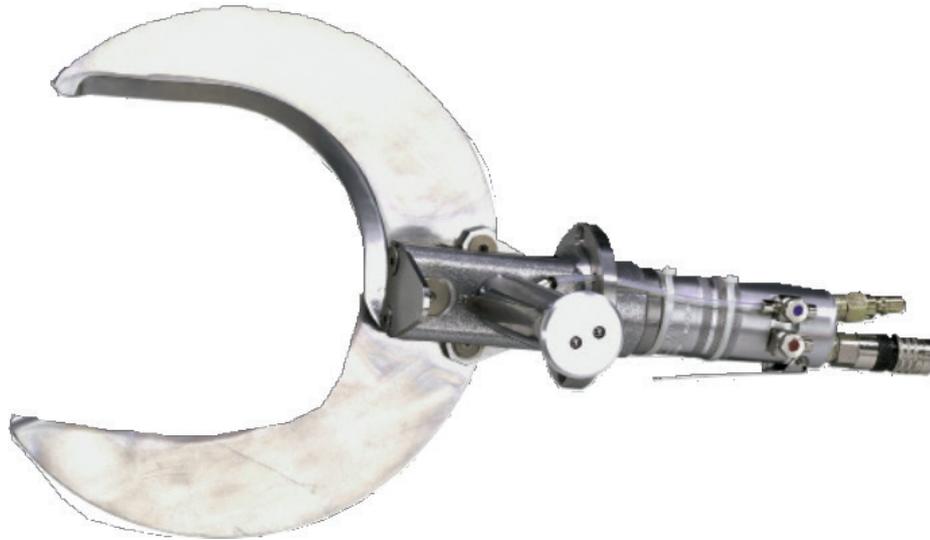
Order no.	Description	**Illustration
001975821	Hydraulic power unit, operating pressure 200 bar without cooler (G) Voltage: 208 V, 60 Hz	
001972301	Hydraulic power unit, operating pressure 200 bar without cooler (G) Voltage: 400 V, 50 Hz	
001365614	Hydraulic oil, 20 l (40 l are required for the initial filling)	
008005181	Hose unit, 5 m (steel)	
008008155	Hose unit, 10 m (steel)	
001620052	Standard spring balancer, cable extension 2 m, load range 20 - 30 kg	
007899582	Maintenance set for EFA Z28, S28S	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA Z 078 Disassembly pliers



Technical data

Pliers opening	mm	210
Closing time - Opening time (pliers)	s	0,5 - 0,5
Operating pressure	cash	145
Hose length	m	5
Sound pressure level (EN ISO 11688-1)	dB	< 85
Hand-arm vibration (EN ISO 5349-1)	m/s ²	< 2,5
Weight (pliers)	kg	4,5
Output when operating with unit with cooler approx. 750 cuts per hour		
Output when operating with unit without cooler approx. 500 cuts per hour		

Lightweight and powerful hydraulic cutting pliers.

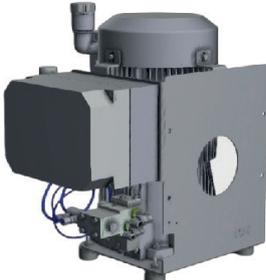
- Easy, safe handling thanks to two-hand safety switch
- Quick opening and closing of the pliers
- External parts made of corrosion-resistant material



Scope of delivery

Type	Order no.	Description
EFA Z 078	008010109	Disassembly pliers

*Accessories

Order no.	Description	**Illustration
008014173	Hydraulic power unit, operating pressure 145 bar with cooler (H) Voltage 400 V, 50 Hz (for high cutting rates)	
007014170	Hydraulic power unit, operating pressure 145 bar without cooler (H) Voltage 400 V, 50 Hz (for medium cutting rates)	
001365614	Hydraulic oil, 20 l (40 l are required for the initial filling)	
008010315	Hose unit, 5 m (steel)	
001620032	Standard spring balancer, cable extension 2 m, load range 6-10 kg	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA Z 090 Disassembly pliers



Technical data

Pliers opening	mm	80
Closing time - Opening time (pliers)	s	0,5 - 0,5
Operating pressure	cash	145
Hose length	m	5
Sound pressure level (EN ISO 11688-1)	dB	< 85
Hand-arm vibration (EN ISO 5349-1)	m/s ²	< 2,5
Weight (pliers)	kg	4,5
Output when operating with unit with cooler approx. 750 cuts per hour		
Output when operating with unit without cooler approx. 500 cuts per hour		

Lightweight and powerful hydraulic cutting pliers.

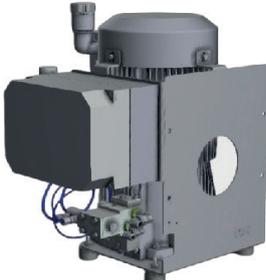
- Easy, safe handling thanks to two-hand safety switch
- Quick opening and closing of the pliers
- External parts made of corrosion-resistant material



Scope of delivery

Type	Order no.	Description
EFA Z 090	008010581	Disassembly pliers

*Accessories

Order no.	Description	**Illustration
008014173	Hydraulic power unit, operating pressure 145 bar with cooler (H) Voltage 400 V, 50 Hz (for high cutting rates)	
007014170	Hydraulic power unit, operating pressure 145 bar without cooler (H) Voltage 400 V, 50 Hz (for medium cutting rates)	
001365614	Hydraulic oil, 20 l (40 l are required for the initial filling)	
008010315	Hose unit, 5 m (steel)	
001620032	Standard spring balancer, cable extension 2 m, load range 6-10 kg	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA Z 160



Technical data

Pliers opening	mm	160
Closing time - Opening time (pliers)	s	0,5 - 0,5
Operating pressure	cash	145
Hose length	m	5
Sound pressure level (EN ISO 11688-1)	dB	< 85
Hand-arm vibration (EN ISO 5349-1)	m/s ²	< 2,5
Weight (pliers)	kg	4,5
Output when operating with unit with cooler approx. 750 cuts per hour		
Output when operating with unit without cooler approx. 500 cuts per hour		

Lightweight and powerful hydraulic cutting pliers, tail bone pliers.

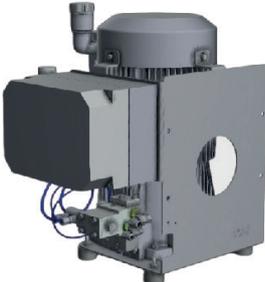
- Easy, safe handling thanks to two-hand safety switch
- Quick opening and closing of the pliers External parts
- made of corrosion-resistant material Low weight
-



Scope of delivery

Type	Order no.	Description
EFA Z 160	008011945	Disassembly pliers

*Accessories

Order no.	Description	**Illustration
008014173	Hydraulic power unit, operating pressure 145 bar with cooler (H) Voltage 400 V, 50 Hz (for high cutting rates)	
007014170	Hydraulic power unit, operating pressure 145 bar without cooler (H) Voltage 400 V, 50 Hz (for medium cutting rates)	
001365614	Hydraulic oil, 20 l (40 l are required for the initial filling)	
008010315	Hose unit, 5 m (steel)	
001620032	Standard spring balancer, cable extension 2 m, load range 6-10 kg	

* Not included in the basic scope of delivery

** Illustrations may vary

CLAW AND PAW NIPPER

2.4



EFA Z 079 Claw and paw pads



Technical data

Pliers opening	mm	80
Closing time - Opening time (pliers)	s	0,5 - 0,5
Operating pressure	cash	145
Hose length	m	5
Sound pressure level (EN ISO 11688-1)	dB	< 85
Hand-arm vibration (EN ISO 5349-1)	m/s ²	0,562
Correction factor	m/s ²	0,016
Weight	kg	< 4,0

Lightweight and powerful hydraulic hoof nippers for cutting off claws or paws in the joint; for medium-sized and large companies.

- Easy and safe handling High cutting
- speed One-handed operation
- Low weight





Scope of delivery

Type	Order no.	Description
EFA Z 079	008014484	Claw and paw nipper

*Accessories

Order no.	Description	**Illustration
001975802	Hydraulic power unit, operating pressure 145 bar with cooler (H) Voltage 400 V, 50 Hz	
001365614	Hydraulic oil, 20 l (40 l are required for the initial filling)	
007014561	Hose unit, 5 m (stainless steel)	
001620071	Stainless steel spring balancer, cable extension 2 m, load range 2 - 5 kg	
007899568	Maintenance set for EFA Z 079, Z 100	

* Not included in the basic scope of delivery
 ** Illustrations may vary



EFA Z 080 Claw and paw nipper



Technical data

Pliers opening	mm	80
Closing time - Opening time (pliers)	s	0,5 - 0,5
Operating pressure	cash	145
Hose length	m	5
Sound pressure level (EN ISO 11688-1)	dB	< 85
Hand-arm vibration (EN ISO 5349-1)	m/s ²	0,586
Correction factor	m/s ²	0,074
Weight	kg	< 4,0

Lightweight and powerful hydraulic claw pliers with pistol grip handle for cutting off claws or paws in the joint; for medium-sized and large companies.

- Easy and safe handling High cutting
- speed One-handed operation
- Low weight





Scope of delivery

Type	Order no.	Description
EFA Z 080	008014480	Claw and paw pliers with pistol grip,

*Accessories

Order no.	Description	**Illustration
001975802	Hydraulic power unit, operating pressure 145 bar with cooler (H) Voltage 400 V, 50 Hz	
001365614	Hydraulic oil, 20 l (40 l are required for the initial filling)	
007014561	Hose unit, 5 m (stainless steel)	
001620071	Stainless steel spring balancer, cable extension 2 m, load range 2 - 5 kg	
007899575	Maintenance set for EFA Z 080	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA Z 100 paw and disassembly pliers



Technical data

Pliers opening	mm	100
Closing time - Opening time (pliers)	s	0,5 - 0,5
Operating pressure	cash	145
Hose length	m	5
Sound pressure level (EN ISO 11688-1)	dB	< 85
Hand-arm vibration (EN ISO 5349-1)	m/s ²	0,724
Correction factor	m/s ²	0,052
Weight (pliers)	kg	< 4,0

Lightweight and powerful hydraulic hoof nippers for cutting off claws or paws in the joint; for medium-sized and large companies.

- Easy and safe handling High cutting speed One-handed operation
- Low weight





Scope of delivery

Type	Order no.	Description
EFA Z 100	008014500	Paw and disassembly pliers

*Accessories

Order no.	Description	**Illustration
001975802	Hydraulic power unit, operating pressure 145 bar with cooler (H) Voltage 400 V, 50 Hz	
001365614	Hydraulic oil, 20 l (40 l are required for the initial filling)	
007014561	Hose unit, 5 m (stainless steel)	
001620071	Stainless steel spring balancer, cable extension 2 m, load range 2 - 5 kg	
007899568	Maintenance set for EFA Z 079, 100	

* Not included in the basic scope of delivery
** Illustrations may vary

BAND SAWS

2.5



EFA SB 287 E Bisecting saw



Technical data

		EFA 287 E 42 V 50 Hz	EFA 287 E 208 V 60 Hz	EFA 287 E 400 V 50 Hz
Nominal voltage	V	42	208	400
Frequency	Hz	50	60	50
Amperage	A	33	7,4	3,5
Motor power	W	1500	1500	1500
Speed	min ⁻¹	520	630	520
Connection cable	m	6	6	6
Protection class		III	I	I
Protection class		IP 65	IP 65	IP 65
Saw band length x width	mm	2904x19	2904x19	2904x19
Cutting length	mm	460	460	460
Cutting time/animal	s	20-25	20-25	20-25
Water connection	Customs	1/2"	1/2"	1/2"
Operating pressure (water)	cash	2-5	2-5	2-5
Water consumption	l/min	max.20	max.20	max.20
LpA Sound pressure level	dB	77	77	77
LWA Sound power level	dB	88	88	88
ahd Vibration characteristic value	m/s ²	1,83	1,83	1,83
Correction factor K	m/s ²	0,12	0,12	0,12
Weight	kg	50	49	49

Lightweight halving band saw with manual valve for water connection.

