



SPITZNAS
CUSTOMIZED POWER SOLUTIONS



PIPE CUTTING MACHINES

TOOLS FOR THE SPECIALIST

PNEUMATIC



HYDRAULIC



ATEX



SYSTEM CONCEPT



Tool holder



Air connection
with sensor block

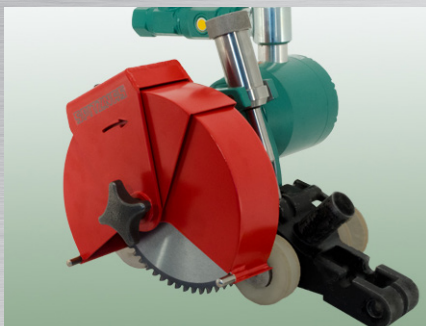


Adjustment for the
cutting depth

ATEX-Safety class
approved



Guard



Pneumatic or hydraulic drive unit



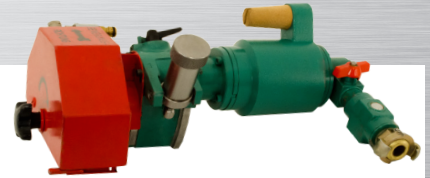
Cooling water connection



PNEUMATIC DRIVE UNIT

The pneumatic drive unit with two gear steps for **cutting¹⁾** or **cutting and bevelling²⁾** for pipes made of different material, as:

- Steel
- Stainless steel
- Ductile iron
- Concrete
- Plastics
- Cast iron
- Cement
- PE
- Clay
- PVC
- Non-ferrous metal
- GRP



ORDER NO.	 ATEX Specification	Power	Air consumption	Blade dia. max.	Tool holder	OPER. PRESSURE 6 Bar		Cutting depth max.	Height	Noise level LpA	Vibration level	Weight
						Gear1	Gear 2					
		kW	m³/min	mm	mm	1/min	1/min	mm	mm	dB(A)	m/s²	kg
5 8002 7000²⁾	II2GExhIIBT6Gb	1.8	2.2	180	22.2/30.0	1,800	350	50	250	98.0	<2.5	13.0
5 8010 0050¹⁾	II2GExhIIBT6Gb	2.4	3.0	180	22.2/30.0	1,800	-	50	250	98.0	<2.5	12.5
5 8011 0050¹⁾	IM2ExhIMbT6	2.4	3.0	180	22.2/30.0	1,800	-	50	250	98.0	<2.5	17.5

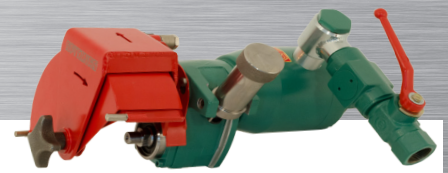
Subject to technical change.

Performance data at an operating pressure of 6 bar.

PNEUMATIC DRIVE UNITS

The pneumatic drive unit with high speed for **cutting ductile iron pipes** (in combination with diamond blades) can be used as well for:

- Ductile iron
- Cast iron
- Cement
- Clay
- GRP



ORDER NO.	 ATEX Specification	Power	Air consumption	Blade dia. max.	Tool holder	OPER. PRESSURE 6 Bar		Cutting depth max.	Height	Noise level LpA	Vibration level	Weight
						Speed (free)						
		kW	m³/min	mm	mm	1/min		mm	mm	dB(A)	m/s²	kg
5 8020 0050	-	2.4	3.0	180/200	22.2/30.0/62.0	8,500		50/60	250	98.0	<2.5	12.5

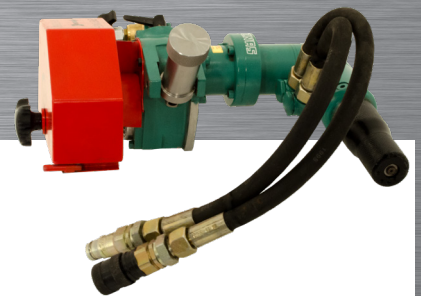
Subject to technical change.

Performance data at an operating pressure of 6 bar.

HYDRAULIC DRIVE UNITS

The hydraulic unit with two gear steps/stepless adjusting for **cutting or bevelling** pipes of the following materials:

- Steel
- Stainless steel
- PE
- Concrete
- Cement
- Non-ferrous metal
- Plastics
- Ductile iron
- PVC
- GRP
- Clay



ORDER NO.	 ATEX Specification	Power	Volume flow	Blade dia. max.	Tool holder	OPER. PRESSURE 90-140 bar ¹⁾ /140-180 bar ²⁾		Cutting depth max.	Height	Noise level LpA	Vibration level	Weight
						Gear1	Gear 2					
		kW	l/min	mm	mm	rpm	rpm	mm	mm	dB(A)	m/s²	kg
5 8006 7000¹⁾	II2GExhIIBT6Gb	2.0	15-50	180	22.2/30.0	950	200	50	250	98	<2.5	13.0
5 8016 0050²⁾	II2GExhIIBT5Gb	2.3	20-23	180	22.2/30.0	0-1,050*		50	250	98	<2.5	14.9

Subject to technical change.

²⁾steplessly adjustable

Performance data at an operating pressure of 90¹⁾ bar/140²⁾ bar.