- Cold water spray circuit for cleaning and cooling the saw blade
- Low noise and vibration
- Safe handling thanks to lid lock
- Long saw blade service life thanks to optimized, spring-loaded blade guides



Scope of delivery

Type	Order no.	Description
EFA SB 287 E	110890916 007015234	EFA SB 287 E, bisecting saw with band, 42 V, 50 Hz Control 42 V, 50 Hz / 60 Hz (please order with the saw)
EFA SB 287 E	110890919 007015251	EFA SB 287 E, band resaw, 208 V, 60 Hz Control 208 V, 50 Hz / 60 Hz (please order with the saw)
EFA SB 287 E	110890936 007015233	EFA SB 287 E, bisecting saw with band, 400 V, 50 Hz Control 400 V, 50 Hz / 60 Hz (please order with the saw)

*Accessorie

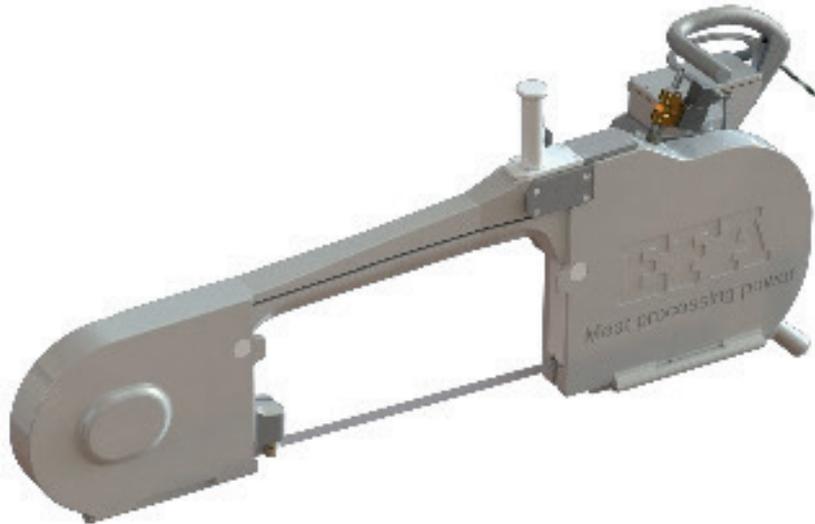
Order no.	Description	**Illustration
001620053	Standard spring balancer, cable extension 2.1 m, load range 45-60 kg	
001363702	Saw band 2904 mm long (10 pcs/pack)	
001950252	Sliding trolley	
007009329	Cleaning cabin	
001604507	Transformer for 42 V, 3000 VA	
007899564	Maintenance set for EFA 287	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA SB 289 E Bisecting saw



Technical data

		EFA 289 E 42 V 50 Hz	EFA 289 E 208 V 60 Hz	EFA 289 E 400 V 50 Hz
Nominal voltage	V	42	208	400
Frequency	Hz	50	60	50
Amperage	A	43	8,7	4,5
Motor power	W	2200	2200	2200
Speed	min ⁻¹	540	650	540
Connection cable	m	6	6	6
Protection class		III	I	I
Protection class		IP 65	IP 65	IP 65
Saw band length x width	mm	2904x19	2904x19	2904x19
Cutting length	mm	460	460	460
Cutting time/animal	s	20-25	20-25	20-25
Water connection	Customs	1/2"	1/2"	1/2"
Operating pressure (water)	cash	2-5	2-5	2-5
Water consumption	l/min	max.20	max.20	max.20
L _{pA} Sound pressure level	dB	77	77	77
L _{WA} Sound power level	dB	88	88	88
ahd Vibration characteristic value	m/s ²	0,96	0,96	0,96
Correction factor K	m/s ²	0,1	0,1	0,1
Weight	kg	57	55	55

Lightweight halving bandsaw with solenoid valve for water connection in premium version.

- Polished housing
- Cold water spray circuit for cleaning and cooling the saw blade
- Low noise and vibration
- Safe handling thanks to lid lock
- Long saw blade service life thanks to optimized, spring-loaded blade guides

Lightweight halving bandsaw **special version (C)**.

- without solenoid valve
- sandblasted housing
- Cold water spray circuit for cleaning and cooling the saw blade
- Low noise and vibration
- Safe handling thanks to lid lock
- Long saw blade service life thanks to optimized, spring-loaded blade guides



Scope of delivery

Type	Order no.	Description
EFA SB 289 E	110890945	EFA SB 289 E, bisecting saw with band, 42 V, 50 Hz
EFA SB 289 E	110890947	EFA SB 289 E (C), band resaw, 42 V, 50 Hz
	007015234	Control 208 V, 50 Hz / 60 Hz (please order with the saw)
EFA SB 289 E	110890943	EFA SB 289 E, band resaw, 208 V, 60 Hz
	007015251	Control 208 V, 50 Hz / 60 Hz (please order with the saw)
EFA SB 289 E	110890949	EFA SB 289 E, bisecting saw with band, 400 V, 50 Hz
EFA SB 289 E	110890949	EFA SB 289 E (C), bisecting saw with band, 400 V, 50 Hz
	007015233	Control 400 V, 50 Hz / 60 Hz (please order with the saw)

*Accessorie

Order no.	Description	**Illustration
001620053	Standard spring balancer, cable extension 2.1 m, load range 45-60 kg	
001363702	Saw band 2904 mm long (10 pcs/pack)	
001950252	Sliding trolley	
007009329	Cleaning cabin	
001604510	Transformer for 42 V, 5000 VA	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA SB 295 E Bisecting saw



Technical data

		EFA 295 E 42 V 50 Hz	EFA 295 E 208 V 60 Hz	EFA 295 E 400 V 50 Hz
Nominal voltage	V	42	208	400
Frequency	Hz	50	60	50
Amperage	A	42	10,5	4,5
Motor power	W	2300	2300	2300
Speed	min ⁻¹	540	650	540
Connection cable	m	6	6	6
Protection class		III	I	I
Protection class		IP 65	IP 65	IP 65
Saw band length x width	mm	2904x19	2904x19	2904x19
Cutting length	mm	460	460	460
Cutting time/animal	s	10 - 15	10 - 15	10 - 15
Water connection	Customs	1/2"	1/2"	1/2"
Operating pressure (water)	cash	2-5	2-5	2-5
Water consumption	l/min	max.20	max.20	max.20
LpA Sound pressure level	dB	75	75	75
LWA Sound power level	dB	86	86	86
ahd Vibration characteristic value	m/s ²	0,4	0,4	0,4
Correction factor K	m/s ²	0,03	0,03	0,03
Weight	kg	73	73	72

Output approx. 80 - 100 pigs per hour

Powerful halving band saw for halving pigs, sows and boars with water connection and built-in hot water nozzle system for internal cleaning.

- Hot and cold water spray circuit for cleaning and cooling the band saw blade.
- Low noise and vibration.
- Safe handling thanks to lid lock and 2-hand safety switch
- Long saw band service life thanks to optimized, spring-loaded band guides



Scope of delivery

Type	Order no.	Description
EFA SB 295 E	110891030 007015271	EFA SB 295 E, bisecting saw with band, 42 V, 50 Hz Control vst. 42 V, 50 Hz / 60 Hz (please order with the saw)
EFA SB 295 E	110891040 007015272	EFA SB 295 E, band resaw, 208 V, 60 Hz Control vst. 208 V, 50 Hz / 60 Hz (please order with the saw)
EFA SB 295 E	110891050 007015273	EFA SB 295 E, bisecting saw with band, 400 V, 50 Hz Control vst. 400 V, 50 Hz / 60 Hz (please order with the saw)

*Accessorie

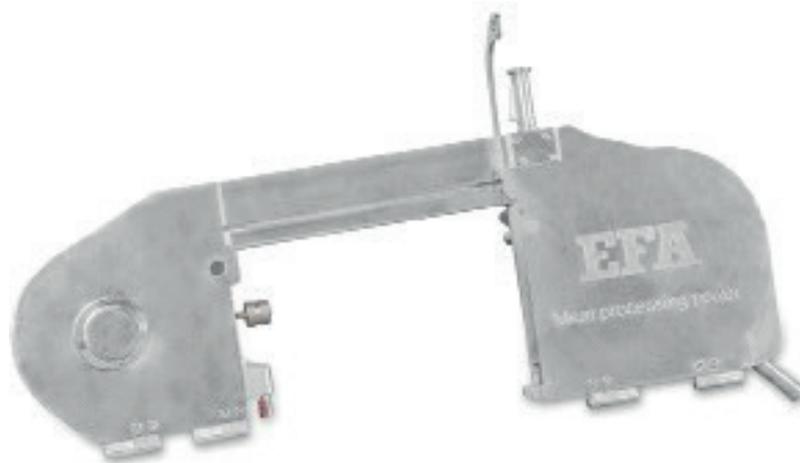
Order no.	Description	**Illustration
001620083	Stainless steel spring balancer, cable extension 2 m, load range 65-80 kg	
001363702	Saw band 2904 mm long (10 pcs/pack)	
001950252	Sliding trolley	
007009329	Cleaning cabin	
001604510	Transformer for 42 V, 5000 VA	
007899570	Maintenance set for EFA SB 295	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA SB 327 E Bisecting saw



Technical data

		EFA 327 E 42 V 50 Hz	EFA 327 E 42 V 60 Hz	EFA 327 E 208 V 60 Hz	EFA 327 E 400 V 50 Hz	EFA 327 E 600 V 60 Hz
Nominal voltage	V	42	42	208	400	600
Frequency	Hz	50	60	60	50	60
Amperage	A	54,2	54,2	12,1	6	4
Motor power	W	2500	2500	2500	2500	2500
Speed	min ⁻¹	520	520	620	520	620
Connection cable	m	6	6	6	6	6
Protection class		III	III	I	I	I
Protection class		IP 65	IP 65	IP 65	IP 65	IP 65
Saw band length x width	mm	3226x19	3226x19	3226x19	3226x19	3226x19
Cutting length	mm	500	500	500	500	500
Cutting time/animal	s	15-25	15-25	15-25	15-25	15-25
Water connection	Customs	1/2"	1/2"	1/2"	1/2"	1/2"
Operating pressure (water)	cash	2-5	2-5	2-5	2-5	2-5
Water consumption	l/min	max.20	max. 20	max.20	max.20	max.20
L _{pA} Sound pressure level	dB	73	73	73	73	73
L _{WA} Sound power level	dB	84	84	84	84	84
ahd Vibration characteristic value	m/s ²	0,18	0,18	0,18	0,18	0,18
Correction factor K	m/s ²	0,02	0,02	0,02	0,02	0,02
Weight	kg	90	90	82	82	82

Output approx. 65 - 75 cattle per hour

Electric high-performance halving band saw for halving cattle, cows, bulls, steers and calves with water connection and built-in hot water nozzle system for internal cleaning.

- Automatic hot and cold water supply for cleaning and cooling the saw blade
- Very quiet and low vibration
- Safe handling thanks to two-hand safety switch and lid lock
- Optimized cutting chamber profile with extremely narrow Bar and centrally positioned torque wrench
- Long saw band service life thanks to optimized, spring-loaded band guide
- Maintenance-friendly cover removal



Scope of delivery

Type	Order no.	Description
EFA SB 327 E	110891002 007015271	EFA SB 327 E, bisecting saw with band, 42 V, 50 Hz, Control vst. 42 V, 50 Hz / 60 Hz (please order with the saw)
EFA SB 327 E	110891006 007015271	EFA SB 327 E, band resaw, 42 V, 60 Hz, Control vst. 42 V, 50 Hz / 60 Hz (please order with the saw)
EFA SB 327 E	110891021 007015272	EFA SB 327 E, band resaw, 208 V, 60 Hz, Control vst. 208 V, 50 Hz / 60 Hz (please order with the saw)
EFA SB 327 E	110891012 007015273	EFA SB 327 E, bisecting saw with band, 400 V, 50 Hz, Control vst. 400 V, 50 Hz / 60 Hz (please order with the saw)
EFA SB 327 E	110891016 007015285	EFA SB 327 E, bisecting saw with band, 600 V, 50 Hz, Control vst. 600 V, 50 Hz / 60 Hz (please order with the saw)

*Accessorie

S

Order no.	Description	**Illustration
001620049	Standard spring balancer, cable extension 3 m, load range 82-95 kg	
001971199	Saw band 3226 mm long (10 pcs/pack)	
001950252	Sliding trolley	
007009329	Cleaning cabin	
001604510	Transformer for 42 V, 5000 VA	
007899565	Maintenance set for EFA 327	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA cleaning cabin



Technical data

Weight	kg	70
Water supply (connection)	Custom	1/2 "
Drainage pipe (length)	mm	76.1 mm
Air connection pipe (length)	mm	76.1 mm
Water temperature range	°C	+5° C to +80° C
External dimensions (height x width x depth)	cm	113,23 x 42,84 x 125,2

EFA cleaning cabin suitable for all EFA band saws (EFA SB 287 E, EFA SB 289 E, EFA SB 295 E and EFA SB 327 E).

- for quick and thorough cleaning in the production process

Scope of delivery

Type	Order no.	Description
EFA cleaning cabin	007015219	Cleaning cabin for band saws



Anesthesia

Slaughter

Finishing tools

Spare parts | Service

CIRCULAR SAWS ELECTRIC

2.6



EFA SK 18 WB Cut-off saw



Technical data

		EFA SK 18 WB 42 V 50/60 Hz	EFA SK 18 WB 115 V 50/60 Hz	EFA SK 18 WB 230 V 50/60 Hz
Nominal voltage	V	42	115	230
Frequency	Hz	50 / 60	50 / 60	50 / 60
Amperage	A	25,2	9,2	4,55
Motor power	W	1020	1020	1020
Speed	min ⁻¹	1650	1650	1650
Connection cable	m	3,5	3,5	3,5
Protection class		III	I	I
Protection class		IP 24	IP 24	IP 24
Saw blade Ø	mm	180	180	180
Cutting depth	mm	15-65	15-65	15-65
L _{PA} Sound pressure level	dB	79	79	79
L _{WA} Sound power level	dB	90	90	90
ahd Vibration characteristic value	m/s ²	0,857	0,857	0,857
Correction factor K	m/s ²	0,056	0,056	0,056
Weight	kg	6,7	6,7	6,7

The handy standard jigsaw for craftsmen and medium-sized businesses.

- Powerful, splash-proof universal motor
- Low weight Adjustable
- cutting depth
- High operational safety thanks to built-in electronic motor brake
- Low maintenance and durable

Suitable saw blades for various applications can be found in the overview on page 226.



Scope of delivery

Type	Order no.	Description
	110885330	SK 18 WB Cut-off saw 42 V, 50/60 Hz
EFA SK 18 WB	110885320	SK 18 WB Cut-off saw 115 V, 50/60 Hz
	110885310	SK 18 WB Cut-off saw 230 V, 50/60 Hz

*Accessorie

Order no.	Description	**Illustration
001620030	Standard spring balancer, cable extension 2 m, load range 4.5-7.0 kg	
001604516	Transformer 1250 VA for 42 V	
007899567	Maintenance set for EFA SK 18 WB	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA SK 23/18 Cut-off saw



Technical data

		EFA SK 23/18 42 V 50/60 Hz	EFA SK 23/18 230 V 50/60 Hz
Nominal voltage	V	42	230
Frequency	Hz	50 / 60	50 / 60
Amperage	A	46	8,4
Motor power	W	1800	1800
Speed	min ⁻¹	1350	1350
Connection cable	m	3,5	3,5
Protection class		III	I
Protection class		IP 24	IP 24
Saw blade Ø	mm	230	230
Cutting depth	mm	15-75	15-75
L _{pA} Sound pressure level	dB	85	85
L _{WA} Sound power level	dB	96	96
ahd Vibration characteristic value	m/s ²	5,747	5,747
Correction factor K	m/s ²	0,26	0,26
Weight	kg	9,8	9,8

Powerful cutting saw for pig halves; for medium and large farms.

- Powerful, splash-proof universal motor
- Adjustable cutting depth
- Built-in patented centrifugal brake for saw blade stop
- Robust and easy to maintain

Suitable saw blades for various applications can be found in the overview on page 226.



Scope of delivery

Type	Order no.	Description
EFA SK 23 / 18	110890307	SK 23 / 18 Cut-off saw 42 V, 50/60 Hz
EFA SK 23 / 18	110890306	SK 23 / 18 Cut-off saw 230 V, 50/60 Hz

*Accessories

Order no.	Description	**Illustration
001620018	Standard spring balancer, cable extension 2 m, load range 9-14 kg	
001604515	Transformer 2000 VA for 42 V	
007899574	Maintenance set for EFA SK23/18, SK 30/18	

Anesthesia

Slaughterer

Finishing tools

Spare parts | Service

* Not included in the basic scope of delivery
 ** Illustrations may vary



EFA SK 30/18 Cut-off saw



Technical data

		EFA SK 30/18 42 V 50/60 Hz	EFA SK 30/18 230 V 50/60 Hz
Nominal voltage	V	42	230
Frequency	Hz	50 / 60	50 / 60
Amperage	A	46	8,4
Motor power	W	1800	1800
Speed	min ⁻¹	1350	1350
Connection cable	m	3,5	3,5
Protection class		III	I
Protection class		IP 24	IP 24
Saw blade Ø	mm	300	300
Cutting depth	mm	100	100
LpA Sound pressure level	dB	88	88
LWA Sound power level	dB	99	99
ahd Vibration characteristic value	m/s ²	3,154	3,154
Correction factor K	m/s ²	0,246	0,246
Weight	kg	11	11

High-performance cutting saw with a long neck for tail and cattle halves; for medium and large farms.

- Powerful, splash-proof universal motor
- Adjustable cutting depth
- Built-in patented centrifugal brake for saw blade stop
- Robust and easy to maintain

Suitable saw blades for various applications can be found in the overview on page 226.



Scope of delivery

Type	Order no.	Description
EFA SK 30/18	110890407	SK 30 / 18 Cut-off saw 42 V, 50/60 Hz
EFA SK 30/18	110890406	SK 30 / 18 Cut-off saw 230 V, 50/60 Hz

*Accessories

Order no.	Description	**Illustration
001620018	Standard spring balancer, cable extension 2 m, load range 9-14 kg	
001604515	Transformer 2000 VA for 42 V	
007899574	Maintenance set for EFA SK23/18, SK 30/18	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA 85 Cut-off saw



Technical data

		EFA 85 42 V 50 Hz	EFA 85 DS 42 V 50 Hz	EFA 85 115 V 50 Hz	EFA 85 208 V 60 Hz	EFA 85 400 V 50 Hz	EFA 85 400 V 60 Hz	EFA 85 DS 400 V 50Hz
Nominal voltage	V	42	42	115	208	400	400	400
Frequency	Hz	50	50	50	60	50	60	50
Amperage	A	33	33	12,1	7,3	3,5	3,5	3,5
Motor power	W	1500	1500	1500	1500	1500	1500	1500
Speed	min ⁻¹	1150	1150	1150	1350	1150	1350	1150
Connection cable	m	4	4	4	4	4	4	4
Protection class		III	III	I	I	I	I	I
Protection class		IP 65	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65
Saw blade Ø	mm	300	300	300	300	300	300	300
Cutting depth	mm	100	100	100	100	100	100	100
L _{pA} Sound pressure level	dB	74	71	74	74	74	74	71
L _{WA} Sound power level	dB	85	82	85	85	85	85	82
a _{hd} Vibration characteristic value	m/s ²	0,644	0,851	0,644	0,644	0,655	0,655	0,851
Correction factor K	m/s ²	0,096	0,179	0,096	0,096	0,096	0,096	0,179
Weight	kg	16	17	16	16	16	16	17

High-performance cutting saw for cattle halves; for medium and large cattle and large companies

- Powerful three-phase motor Fully
- enclosed housing Smooth surfaces, easy
- to clean Ergonomic handle position
- Built-in patented centrifugal brake for saw blade stop

Suitable saw blades for various applications can be found in the overview on page 226.



Scope of delivery

Type	Order no.	Description
EFA 85	110886302	EFA 85 Cut-off saw 42 V, 50 Hz
EFA 85	110886305	EFA 85 Cut-off saw 115 V, 50 Hz
EFA 85	110886334	EFA 85 Cut-off saw 208 V, 60 Hz
EFA 85	110886300	EFA 85 Cut-off saw 400 V, 50 Hz
EFA 85	110886343	EFA 85 Cut-off saw 400 V, 60 Hz
EFA 85	110886307	EFA 85 Cut-off saw 42 V, 50 Hz (contactor control)
	001604101	Contactor control unit for EFA 85 cut-off saw 42 V, 50 Hz (please order in addition to the EFA 85 cut-off saw)
EFA 85 DS	110886304	EFA 85 Cut-off saw 42 V, 50 Hz
	001604109	Two-hand control 42 V, 50 Hz (please order with the saw)
EFA 85 DS	110886308	EFA 85 Cut-off saw 400 V, 50 Hz
	001604112	Two-hand control 400 V, 50 Hz (please order with the saw)

*Accessories

Order no.	Description	**Illustration
001620019	Standard spring balancer, cable extension 2 m, load range 13-17 kg	
001604507	Transformer for 42 V, 3000 VA	
007899573	Maintenance set for EFA 85, 86, 185, 186	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA 86 Cut-off saw



Technical data

		EFA 86 42 V 50 Hz	EFA 86 DS 42 V 50 Hz	EFA 86 208 V 60 Hz	EFA 86 400 V 50 Hz	EFA 86 DS 400 V 50 Hz
Nominal voltage	V	42	42	208	400	400
Frequency	Hz	50	50	60	50	50
Amperage	A	33	33	7,3	3,5	3,5
Motor power	W	1500	1500	1500	1500	1500
Speed	min ⁻¹	1150	1150	1350	1150	1150
Connection cable	m	5	5	5	5	5
Protection class		III	III	I	I	I
Protection class		IP 65	IP 65	IP 65	IP 65	IP 65
Saw blade Ø	mm	230	230	230	230	230
Cutting depth	mm	15-75	15-75	15-75	15-75	15-75
<small>LpA</small> Sound pressure level	dB	71	67	71	71	67
<small>LWA</small> Sound power level	dB	82	78	82	82	78
ahd Vibration characteristic value	m/s ²	0,446	1,103	0,446	0,446	1,103
Correction factor K	m/s ²	0,018	0,082	0,018	0,018	0,082
Weight	kg	16	17	16	16	17

Powerful cutting saw for pig halves and sheep; for medium and large farms.

- Powerful three-phase motor Fully
- enclosed housing Smooth surfaces, easy
- to clean Ergonomic handle position
- Built-in patented centrifugal brake for saw blade stop
- Adjustable cutting depth

Suitable saw blades for various applications can be found in the overview on page 226.



Scope of delivery

Type	Order no.	Description
EFA 86	110886322	EFA 86 Cut-off saw 42 V, 50 Hz
EFA 86	110886336	EFA 86 Cut-off saw 208 V, 60 Hz
EFA 86	110886320	EFA 86 Cut-off saw 400 V, 50 Hz
EFA 86	110886327	EFA 86 Cut-off saw 42 V, 50 Hz (contactor control)
	001604101	Contacteur control unit for EFA 86 cut-off saw 42 V, 50 Hz (please order with the saw)
EFA 86	110886324	EFA 86 Cut-off saw 42 V, 50 Hz
	001604109	Two-hand control 42 V, 50 Hz (please order with the saw)
EFA 86	110886328	EFA 86 Cut-off saw 400 V, 50 Hz
	001604112	Two-hand control 400 V, 50 Hz (please order with the saw)

*Accessorie

S

Order no.	Description	**Illustration
001620019	Standard spring balancer, cable extension 2 m, load range 13-17 kg	
001604507	Transformer for 42 V, 3000 VA	
007899573	Maintenance set for EFA 85, 86, 185, 186	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA 185 Cut-off saw



Technical data

		EFA 185 42 V 50 Hz	EFA 185 208 V 60 Hz	EFA 185 400 V 50 Hz
Nominal voltage	V	42	208	400
Frequency	Hz	50	60	50
Amperage	A	33	6,7	3,5
Motor power	W	1500	1500	1500
Speed	min ⁻¹	1150	1350	1150
Connection cable	m	4	4	4
Protection class		III	I	I
Protection class		IP 65	IP 65	IP 65
Saw blade Ø	mm	300	300	300
Cutting depth	mm	100	100	100
L_{pA} Sound pressure level	dB	75	75	75
L_{WA} Sound power level	dB	86	86	86
ahd Vibration characteristic value	m/s ²	0,637	0,637	0,637
Correction factor K	m/s ²	0,085	0,085	0,085
Weight	kg	17	17	17

High-performance cutting saw with long neck for cutting cattle halves; for medium-sized and large companies.

- Powerful three-phase motor Fully
- enclosed housing Smooth surfaces, easy
- to clean Ergonomic handle position
- Built-in patented centrifugal brake for saw blade stop

Suitable saw blades for various applications can be found in the overview on page 226.



Scope of delivery

Type	Order no.	Description
EFA 185	110886312	EFA 185 Cut-off saw 42 V, 50 Hz
EFA 185	110886319	EFA 185 Cut-off saw 208 V, 60 Hz
EFA 185	110886310	EFA 185 Cut-off saw 400 V, 50 Hz

*Accessorie

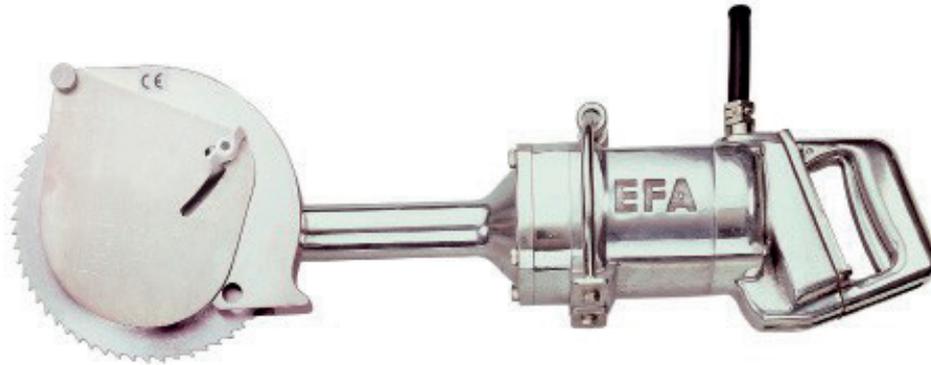
Order no.	Description	**Illustration
001620019	Standard spring balancer, cable extension 2 m, load range 13-17 kg	
001604507	Transformer for 42 V, 3000 VA	
007899573	Maintenance set for EFA 85, 86, 185, 186	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA 186 Cut-off saw



Technical data

		EFA 186 42 V 50 Hz	EFA 186 208 V 60 Hz	EFA 186 400 V 50 Hz
Nominal voltage	V	42	208	400
Frequency	Hz	50	60	50
Amperage	A	33	7,3	3,5
Motor power	W	1500	1500	1500
Speed	min ⁻¹	1150	1350	1150
Connection cable	m	5	5	5
Protection class		III	I	I
Protection class		IP 65	IP 65	IP 65
Saw blade Ø	mm	230	230	230
Cutting depth	mm	15-75	15-75	15-75
L _{pA} Sound pressure level	dB	72	72	72
L _{WA} Sound power level	dB	83	83	83
ahd Vibration characteristic value	m/s ²	0,847	0,847	0,847
Correction factor K	m/s ²	0,039	0,039	0,039
Weight	kg	17	17	17

Powerful cutting saw with long neck for pig halves and sheep; for medium and large farms.

- Powerful three-phase motor Fully
- enclosed housing Smooth surfaces, easy
- to clean Ergonomic handle position
- Built-in patented centrifugal brake for saw blade stop
- Adjustable cutting depth

Suitable saw blades for various applications can be found in the overview on page 226.



Scope of delivery

Type	Order no.	Description
EFA 186	110886332	EFA 186 Cut-off saw 42 V, 50 Hz
EFA 186	110886367	EFA 186 Cut-off saw 208 V, 60 Hz
EFA 186	110886330	EFA 186 Cut-off saw 400 V, 50 Hz

*Accessorie

S

Order no.	Description	**Illustration
001620019	Standard spring balancer, cable extension 2 m, load range 13-17 kg	
001604507	Transformer for 42 V, 3000 VA	
007899573	Maintenance set for EFA 85, 86, 185, 186	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA SK 40 E



Technical data

		EFA SK 40 E 42 V 50 / 60 Hz	EFA SK 40 E 230 V 60 Hz	EFA SK 40 E 400 V 50 Hz	EFA SK 40 E 415 V 60 Hz	EFA SK 40 E 440-460V60Hz
Nominal voltage	V	42	230	400	415	440 - 460
Frequency	Hz	50 / 60	60	50	60	60
Amperage	A	45	8,5	5	4,6	4,45 -4,26
Motor power	W	2500	2500	2500	2500	2500
Speed	min ⁻¹	1400	1400	1400	1400	1400
Connection cable	m	6	6	6	6	6
Protection class		III	I	I	I	I
Protection class		IP 44	IP 44	IP 44	IP 44	IP 44
Saw blade Ø	mm	400	400	400	400	400
Cutting depth	mm	140	140	140	140	140
Water consumption	l/min	7	7	7	7	7
L _{pA} Sound pressure level	dB	77	77	77	77	77
L _{WA} Sound power level	dB	88	88	88	88	88
a _{hd} Vibration characteristic value	m/s ²	1,031	1,031	1,031	1,031	1,031
Correction factor K	m/s ²	0,151	1,151	0,151	0,151	0,151
Weight	kg	47	42	42	42	42

Output approx. 80 - 100 pigs per hour

Bisecting circular saw for pigs, sows and boars.

- High operational safety thanks to built-in saw blade stop
- two-hand safety circuit
- Easy to clean, outer parts made of corrosion-resistant material.
- High cutting speed
- Water connection for cleaning and cooling the saw blade
- Built-in solenoid valve to control the water consumption

Suitable saw blades for various applications can be found in the overview on page 226.



Scope of delivery

Type	Order no.	Description
EFA SK 40 E	110888206 007009622	EFA SK 40 Bisecting saw 400V, 50Hz Control 400 V, 50 Hz (please order with the saw)
EFA SK 40 E	110888216 007009757	EFA SK 40 Bisecting saw 42 V, 50 Hz Control 42 V, 50 Hz (please order with the saw)
EFA SK 40 E	110888236 001604112	EKA SK 40 Bisecting saw 415 V, 60 Hz Control unit 415 V, 60 Hz (please order with the saw)
EFA SK 40 E	110888217 007009757	EKA SK 40 Bisecting saw 42 V, 60 Hz Control 42 V, 60 Hz (please order with the saw)
EFA SK 40 E	110888246 001604125	EFA SK 40 Bisecting saw 440 / 460 V, 60 Hz Control 440 / 460 V, 60 Hz (please order with the saw)
EFA SK 40 E	110888256 001604111	EFA SK 40 Bisecting saw 230 V, 60 Hz Control 230 V, 60 Hz (please order with the saw)

*Accessories

Order no.	Description	**Illustration
001620051	Standard spring balancer, cable extension 3 m, load range 31-50 kg	
001604510	Transformer for 42 V, 5000 VA	
001950252	Sliding trolley	
003004968	Saw blade Ø 400 mm	

* Not included in the basic scope of delivery

** Illustrations may vary

CIRCULAR SAWS COMPRESSED AIR

2.7



EFA SK 16 / 8D rip saw



Technical data

Operating pressure	cash	7
Air consumption at full load	l/min	900
Performance	W	790
Speed (saw blade)	min ⁻¹	2000
Saw blade Ø	mm	160
Cutting depth (adjustable)	mm	15-45
Connecting the maintenance unit	Custom s	R 3/8"
Hose length	m	5
Weight	kg	2,7
Hand-arm vibration	m/s ²	< 2,5
Sound pressure level	dB	> 85
Cross-section Connection Ø d	mm	13
Cross-section Connection Ø D	mm	18
Output approx. 200 - 250 animals per hour		

Breastbone saw and light cutting saw with compressed air drive, for rib sawing for pigs and sows, as well as cutting calves, sheep and game.

- Light and easy to handle
- Removable second handle
- Adjustable cutting depth
- Various saw blades available

Suitable saw blades for various applications can be found in the overview on page 226.



Scope of delivery

Type	Order no.	Description
EFA SK 16 / 8D	110890510	EFA 16/8D rip saw with standard saw blade (A), compressed air

*Accessories

Order no.	Description	**Illustration
001620070	Spring balancer, cable extension 2 m, stainless, load range 1.5-3 kg	
001366812	Compressed air hose, 5 m	
001367045	Maintenance unit R1/2"	
001365612	Special oil, 5 l	
07899569	Maintenance set for EFA SK16-8, SK18/8D	

Anesthesia

Slaughterer

Finishing tools

Spare parts | Service

* Not included in the basic scope of delivery

** Illustrations may vary



EFA SK 18 / 8D rip saw



Technical data

Operating pressure	cash	7
Air consumption at full load	l/min	900
Performance	W	790
Speed (saw blade)	min ⁻¹	2000
Saw blade Ø	mm	180
Cutting depth	mm	60
Connecting the maintenance unit	Custom s	R 3/8"
Hose length	m	5
Weight	kg	3,1
Hand-arm vibration	m/s ²	< 2,5
Sound pressure level	dB	> 85
Cross-section Connection Ø d	mm	13
Cross-section Connection Ø D	mm	18
Output approx. 200 - 250 animals per hour		

Breastbone saw and light cutting saw with compressed air drive, for rib sawing for pigs and sows, as well as cutting calves, sheep and game.

- Light and easy to handle
- Removable second handle
- Adjustable cutting depth
- Various saw blades available

Suitable saw blades for various applications can be found in the overview on page 226.



Scope of delivery

Type	Order no.	Description
EFA SK 18 / 8D	110885360	EFA 18/8D rip saw with standard saw blade (B), compressed air

*Accessories

Order no.	Description	**Illustration
001620070	Spring balancer, cable extension 2 m, stainless, load range 1.5-3 kg	
001366812	Compressed air hose, 5 m	
001367045	Maintenance unit R1/2"	
001365612	Special oil, 5 l	
07899569	Maintenance set for EFA SK16-8, SK18/8D	

Anesthesia

Slaughter

Finishing tools

Spare parts | Service

* Not included in the basic scope of delivery

** Illustrations may vary



EFA 17 Circular saw



Technical data

Operating pressure	cash	6-8
Air consumption at full load	l/min	1200
Performance	W	880
Speed (saw blade)	min ⁻¹	1800
Saw blade Ø	mm	210
Cutting depth (adjustable)	mm	15-75
Connecting the maintenance unit	Custom s	R 3/8"
Hose length	m	5
Weight	kg	8,4
Hand-arm vibration	m/s ²	< 2,5
Sound pressure level	dB	< 85
Cross-section Connection Ø d	mm	13
Cross-section Connection Ø D	mm	18
Output approx. 300 - 400 animals per hour		

Powerful cutting saw for beef or pork halves; for medium-sized and large companies.

- High motor power with low weight Easy to
- clean, largely maintenance-free Ergonomic
- handle position
- Air inlet and outlet routed upwards

Suitable saw blades for various applications can be found in the overview on page 226.



Scope of delivery

Type	Order no.	Description
EFA 17	110881700	EFA 17 circular saw with standard saw blade (B), compressed air

*Accessories

Order no.	Description	**Illustration
001620018	Standard spring balancer, cable extension 2 m, load range 9-14 kg	
001366812	Compressed air hose, 5 m	
001367045	Maintenance unit R1/2"	
001365612	Special oil, 5 l	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA 19 Circular saw



Technical data

Operating pressure	cash	6-8
Air consumption at full load	l/min	1200
Performance	W	880
Speed (saw blade)	min ⁻¹	1800
Saw blade Ø	mm	270
Cutting depth	mm	100
Connecting the maintenance unit	Custom s	R 3/8"
Hose length	m	5
Weight	kg	9
Hand-arm vibration	m/s ²	< 2,5
Sound pressure level	dB	< 85
Cross-section Connection Ø d	mm	13
Cross-section Connection Ø D	mm	18
Output approx. 300 - 400 animals per hour		

Powerful cutting saw for cattle or pig halves; for medium and large farms.

- High motor power with low weight Easy to
- clean, largely maintenance-free Ergonomic
- handle position
- Air inlet and outlet routed upwards

Suitable saw blades for various applications can be found in the overview on page 226.



Scope of delivery

Type	Order no.	Description
EFA 19	110881900	EFA 19 circular saw with standard saw blade (B), compressed air

*Accessories

Order no.	Description	**Illustration
001620018	Standard spring balancer, cable extension 2 m, load range 9-14 kg	
001366812	Compressed air hose, 5 m	
001367045	Maintenance unit R1/2"	
001365612	Special oil, 5 l	

Anesthesia

Slaughterer

Finishing tools

Spare parts | Service

* Not included in the basic scope of delivery

** Illustrations may vary

GUTLESS CUTTERS AND VACUUM SYSTEMS

2.8



EFA 202 rectal cutter



Technical data

Operating pressure	cash	6
Air consumption at full load	m ³ /min	520
Performance	W	480
Speed (blade revolutions)	min ⁻¹	1400
Blade length	mm	139
Weight	kg	4
Vibration emission	m/s ²	16,6 (0,275)
L_{pA} Sound pressure level	dB	77
L_{WA} Sound power level	dB	88
L_{pCpeak} peak sound pressure level	dB	93,7
αhd Vibration characteristic value	m/s ²	1,3
Correction factor K	m/s ²	0,16
Output up to 500 pigs per hour		

Rectum cutter with short blade for cleaning and hygienically cutting out the rectum of pigs and sows.

- Very easy and safe handling Complete suction
- of the rectum contents Qualitative enhancement
- of the hind leg Low weight
- Replace the blade in just a few seconds, without special tools
- Different blade diameters available for pigs (51 or 58 mm) and sows (76 mm)

Scope of delivery

Type	Order no.	Description
EFA 202	008010248	EFA 202 rectal cutter (without blade)



*Accessorie

S

Order no.	Description	
007008994	Knife, pigs Ø 51 mm, 139 mm	
007009118	Knife, pigs Ø 58 mm, 139 mm	
007008995	Knife, sows, Ø 76 mm, 139 mm	
001366904	Compressed air hose 5 m	
001330387	Vacuum hose 2.5 m	
001366902	Water hose	
001367045	Maintenance unit R1/2"	
001365612	Special oil, 5 l	
001620071	Stainless steel spring balancer, cable extension 2 m, load range 2 - 5 kg	
007009935	Cleaning cabin	
007899580	Maintenance set for EFA 202, 203, 204	
120003004	EFA VS 200 extraction system, 230 / 400 V, 50 Hz (see page 152)	
120003005	EFA VS 200 extraction system, 208 V, 60 Hz (see page 152)	
120003009	EFA VS 200 extraction system, without pump (see page 152)	
130105320	Knife grinding machine SM2 for EFA 202, 203, 204	

Anesthesia

Slaughterer

Finishing tools

Spare parts | Service

* Not included in the basic scope of delivery

** Illustrations may vary



EFA 203 rectal cutter



Technical data

Operating pressure	cash	6
Air consumption at full load	m ³ /min	520
Performance	W	480
Speed (blade revolutions)	min ⁻¹	1400
Blade length	mm	195
Weight	kg	4
Vibration emission	m/s ²	16,6 (0,275)
L_{pA} Sound pressure level	dB	76
L_{WA} Sound power level	dB	87
L_{pCpeak} peak sound pressure level	dB	94,9
a_{hd} Vibration characteristic value	m/s ²	0,9
Correction factor K	m/s ²	0,08
Output up to 500 pigs per hour		

Rectum cutter with long blade for cleaning and hygienically cutting out the rectum of pigs and sows.

- Very easy and safe handling Complete suction
- of the rectum contents Qualitative enhancement
- of the hind leg Low weight
- Replace the blade in just a few seconds, without special tools
- Different blade diameters available for pigs (51 or 58 mm) and sows (76 mm)

Scope of delivery

Type	Order no.	Description
EFA 203	008010249	EFA 203 rectal cutter (without blade)



*Accessorie

S

Order no.	Description	
007010208	Knife, pigs Ø 51 mm, 195 mm	
007010568	Knife, pigs Ø 58 mm, 195 mm	
007010237	Knife, sows, Ø 76 mm, 195 mm	
001366904	Compressed air hose 5 m	
001330387	Vacuum hose 2.5 m	
001366902	Water hose	
001367045	Maintenance unit R1/2"	
001365612	Special oil, 5 l	
001620071	Stainless steel spring balancer, cable extension 2 m, load range 2 - 5 kg	
007009935	Cleaning cabin	
007899580	Maintenance set for EFA 202, 203, 204	
120003004	EFA VS 200 extraction system, 230 / 400 V, 50 Hz (see page 152)	
120003005	EFA VS 200 extraction system, 208 V, 60 Hz (see page 152)	
120003009	EFA VS 200 extraction system, without pump (see page 152)	
130105320	Knife grinding machine SM2 for EFA 202, 203, 204	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA 204 rectal cutter



Technical data

Operating pressure	cash	6
Air consumption at full load	m ³ /min	520
Performance	W	480
Speed (blade revolutions)	min ⁻¹	1400
Blade length	mm	95/164/175
Weight	kg	4
Vibration emission	m/s ²	16,6 (0,275)
LpA Sound pressure level	dB	77
LWA Sound power level	dB	88
LpCpeak peak sound pressure level	dB	94,2
a_{hd} Vibration characteristic value	m/s ²	1,24
Correction factor K	m/s ²	0,19
Output up to 500 sheep per hour		

Rectum cutter for cleaning and hygienically cutting out the rectum of sheep and turkeys.

- Very easy and safe handling Complete suction
- of the rectal contents. Low weight
-

Scope of delivery

Type	Order no.	Description
EFA 204	008011806	EFA 204 rectal cutter (without blade)



*Accessorie

S

Order no.	Description	
007011657	Knife, sheep Ø 32 mm, 175 mm	
007011809	Knife, sheep Ø 57 mm, 164 mm	
007015362	Knife, turkey, Ø 35 mm, 95 mm	
003015363	Guide pin for turkey knife	
001366904	Compressed air hose 5 m	
001330387	Vacuum hose 2.5 m	
001366902	Water hose	
001367045	Maintenance unit R1/2"	
001365612	Special oil, 5 l	
001620071	Stainless steel spring balancer, cable extension 2 m, load range 2 - 5 kg	
007009935	Cleaning cabin	
007899580	Maintenance set for EFA 202, 203, 204	
120003004	EFA VS 200 extraction system, 230 / 400 V, 50 Hz (see page 152)	
120003005	EFA VS 200 extraction system, 208 V, 60 Hz (see page 152)	
120003009	EFA VS 200 extraction system, without pump (see page 152)	
130105320	Knife grinding machine SM2 for EFA 202, 203, 204	

Anesthesia

Slaughterer

Finishing tools

Spare parts | Service

* Not included in the basic scope of delivery

** Illustrations may vary



EFA VS 200 extraction unit for EFA 202, 203, 204



Technical data

Nominal voltage	V	3 x 400
Frequency	Hz	3 x 208
Amperage	A	3,2
Rated power	kW	0,75
Delivery rate	m ³ /h	25
Volume of the storage container	l	90
Weight (net)	kg	115
Ambient temperature	°C	5 - 35

EFA VS 200 vacuum system for rectum free cutters, for clean, hygienic suction of rectum contents in pigs, sows, sheep and turkeys in conjunction with EFA 202-204 rectum free cutters.

Scope of delivery

Type	Order no.	Description
EFA VS 200 Extraction system for EFA 202, 203, 204	120003004	EFA VS 200 extraction system, 400 V, 50 Hz
EFA VS 200 Extraction system for EFA 202, 203, 204	120003005	EFA VS 200 extraction system, 208 V, 60 Hz
EFA VS 200 Extraction system for EFA 202, 203, 204	120003009	EFA VS 200 extraction system, without pump



EFA-S5 L casing cutter



Technical data

Operating pressure	cash	6
Stroke rate	min ⁻¹	12000
Power consumption	W	300
Stroke	mm	8
Noise level (EN ISO 15744)	dB	71
Weight	kg	0,85
Length	mm	360
Vibration value (EN ISO 28972-8)	m/s ²	<2,5
Air consumption	l/min	350
Connection thread	Custom	G1/4" s
Hose width ø	mm	8

Pneumatic casing cutter with straight blade.

- Simple and clean processing of the casing package Adjustable
- depth stop

Scope of delivery

Type	Order no.	Description
EFA-S5 L	100285000	Pneumatic casing cutter

*Accessorie

Order no.	Description	**Illustration
001961433	Knives (1 pack = 100 pcs.)	
001367024	Maintenance unit R1/4"	
001365612	Special oil, 5 l	

* Not included in the basic scope of delivery

** Illustrations may vary



E 21 Elastrator



Rodding rod For closing the oesophagus in cattle.

Scope of delivery

Type	Order no.	Description
E21	120004660	Elastrator for closing the gullet



*Accessorie

S

Order no.	Description	**Illustration
001971261	Rodding rod E 21	
001971262	Dispenser E 14	
001971263	Pliers E 10	
001971264	Rubber rings E 11, package contents 5000 pcs, approx. 13 mm	

Anesthesia

Slaughterer

Finishing tools

Spare parts | Service

* Not included in the basic scope of delivery

** Illustrations may vary

EXTRACTION SYSTEM, STEAM GENERATOR

2.9



EFA RME D back mark remover



Technical data

Operating pressure	cash	6
Air consumption at full load	l/min	390
Performance	W	215
Blade speed	min ⁻¹	1400
Blade Ø	mm	35
LpA Sound pressure level	dB	80
LWA Sound power level	dB	91
LpCpeak peak sound pressure level	dB	96,9
ahd Vibration characteristic value	m/s ²	0,423
Correction factor K	m/s ²	0,029
Weight	kg	1,5

Compressed air-driven back mark remover especially for use in wet areas.

- Durable blades Easy
- blade change
- Ergonomic Low
- vibration
- Low-wear and easy to maintain Proven air
- motor for the best results.



Scope of delivery

Type	Order no.	Description
EFA RME D	120005400	EFA RME D back mark remover with pneumatic drive

*Accessories

Order no.	Description	**Illustration
003014429	Knife Ø 35 mm	
001367024	Maintenance unit R 1/4 "	
001365612	Special oil, 5 l	
120003006	EFA VS 400 extraction system, 400 V/ 50 Hz	
120003007	EFA VS 400 extraction system, 208 V/ 60 Hz	
120003008	EFA VS 400 extraction system, without pump	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA VS 400 extraction system



Technical data

Nominal voltage	V	400
Frequency	Hz	50
Amperage Nominal	A	14
power Flow rate	kW	5,5
Volume of the storage container	m ³	530
Weight (net) Ambient	l	100
temperature	kg	280
	°C	5-35

Vacuum system for clean, hygienic excision of the spinal cord in cattle and for liposuction in pigs and cattle.



Scope of delivery

Type	Order no.	Description
EFA VS 400	120003006	EFA VS 400, 400 V, 50 Hz, suction unit for spinal cord and fat
EFA VS 400	120003007	EFA VS 400, 208 V, 60 Hz, suction unit for spinal cord and fat
EFA VS 400	120003008	EFA VS 400, without pump, suction unit for spinal cord and fat

*Accessories

Order no.	Description	**Illustration
001985809	Handpiece wide	
001985811	Handpiece narrow with separate nose for changing	
001985810	Handpiece narrow	
001606960	Handpiece with ball joint	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA steam generator



Technical data

Dimensions (L x W x H)	mm	630x430x600
Weight	kg	50
Nominal voltage	V	400
Frequency	Hz	50
Heat output	kW	18
Total connection	kW	18,5
Protection (This must be secured on site)	A	26
Current supply line	A	35
Minimum cross-section	mm	4 x 6
Performance		
Steam output	kg/h	24
Heat output	kcal	15710
Maximum operating pressure	kPa	300
Number of heating elements	kW	4 x 4,5
Installation sizes		
Steam pipe	Custo ms	1/2 "
Water inlet	Custo ms	1/2 "
Blowdown valve	Custo ms	1/2 "
Safety valve	Custo ms	1/2 "
Noise emission during operation	dB	60

Steam generator steam disinfection system for the efficient removal of contamination and reduction of surface bacterial counts on carcasses.

- Suction of impurities such as intestinal contents, hair with vacuum EFA VS 400
- Simultaneous disinfection of the surface using a steam generator
- significantly better germ reduction than by cutting with Knife e.g. for E. coli bacteria
- Increased food safety
- Improved yield due to lower weight loss compared to cutting away
- Reduced risk of cross-contamination due to constant steam disinfection of the handpiece



Scope of delivery

Type	Order no.	Description
EFA steam generator	001985800	EFA steam generator, 400 V, 50 Hz, 18 KW for 2 workstations
EFA steam generator	001985802	EFA steam generator, 400 V, 60 Hz, 18 KW for 2 workstations
EFA steam generator	001985804	EFA steam generator, 200 V, 60 Hz, 18 KW for 2 workstations

*Accessories

Order no.	Description	**Illustration
001985809	Handpiece wide	
001985810	Handpiece narrow	
001606960	Handpiece with ball joint	
001985808	Steam control unit (Accessory for temporarily switching off the steam generator to save energy).	
120003006	EFA VS 400 extraction system, 400 V/ 50 Hz (>> see page 160/161)	
120003007	EFA VS 400 extraction system, 208 V/ 60 Hz (>> see page 160/161)	
120003008	EFA VS 400 suction unit, without pump (>>p. 160/161)	

* Not included in the basic scope of delivery

** Illustrations may vary

Anesthesia

Slaughter

Finishing tools

Spare parts | Service

HUBSAWS

2.10



EFA SL 24 WB



Technical data

		EFA SL 24 WB 42 V 50/60 Hz	EFA SL 24 WB 230 V 50/60 Hz
Nominal voltage	V	42	230
Frequency	Hz	50 / 60	50 / 60
Amperage	A	25,2	4,6
Motor power max.	W	1020	1020
Protection class		III	II
Protection class		IP 24	IP 24
Connection cable	m	4	4
Saw blade length	mm	200	200
Cuts	1/min	1825	1825
Stroke frequency	min ⁻¹	3650	3650
Stroke	mm	25	25
Number of teeth		37	37
L _{pA} Sound pressure level	dB	89	89
L _{WA} Sound power level	dB	100	100
dhd Vibration characteristic value	m/s ²	26	26
Correction factor K	m/s ²	0,9	0,9
Weight	kg	6,4	6,4

Jigsaw with electric drive ideal for rough cutting.

- Prior cutting not necessary
- Fast work thanks to powerful pendulum stroke movement.
- Robust, powerful machine



Scope of delivery

Type	Order no.	Description
EFA SL 24 WB	110890215	EFA SL 24 WB Jigsaw 42 V, 50/60 Hz
EFA SL 24 WB	110890205	EFA SL 24 WB Jigsaw 230 V, 50/60 Hz

*Accessorie

S

Order no.	Description	**Illustration
001620030	Standard spring balancer, cable extension 2 m, load range 4.5 - 7 kg	
001604515	Transformer 2000 VA for 42 V	
003006035	Saw blade 200 mm standard	
003006036	Saw blade 300 mm	
007899566	Maintenance set for EFA SL 24 WB	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA 63 Jigsaw



Technical data

		EFA 63 42 V 50 Hz	EFA 63 115 V 60 Hz	EFA 63 230 V 50 Hz
Nominal voltage	V	42	115	230
Frequency	Hz	50	60	50
Amperage	A	25,2	9,2	4,6
Motor power max.	W	1020	1020	1020
Protection class		III	II	II
Protection class		IP 24	IP 24	IP 24
Connection cable	m	3,5	3,5	3,5
Saw blade length	mm	330 - 350	330 - 350	330 - 350
Cuts	1/min	5000	5000	5000
Stroke frequency	min ⁻¹	5000	5000	5000
Stroke	mm	48	48	48
Number of teeth		55	55	55
L _{pA} Sound pressure level	dB	87	87	87
L _{WA} Sound power level	dB	98	98	98
a _{hd} Vibration characteristic value	m/s ²	26	26	26
Correction factor K	m/s ²	0,75	0,75	0,75
Weight	kg	7,1	7,1	7,1

Jigsaw with electric drive ideal for quartering cattle and many other cutting jobs. The all-round saw for the trade.

- Powerful, splash-proof universal motor
- Ergonomic handle position
- Anti-vibration package Easy-to-clean
- housing



Scope of delivery

Type	Order no.	Description
EFA 63	110888121	EFA 63 jigsaw standard, 42 V, 50 Hz; Sword 440 mm, saw blade 350 mm
EFA 63	110888111	EFA 63 jigsaw standard, 115 V, 60 Hz; Sword 440 mm, saw blade 350 mm
EFA 63	110888101	EFA 63 Jigsaw standard, 230 V, 50 Hz; Sword 440 mm, saw blade 350 mm

*Accessorie

Order no.	Description	**Illustration
001620032	Standard spring balancer, cable extension 2 m, load range 6 - 10 kg	
001604516	Transformer 1250 VA for 42 V	
007013613	Sword long, 440 mm standard	
003009201	Saw blade 350 mm standard	
007013880	Sword short, 330 mm	
003003296	Saw blade short. 240 mm	
007899559	Maintenance set for EFA 63	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA SL 50/18 Jigsaw



Technical data

		EFA SL 50-18 42 V 50/60 Hz	EFA SL 50-18 115 V 50/60 Hz	EFA SL 50-18 230 V 50/60 Hz
Nominal voltage	V	42	115	230
Frequency	Hz	50 / 60	50 / 60	50 / 60
Amperage	A	46	16,8	8,4
Motor power max.	W	1800	1800	1800
Protection class		III	II	II
Protection class		IP 24	IP 24	IP 24
Connection cable	m	3,5	3,5	3,5
Saw blade length	mm	475	475	475
Cuts	1/min	3300	3300	3300
Stroke frequency	min ⁻¹	3300	3300	3300
Stroke	mm	30	30	30
Number of teeth		76	76	76
L _{pA} Sound pressure level	dB	92	92	92
L _{WA} Sound power level	dB	103	103	103
a _{hd} Vibration characteristic value	m/s ²	29,5	29,5	29,5
Correction factor K	m/s ²	1	1	1
Weight	kg	9,8	9,8	9,8

Jigsaw with electric drive for a wide range of disassembly work.

- Powerful, splash-proof universal motor
- Ergonomic handle position
- Anti-vibration package Easy-to-clean
- housing



Scope of delivery

Type	Order no.	Description
EFA SL 50/18	110890607	EFA SL 50/18 Jigsaw 42 V, 50/60 Hz
EFA SL 50/18	110890620	EFA SL 50/18 Jigsaw 115 V, 50/60 Hz
EFA SL 50/18	110890606	EFA SL 50/18 Jigsaw 230 V, 50/60 Hz

*Accessorie

S

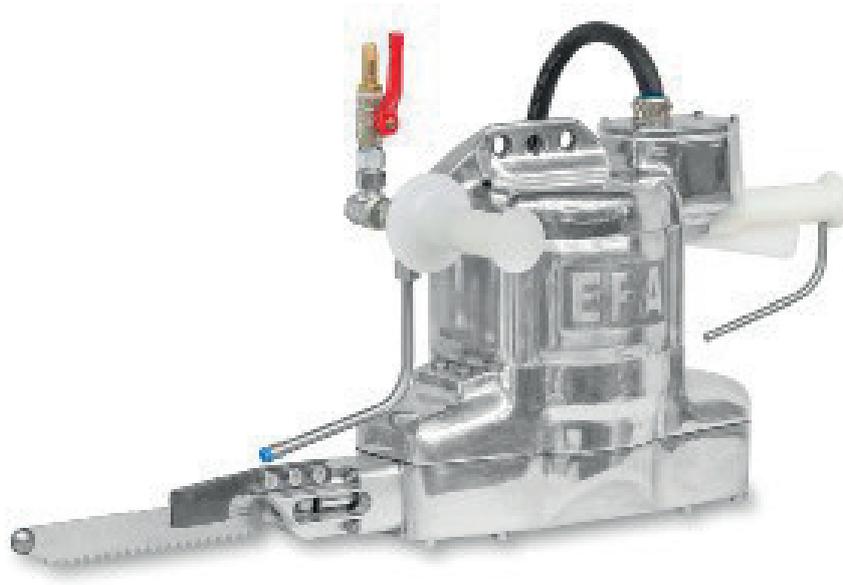
Order no.	Description	**Illustration
001620018	Standard spring balancer, cable extension 2 m, load range 9-14 kg	
001604515	Transformer 2000 VA for 42 V	
007008629	Sword short, 435 mm	
008006703	Sword long with knob 520 mm	
003002821	Saw blade short 380 mm	
003007486	Saw blade long 475 mm	
007899561	Maintenance set for EFA SL 50/18	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA 67 breastbone saw



Technical data

		EFA 67 42 V 50 Hz	EFA 67 208 V 50/60 Hz	EFA 67 400 V 50 Hz
Nominal voltage	V	42	208	400
Frequency	Hz	50	60	50
Amperage	A	32,5	6,5	3,5
Motor power max.	W	1800	1800	1800
Protection class		III	I	I
Protection class		IP 65	IP 65	IP 65
Connection cable	m	4,25	4,5	4,5
Saw blade length	mm	269	269	269
Cuts	1/min	6000	6000	6000
Stroke frequency	min ⁻¹	6000	6000	6000
Stroke	mm	35	35	35
Number of teeth		21	21	21
<small>L_{pA}</small> Sound pressure level	dB	71	71	71
<small>L_{WA}</small> Sound power level	dB	82	82	82
<small>a_{hd}</small> Vibration characteristic value	m/s ²	8,5	8,5	8,5
Correction factor K	m/s ²	0,5	0,5	0,5
Weight	kg	29	29	29

Breastbone saw with electric drive for cattle.

- For sawing open the sternum during hanging slaughter; for medium and large-scale operations.
- Fully enclosed housing, waterproof. Increased
- motor power
- Low vibration Largely
- maintenance-free
- All external parts made of corrosion-resistant materials



Scope of delivery

Type	Order no.	Description
EFA 67	110885656	EFA 67 Breastbone saw, 42 V, 50 Hz
	007015234	Control 42 V, 50 Hz (please order in addition to the saw)
EFA 67	110885695	EFA 67 breastbone saw, 208 V, 50/60 Hz
	007016055	Frequency inverter vst. for EFA 67 208 V, 50/60 Hz Please order with the saw
EFA 67	110885690	EFA 67 breastbone saw, 400 V, 50 Hz

*Accessorie

Order no.	Description	**Illustration
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001620052

Standard spring balancer, cable extension
2 m, load range 20 - 30 kg



001604507

Transformer for 42 V, 3000 VA



007009819

Standard saw blade, 269 mm



007009860

Saw blade long, 341 mm



007010885

Saw blade medium, 294 mm



001950252

Sliding trolley



007899562

Maintenance set for EFA 67



* Not included in the basic scope of delivery

** Illustrations may vary



EFA 69 Bisecting saw



Technical data

		EFA 69 42 V 50 Hz	EFA 69 400 V 50 Hz
Nominal voltage	V	42	400
Frequency	Hz	50	50
Amperage	A	42	4,5
Motor power max.	W	2000	2000
Protection class		III	I
Protection class		IP 65	IP 65
Connection cable	m	4,25	4,5
Saw blade length	mm	520	520
Cuts	1/min	3000	3000
Stroke frequency	min ⁻¹	3000	3000
Stroke	mm	65	65
Number of teeth		34	34
L _{pA} Sound pressure level	dB	81	81
L _{WA} Sound power level	dB	92	92
a _{hd} Vibration characteristic value	m/s ²	6,5	6,5
Correction factor K	m/s ²	3	3
Weight	kg	29	29

Lightweight halving saw for pigs and cattle for low slaughter numbers.

- Fully enclosed housing, waterproof Increased
- motor power
- Low vibration Largely
- maintenance-free
- All external parts made of corrosion-resistant materials



Scope of delivery

Type	Order no.	Description
EFA 69	110885800	EFA 69 Bisecting saw 42 V, 50 Hz
	007015234	Control 42 V, 50 Hz (please order in addition to the saw)
EFA 69	110885815	EFA 69 Bisecting saw, 400 / 230 V, 50 Hz

*Accessorie

Order no.	Description	**Illustration
001620061	Standard spring balancer, cable extension 2 m, load range 35 - 45 kg	
001604507	Transformer for 42 V, 3000 VA	
003010602	Saw blades toothing for pigs, 9 mm	
003010601	Saw blades toothing for cattle, 13 mm	
001950252	Sliding trolley	

* Not included in the basic scope of delivery

** Illustrations may vary



EFA 57 breastbone saw



Technical data

Performance	Watt	1150
Operating pressure	cash	6-8
Air consumption at full load	l/min	1500
Saw blade length	mm	312
Stroke rate	min ⁻¹	3200
Cutting capacity per sternum	s	3-5
Weight	kg	17
Connecting the maintenance unit	Customs	1/2"
Vibration emission (measurement uncertainty)	m/s ²	16,6 (0,275)
Sound pressure level (measurement uncertainty)	dB (A)	89 (3)
Sound power level (measurement uncertainty)	dB (A)	100 (3)
Peak sound pressure level	dB (C)	107,3 (3)
Cross section connection Ø d/D	mm	16 / 22
Output approx. 50 - 60 cattle per hour		

Breastbone saw for cattle with compressed air drive for sawing open the breastbone during hanging slaughter.

- Robust and safe
- High performance with low weight Easy to
- clean, largely maintenance-free
- All external parts made of corrosion-resistant material



Scope of delivery

Type	Order no.	Description
EFA 57	110885700	EFA 57 breastbone saw compressed air

*Accessories

Order no.	Description	**Illustration
001620085	Stainless steel spring balancer, cable extension 2 m, stainless steel, load range 16-21 kg	
007003796	Saw blade	
001366811	Compressed air hose, 5 m	
001367045	Maintenance unit R1/2"	
001365612	Special oil, 5 l	

* Not included in the basic scope of delivery

** Illustrations may vary

FINISHING TOOLS

3

Anesthesia

Slaughter

Finishing tools

Spare parts | Service

Anesthesia

Slaughter

Finishing tools

Spare parts | Service



Anesthesia

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Finishing tools

Spare parts | Service

CUTTING KNIFE, COMPRESSED AIR KNIFE

3.1



EFA 800 compressed air cutting blade



Technical data

Operating pressure	cash	6
Air consumption (at full load)	l/min	650
Performance	W	300
Stroke	mm	8
Stroke frequency	min ⁻¹	22000
Connecting the maintenance unit	Custom	R 3/8"
Hose length	m	5
L_{pA} Sound pressure level	dB	75
L_{WA} Sound power level	dB	86
L_{pCpeak} peak sound pressure level	dB	97,8
dhd Vibration characteristic value	m/s ²	5,784
Correction factor K	m/s ²	0,22
Weight	kg	0,93

Pneumatic cutting knife with blades running against each other for good cutting results.

- Lightweight and low-vibration for fast, fatigue-free work
- Special blades with a long service life
- Blades optionally in 155 mm or 180 mm cutting length Switch-on safety device



Scope of delivery

Type	Order no.	Description
EFA 800	100280000	EFA 800 compressed air cutting blade

*Accessories

Order no.	Description	**Illustration
001367024	Maintenance unit G 1/4 "	
001365612	Special oil, 5 l	
007008753	Pair of blades with serrated edge, cutting length 180 mm (Standard)	
007008752	Pair of blades with serrated edge, cutting length 155 mm	
007899579	Maintenance set for EFA 800	

Anesthesia

Slaughter

Finishing tools

Spare parts | Service

* Not included in the basic scope of delivery
 ** Illustrations may vary



EFA 802 Compressed air cutting blade



Technical data

Operating pressure	cash	6
Air consumption (at full load)	l/min	180
Performance	W	250
Stroke	mm	7
Stroke frequency	min ⁻¹	11200
Connecting the maintenance unit	Custom	R 3/8"
Hose length	m	5
LpA Sound pressure level	dB	58
LWA Sound power level	dB	69
LpCpeak peak sound pressure level	dB	77,6
ahd Vibration characteristic value	m/s ²	4,875
Correction factor K	m/s ²	0,259
Weight	kg	0,5

Dismantling knife with compressed air drive.

- Optimum cutting performance and smooth running Safe to use
- device with high functional reliability Quick and easy blade change
- Secure blade attachment with torque wrench Low noise level
- Highest vibration damping



Scope of delivery

Type	Order no.	Description
EFA 802	100280020	EFA 802 compressed air cutting blade (without blade)

*Accessories

Order no.	Description	**Illustration
001367024	Maintenance unit G 1/4 "	
001365612	Special oil, 5 l	
007011424	Straight blade, 300 mm, with serrated edge, "Bread knife"	
007010254	Straight knife, 220 mm, with serrated edge	
007010251	Straight blade, 300 mm, with scalloped edge, "Salmon knife"	
007010946	Straight blade, 190 mm, narrow, tapered	
007010252	Utility knife, 210 mm	
007010738	Knife with scalloped edge, 150 mm	
007009386	Carving knife 140 mm, tapered, curved cutting edge	
007899577	Maintenance set for EFA 802	

Anesthesia

Slaughter

Finishing tools

Spare parts | Service

* Not included in the basic scope of delivery
 ** Illustrations may vary



EFA 805 Compressed air cutting blade



Technical data

Operating pressure	cash	6
Stroke rate	min-1	12000
Power consumption	W	300
Stroke	mm	8
Noise level (EN ISO 15744)	dB	71
Weight	kg	0,79
Length	mm	250
Vibration value (EN ISO 28972-8)	m/s ²	<2,5
Air consumption	l/min	250
Connection thread	Customs	G1/4"
Hose width ø	mm	8

Dismantling knife with compressed air drive.

- Optimum cutting performance and smooth running Safe to use
- device with high functional reliability Quick and easy blade change
- Secure blade attachment with torque wrench Low noise level
- Highest vibration damping



Scope of delivery

Type	Order no.	Description
EFA 805	100280050	EFA 805 Compressed air cutting blade

*Accessories

Order no.	Description	**Illustration
001367024	Maintenance unit R 1/4 "	
001365612	Special oil, 5 l	
007011424	Straight blade, 300 mm, with serrated edge, "Bread knife"	
007010254	Straight knife, 220 mm, with serrated edge	
007010251	Straight blade, 300 mm, with scalloped edge, "Salmon knife"	
007012037	Suitable attachment kit for the salmon knife for (salmon) Carpaccio	
007010946	Straight knife, 190 mm, narrow, tapered	
007010252	Utility knife, 210 mm	
007010738	Knife with scalloped edge, 150 mm	
007009386	Carving knife 140 mm, tapered, curved cutting edge	
007899578	Maintenance set for EFA 805	

Anesthesia

Slaughter

Finishing tools

Spare parts | Service

* Not included in the basic scope of delivery



EFA PK 25 compressed air cutting blade



Technical data

Operating pressure	cash	7
Stroke rate	min ⁻¹	6000
Power consumption	W	320
Stroke	mm	25
Noise level (EN ISO 15744)	dB	79
Weight	kg	1,35
Length	mm	297
Vibration value (EN ISO 28972-8)	m/s ²	3,9
Air consumption	l/min	350
Connection thread	Customs	G1/4"
Hose width ø	mm	8

Dismantling knife with compressed air drive.

- very powerful cut due to long stroke
- different blades can be used
- Ideal for cutting off pig tail bones



Scope of delivery

Type	Order no.	Description
EFA PK 25	100280030	EFA PK 25 compressed air cutting blade

*Accessories

Order no.	Description	**Illustration
001367024	Maintenance unit G 1/4 "	
001365612	Special oil, 5 l	
007009386	Carving knife 140 mm, tapered, curved cutting edge	
007010946	Straight knife, 190 mm, narrow, tapered	

Anesthesia

Slaughter

Finishing tools

Spare parts | Service

* Not included in the basic scope of delivery
 ** Illustrations may vary

Anesthesia

Slaughter

Finishing tools

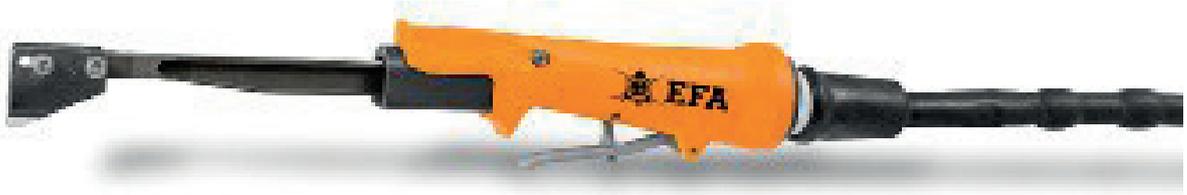
Spare parts | Service

RIB DRAWER

3.2



EFA RZ 100 rib puller



Technical data

Operating pressure	cash	6
Stroke rate	min ⁻¹	7500
Power consumption	W	300
Stroke	mm	8
Noise level (EN ISO 15744)	dB	71
Weight	kg	0,88
Length	mm	250
Vibration value (EN ISO 28972-8)	m/s ²	<2,5
Air consumption	l/min	250
Connection thread	Customs	G1/4 "
Hose width ø	mm	ø 8

Pneumatic rib puller for pigs, sows and boars.

- Patent-protected rib puller with consistently high pulling power
- Longlife motor for continuous operation Extremely robust blade holder
- Can be used for all animal sizes thanks to the selection of different blade sizes
- Low vibration, for long and relaxed work Maintenance-friendly device



Scope of delivery

Type	Order no.	Description
EFA RZ 100 (B20)	100700010	EFA RZ 100 rib puller for pigs with blade holder B20
EFA RZ 100 (B29)	100700000	EFA RZ 100 rib puller for sows and boars with blade holder B29

***Accessories**

Order no.	Description	**Illustration
001367024	Maintenance unit G 1/4 "	
001365612	Special oil, 5 l	
007013342	Blade holder B 20 (width 20 mm for pigs)	
001328307	Rib puller blade 12 mm	
001328308	Rib puller blade 14 mm	
001328309	Rib puller blade 16 mm	
001328310	Rib puller blade 18 mm	
001328311	Rib puller blade 20 mm	
007013293	Blade holder B 29 (width 29 mm for sows and boars)	
001328310	Rib puller blade 18 mm	
001328311	Rib puller blade 20 mm	
001328312	Rib puller blade 22 mm	
001328313	Rib puller blade 28 mm	

* Not included in the basic scope of delivery

** Illustrations may vary

Anesthesia

Slaughter

Finishing tools

Spare parts | Service

HAND RINSER

3.3



EFA 900 manual scraper



Technical data

Performance	W	270
Operating pressure	cash	6
Air consumption	l/min	480
Recommended hose width Ø	mm	7
Connection thread	Customs	G 1/8 "
Speed (roller)	min ⁻¹	420
Noise level	db	81
Vibration	m/s ²	0,22
Weight	kg	1,8

High-performance manual derinder for processing pork and smoked and dried cuts; for all farm sizes.

- Low vibration
- High motor power with low weight User-friendly
- Suitable for continuous use





Scope of delivery

Type	Order no.	Description
EFA 900	100500000	EFA 900 Manual deruster

*Accessories

Order no.	Description	**Illustration
001367024	Maintenance unit G 1/4 "	
001365612	Special oil, 5 l	
007012860	Suspension	
001620022	Standard spring balancer, cable extension 2 m, load range 0.5 - 2 kg	
003012506	Knives (1 pack = 25 pcs.)	
007899563	Maintenance set for EFA 900	

Anesthesia

Slaughter

Finishing tools

Spare parts | Service

* Not included in the basic scope of delivery

** Illustrations may differ

Anesthesia

Slaughter

Finishing tools

Spare parts | Service

FISH SCALER

3.4



EFA 750 fish scaler

Anesthesia

Slaughter



Technical data

		EFA 750 Hand-held device	EFA 750 Power supply unit
Performance	W	90	120
New voltage	V	48	230
Power consumption	A	1,63	1,8
Protection class			I
Protection class		IP X7	IP 66
Cable length	m	2,5	2,5
Weight	kg	0,98	1,5
Speed	min ⁻¹	2000	
Vibration	m ²	1,9	
Sound pressure level (EN ISO 11688-1)	dB	66	

High-performance fish scaler suitable for continuous use.

- Low vibration, high motor power with low weight Light and
- easy to handle

Finishing tools

Spare parts | Service



Scope of delivery

Type	Order no.	Description
EFA 750	100600000	EFA 750 Fish scaler 230/115V, 50/60Hz

*Accessories

Order no.	Description	**Illustration
003012602	Roller	

* Not included in the basic scope of delivery
** Illustrations may vary

Anesthesia

Slaughter

Finishing tools

Spare parts | Service

TRIMMER

3.5

Anesthesia

Slaughter

Finishing tools

Spare parts | Service



EFA 35 E Trimmer



Technical data

Power consumption	A	2,1
Nominal voltage	V	230
Frequency	Hz	50/60
Performance	W	390
Blade speed	min ⁻¹	1500
Blade Ø	mm	35
L_{pA} Sound pressure level	dB	51
L_{WA} Sound power level	dB	72
L_{pCpeak} peak sound pressure level	dB	36
a_{hd} Vibration characteristic value	m/s ²	0,69
Correction factor K	m/s ²	0,122
Protection class		IP 65
Protection class		I
Weight	kg	10,0

Round blade for trimming with electric motor, blade diameter 35 mm.

- New drive with servo synchronous motor without
- gearbox Durable blades
- Easy blade change Low
- vibration
- Ergonomic, adjustable handpiece Low-
- wear and easy to maintain



Scope of delivery

Type	Order no.	Description
EFA 35 E	100640200	EFA 35 E trimmer (with blade and electric motor)

*Accessories

Order no.	Description	**Illustration
003014606	Cranked blade Ø 35 mm	
003014044	Straight blade Ø 35 mm	
008015336	Handpiece trimmer 35 cpl.	

Anesthesia

Slaughter

Finishing tools

Spare parts | Service

* Not included in the basic scope of delivery
 ** Illustrations may vary



EFA 35 D Trimmer



Technical data

Operating pressure	cash	6
Air consumption at full load	l/min	390
Performance	Watt	215
Blade speed	min ⁻¹	1400
Blade Ø	mm	35
L_{pA} Sound pressure level	dB	80
L_{WA} Sound power level	dB	91
L_{pCpeak} peak sound pressure level	dB	95,9
ahd Vibration characteristic value	m/s ²	0,259
Correction factor K	m/s ²	0,019
Weight	kg	1,2

Circular blade for trimming with air motor, blade diameter 35 mm.

- Durable blades Easy
- blade change
- Ergonomic, adjustable handpiece Low
- vibration
- Low-wear and easy to maintain Proven air
- motor for the best results



Scope of delivery

Type	Order no.	Description
EFA 35 D	100610200	EFA 35 D Trimmer (with blade)

*Accessories

Order no.	Description	**Illustration
003014606	Cranked blade Ø 35 mm	
003014044	Straight blade Ø 35 mm	
001367024	Maintenance unit G 1/4 "	
001365612	Special oil, 5 l	

Anesthesia

Slaughter

Finishing tools

Spare parts | Service

* Not included in the basic scope of delivery
 ** Illustrations may vary



EFA 90 E Trimmer



Technical data

Power consumption	A	2,1
Nominal voltage	V	230
Frequency	Hz	50/60
Performance	W	390
Blade speed	min ⁻¹	1400
Blade Ø	mm	90
L_{pA} Sound pressure level	dB	57
L_{WA} Sound power level	dB	78
L_{pCpeak} peak sound pressure level	dB	38
a_{hd} Vibration characteristic value	m/s ²	0,631
Correction factor K	m/s ²	0,05
Protection class		IP 65
Protection class		I
Weight	kg	12,0

Round blade for trimming with electric motor, blade diameter 90 mm.

- New drive with servo synchronous motor without gearbox.
- Durable blades.
- Easy blade change. Low
- vibration.
- Ergonomic, adjustable handpiece. Low
- wear and easy to maintain.



Scope of delivery

Type	Order no.	Description
EFA 90 E	100640000	EFA 90 E Trimmer (with blade)

*Accessories

Order no.	Description	**Illustration
007014273	Cutting depth adjustment & sharpening knob	
007014274	Single sharpening knob	
003014237	Straight blade Ø 90 mm	
003013685	Cranked blade Ø 90 mm	
008013684	Handpiece circular blade cpl.	
130105420	EFA SMT 100 grinding machine for trimmer blades (for EFA Trimmer 90 and 130 blades)	



EFA 90 D Trimmer



Technical data

Operating pressure	cash	6
Air consumption at full load	l/min	390
Performance	Watt	215
Blade speed	min ⁻¹	1400
Blade Ø	mm	90
L_{pA} Sound pressure level	dB	85
L_{WA} Sound power level	dB	96
L_{pCpeak} peak sound pressure level	dB	101,4
a_{hd} Vibration characteristic value	m/s ²	0,72
Correction factor K	m/s ²	0,08
Weight	kg	0,8

Circular blade for trimming with air motor, blade diameter 90 mm.

- Durable blades Easy
- blade change
- Ergonomic, adjustable handpiece Low
- vibration
- Low-wear and easy to maintain Proven air
- motor for the best results



Scope of delivery

Type	Order no.	Description
EFA 90 D	100610000	EFA 90 D trimmer (with blade and electric motor)

*Accessories

Order no.	Description	**Illustration
007014273	Cutting depth adjustment & sharpening knob	
007014274	Single sharpening knob	
003014237	Straight blade Ø 90 mm	
003013685	Cranked blade Ø 90 mm	
001367024	Maintenance unit G 1/4 "	
001365612	Special oil, 5 l	
130105420	EFA SMT 100 grinding machine for trimmer blades (for EFA Trimmer 90 and 130 blades)	

Anesthesia

Slaughter

Finishing tools

Spare parts | Service

* Not included in the basic scope of delivery
 ** Illustrations may vary



EFA 130 E Trimmer



Technical data

Power consumption	A	2,1
Electrical voltage	V	230
Frequency	Hz	50/60
Performance	Watt	390
Blade speed	min ⁻¹	900
Blade (Ø)	mm	130
L_{pA} Sound pressure level	dB	73
L_{WA} Sound power level	dB	34
L_{pCpeak} peak sound pressure level	dB	95,5
a_{hd} Vibration characteristic value	m/s ²	0,63
Correction factor K	m/s ²	0,07
Protection class		IP 65
Protection class		I
Weight	kg	12

Round blade for trimming with electric motor, blade diameter 130mm.

- New drive with servo synchronous motor without gearbox.
- Durable blades.
- Easy blade change. Low
- vibration
- Ergonomic, adjustable handpiece Low-
- wear and easy to maintain



Scope of delivery

Type	Order no.	Description
EFA 130 E	100640100	EFA 130 E Trimmer (with blade and electric motor)

* Accessories

Order no.	Description	
007014311	Cutting depth adjustment & sharpening knob	
007014421	Single sharpening knob	
003014257	Durable blades Ø 130 mm	
008014257	Handpiece trimmer 130 cpl.	
130105420	EFA SMT 100 grinding machine for trimmer blades (for EFA Trimmer 90 and 130 blades)	

Anesthesia

Slaughterer

Finishing tools

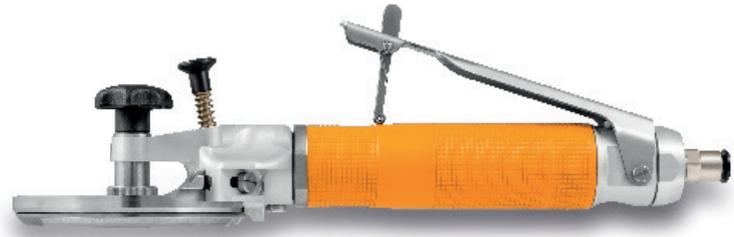
Spare parts | Service

* Not included in the basic scope of delivery

** Illustrations may vary



EFA 130 D Trimmer



Technical data

Operating pressure	cash	6
Air consumption at full load	l/min	390
Performance	Watt	215
Blade speed	min ⁻¹	800
Blade (Ø)	mm	130
L_{pA} Sound pressure level	dB	86
L_{WA} Sound power level	dB	97
L_{pCpeak} peak sound pressure level	dB	101,9
a_{hd} Vibration characteristic value	m/s ²	0,73
Correction factor K	m/s ²	0,03
Weight	kg	0,8

Circular blade for trimming with air motor, blade diameter 130mm.

- Durable blades. Easy to change blades.
- Ergonomic, adjustable handpiece. Low vibration
- Low wear and easy to maintain. Proven air motor for the best results



Scope of delivery

Type	Order no.	Description
EFA 130 D	100610100	EFA 130 D Trimmer (with blade)

*Accessories

Order no.	Description	**Illustration
007014311	Cutting depth adjustment & sharpening knob	
007014421	Single sharpening knob	
003014257	Durable blades Ø 130 mm	
001367024	Maintenance unit G 1/4 "	
001365612	Special oil, 5 l	
130105420	EFA SMT 100 grinding machine for trimmer blades (for EFA Trimmer 90 and 130 blades)	

* Not included in the basic scope of delivery

SPARE PARTS & SERVICE

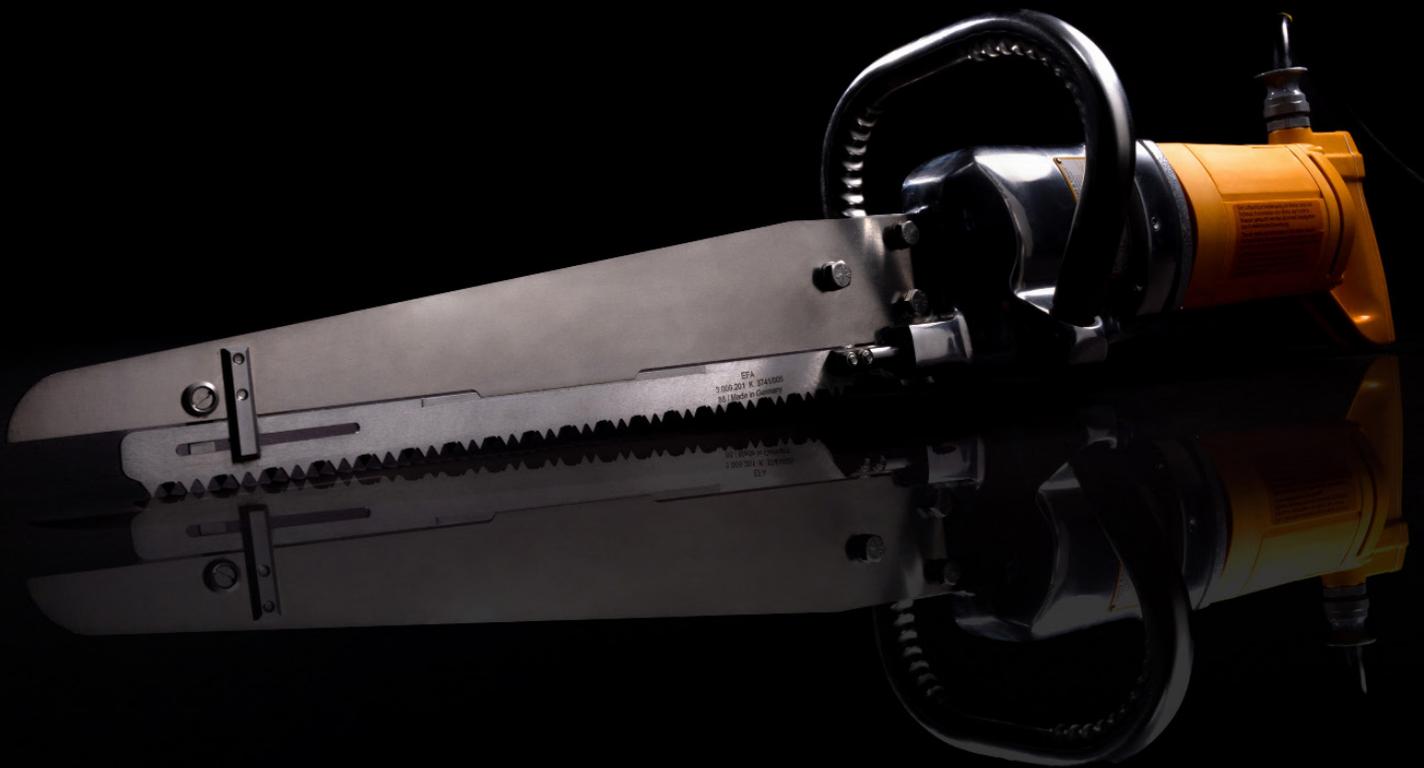


Betäubung

Slaughter

Finishing tools

Spare parts | Service



Accessories

Standard spring balancer

Illustration	Load range	Rope length	Order no.
	0.5 - 2.0 kg	2 m	001620022
	4.5 - 7.0 kg	2 m	001620030
	6.0 - 10.0 kg	2 m	001620032
	9.0 - 14.0 kg	2 m	001620018
	13.0 - 17.0 kg	2 m	001620019
	16.0 - 21.0 kg	2 m	001620048
	20.0 - 30.0 kg	2 m	001620052
	35.0 - 50.0 kg	3 m	001620051
	50.0 - 65.0 kg	3 m	001620050
	65.0 - 80.0 kg	3 m	001620045
	82.0 - 95.0 kg	3 m	001620049

Betäubung

Slaughter

Finishing tools

Spare parts | Service

Spring balancer stainless design

Illustration	Load range	Rope length	Order no.
	0.3 - 1.5 kg	2 m	001620068
	0.5 - 2.0 kg	2 m	001620069
	1.5 - 3.0 kg	2 m	001620070
	2.0 - 5.0 kg	2 m	001620071
	4.5 - 7.0 kg	2 m	001620072
	6.0 - 10.0 kg	2 m	001620075
	9.0 - 14.0 kg	2 m	001620073
	13.0 - 17.0 kg	2 m	001620074
	16.0 - 21.0 kg	2 m	001620085
	16.0 - 21.0 kg	3 m	001620091
	35.0 - 45.0 kg	2 m	001620076
	20.0 - 30.0 kg	2 m	001620077
	25.0 - 35.0 kg	2 m	001620079
	30.0 - 45.0 kg	2 m	001620084
	35.0 - 50.0 kg	2 m	001620080
	45.0 - 60.0 kg	2 m	001620078
	45.0 - 60.0 kg	3 m	001620092
	50.0 - 65.0 kg	2 m	001620081
	65.0 - 80.0 kg	2 m	001620083
	65.0 - 80.0 kg	3 m	001620093
	80.0 - 90.0 kg	2 m	001620082
80.0 - 90.0 kg	3 m	001620094	

Accessories

Hydraulic units (illustration may vary)

Model pliers	Order no.	Hydraulic unit (H) with cooler 145 bar/ hydraulic pump	Order no.	Accessories Order no.	
EFA Z 79 	008014484	 400 V, 50 Hz	001975802	Hose unit, 5m (stainless steel) 	007014561
EFA Z 80 	008014480			Hydraulic oil, 20 l 	001365614
EFA Z 100 	008014500				
EFA Z 79 	008014484	Hydraulics in compressed air operation Hydropump compressed air 6 - 8 bar 	008006469	Hose unit, 5m (stainless steel) 	007014561
EFA Z 80 	008014480			Hydraulic oil, 20 l 	001365614
EFA Z 100 	008014500			Maintenance unit R1/2" 	001367045
				Special oil, 5 l 	001365612

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Hydraulic units (illustration may vary)

Model pliers	Order no.	Hydraulic unit (H) with cooler 200 bar	Order no.	Accessories	Order no.	
EFA Z 08 	008005000					
EFA Z 12 	008004998			Hose unit, 5m (steel) 	008005181	
EFA Z 13 	008009032					
EFA Z 14 	008004999					
EFA Z 27 	008008535	<p>400 V, 50 Hz</p> 	008014174	Hose unit, 10m (steel) 	008008155	
EFA Z 27 S 	008010524					
EFA Z 28 	008009825					
EFA Z 28 S 	008011001			Hydraulic oil, 20 l 	001365614	
EFA Z 140 	008014500					

Accessories

Hydraulic units (illustration may vary)

Model pliers	Order no.	Hydraulic unit (H) without cooler 200 bar	Order no.	Accessories	Order no.
EFA Z 08 	008005000	 400 V, 50 Hz	001972463	Hose unit, 5m (steel) 	008005181
EFA Z 12 	008004998				
EFA Z 13 	008009032				
EFA Z 14 	008004999			Hose unit, 10m (steel) 	008008155
EFA Z 27 	008008535				
EFA Z 27 S 	008010524			Hydraulic oil, 20 l 	001365614
EFA Z 28 	008009825				
EFA Z 28 S 	008011001				
EFA Z 140 	008014500				

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Hydraulic units (illustration may vary)

Model pliers	Order no.	Hydraulic unit (G) without cooler 200 bar	Order no.	Accessories	Order no.	
EFA Z 08 	008005000					
EFA Z 12 	008004998			Hose unit, 5m (steel) 	008005181	
EFA Z 13 	008009032	400 V, 50 Hz	001972301			
EFA Z 14 	008004999			Hose unit, 10m (steel) 	008008155	
EFA Z 27 	008008535					
EFA Z 27 S 	008010524					
EFA Z 28 	008009825		208 V, 60 Hz	001975821	Hydraulic oil, 20 l 	001365614
EFA Z 28 S 	008011001					
EFA Z 140 	008014500					

Accessories

Hydraulic units (illustration may vary)

Model pliers	Order no.	Hydropump	Order no.	Accessories	Order no.
EFA Z 08 	008005000	Hydraulics in compressed air compressed air 6-8 bar 	008007189	Hose unit, 5m (steel) 	008005181
EFA Z 12 	008004998			Hose unit, 10m (steel) 	008008155
EFA Z 13 	008009032			Hydraulic oil, 20 l 	001365614
EFA Z 14 	008004999			Compressed air hose, 5 m 	001366812
EFA Z 27 	008008535			Maintenance unit R1/2" 	001367045
EFA Z 27 S 	008010524			Special oil, 5 l 	001365612
EFA Z 28 	008009825				
EFA Z 28 S 	008011001				
EFA Z 140 	008014500				

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Hydraulic units (illustration may vary)

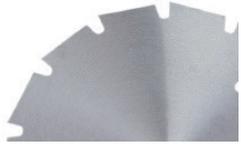
Model pliers	Order no.	Hydraulic unit (H) with cooler 145 bar	Order no.	Accessories	Order no.
EFA Z 78 	008010109	400 V, 50 Hz 	008014173	Hose unit, 5m (steel) 	008010315
EFA Z 90 	008010581			Hydraulic oil, 20 l 	001365614
EFA Z 160 	008011945				

Hydraulic units (illustration may vary)

Model pliers	Order no.	Hydraulic unit (H) without cooler 145 bar	Order no.	Accessories	Order no.
EFA Z 78 	008010109	400 V, 50 Hz 	007014170	Hose unit, 5m (steel) 	008010315
EFA Z 90 	008010581			Hydraulic oil, 20 l 	001365614
EFA Z 160 	008011945				

Accessories

SAW BLADES FOR HACKSAWS

	Type	Description
	TYPE A 3.5 mm	Finely toothed
	TYPE B 6 - 8 mm	Medium-fine interlocking
	TYPE C 12 - 20 mm	Medium coarse tothing
	TYPE D 40 - 45 mm	Roughly interlocked
	TYPE E	Low-noise gearing
	TYPE F	Carbide tothing (HM)

Betäubung

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SAW BLADES FOR HACKSAWS

Saw model	Ø (mm)	Toothing (mm)	Number of teeth	Illustration	Order no.
SK 16/8D	160	3,5	130	A	003001572
		42,0	12	D	003001624
		15.5 (HM)	32	F	003008896
SK 18 WB SK 18/8D	180	3,5	160	A	003003828
		6,0	94	B	003005185
		8,0	70	B	003006612
		40,5	14	D	003003829
		Special toothing		E	001624418
		15.5 (HM)	36	F	003004917
EFA 17	210	3,5	180	A	003001725
		6,0	110	B	003002028
		8,0	82	B	003006613
		41,0	16	D	003001907
		Special toothing		E	001624420
		16.5 (HM)	40	F	003004918
EFA 86 EFA 186 SK 23/18	230	6,0	120	B	003005312
		12,0	60	C	003006614
		42,5	17	D	003009360
		Special toothing		E	001624422
		16.5 (HM)	44	F	003005313
EFA 19	270	3,5	240	A	003001557
		6,0	140	B	003001536
		12,0	70	C	003006615
		53,0	16	D	003001556
		Special toothing		E	001624421
		16.5 (HM)	52	F	003004919
EFA 85 EFA 185 SK 30/18	300	6,0	156	B	003008969
		12,0	78	C	003006429
		20,0	48	C	003008455
		41,0	22	D	003009361
		Special toothing		E	001624423
		18.0 (HM)	52	F	003007187

Original EFA spare parts

Please only order spare parts from the manufacturer or your authorized dealer!

Please note: Warranty and guarantee in accordance with our General Terms and Conditions are only accepted if original EFA spare parts and operating materials are used and maintenance and repair work is carried out by trained and authorized personnel in accordance with the specifications in the operating instructions!

If you have any questions, please contact your EFA dealer or the customer advisors at the Maulbronn headquarters.

- Saw blades for EFA circular and reciprocating saws with different toothings for professional results in every application
- Saw bands for band saws
- Skinning knives Circular
- knives for trimmers
- Blades for EFA cutting knives, bowel cutters, rib pullers and derinders
- Propellant charge for bolt guns EFA
- oils and greases

This is a translation of the certificate DE07/3808

The management system of

Schmid & Wezel GmbH

SGS



Maybachstraße 2, DE 75433 Maulbronn, Baden-Württemberg

has been assessed and certified as meeting the requirements of

ISO 9001:2015

For the following activities

Development, Production and Distribution of -pneumatic power tools and motors - tools with flexible shafts - electric, pneumatic and hydraulic slaughtering machines

This certificate is valid from 30 August 2023 until 24 April 2025 and remains valid subject to satisfactory surveillance audits.
Issue 13. Certified since 30 August 2023
Organization certified since 12 August 1997 and first certified by SGS under SAS since 30 August 2023.

Authorised by
Daniel Willemijn

Authorised by
Jan Meemken

SGS Société Générale de Surveillance SA
Technoparkstrasse 1, 8005, Zurich, Switzerland
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Our range of services

Repair service at Schmid & Wezel

The experience and knowledge gained from repair and maintenance work since 1919 is concentrated in our company and constantly put to practical use.

For us, the repair service is an instrument for ensuring customer satisfaction. Our repair workshop specializes in repair, maintenance and servicing. We pass this knowledge on to our dealers.

Our services at a glance

- 12 months warranty after in-house machine maintenance
- We only use original EFA spare parts.
- Repairs are carried out by specialists with many years of EFA experience.
- The average turnaround time for the repair of a standard machine is approx. two weeks. The machine is then completely overhauled.
- Provision of replacement machines for Bridging of the repair time possible.
- Repair and product training can be organized for your workshop team on request, tailored to your needs. machinery carried out by us.

We are also close to you on site:

- You can obtain expert advice by telephone or electronically from our in-house technical customer service team.
- Our sales representatives will provide you with expert advice on site, product demonstrations and user training.
- On request, our experts can also carry out repairs and product training at your premises.
- Test equipment for new investments: We will provide you with a machine suitable for your application on a trial basis to help you decide.
- Used machine offer: the machines are refurbished (only available if in stock).

Your direct link to us:

Domestic distribution:	+49 (0) 7043 . 102 12
Distribution abroad:	+49 (0) 7043 . 102 81
Repair:	+49 (0) 7043 . 102 82
Fax:	+49 (0) 7043 . 102 78
E-Mail:	efa-verkauf@efa-germany.de
Technical customer support/counseling:	+49 (0) 7043 . 102 79
Sale North America:	+49 (0) 7043 . 102 91

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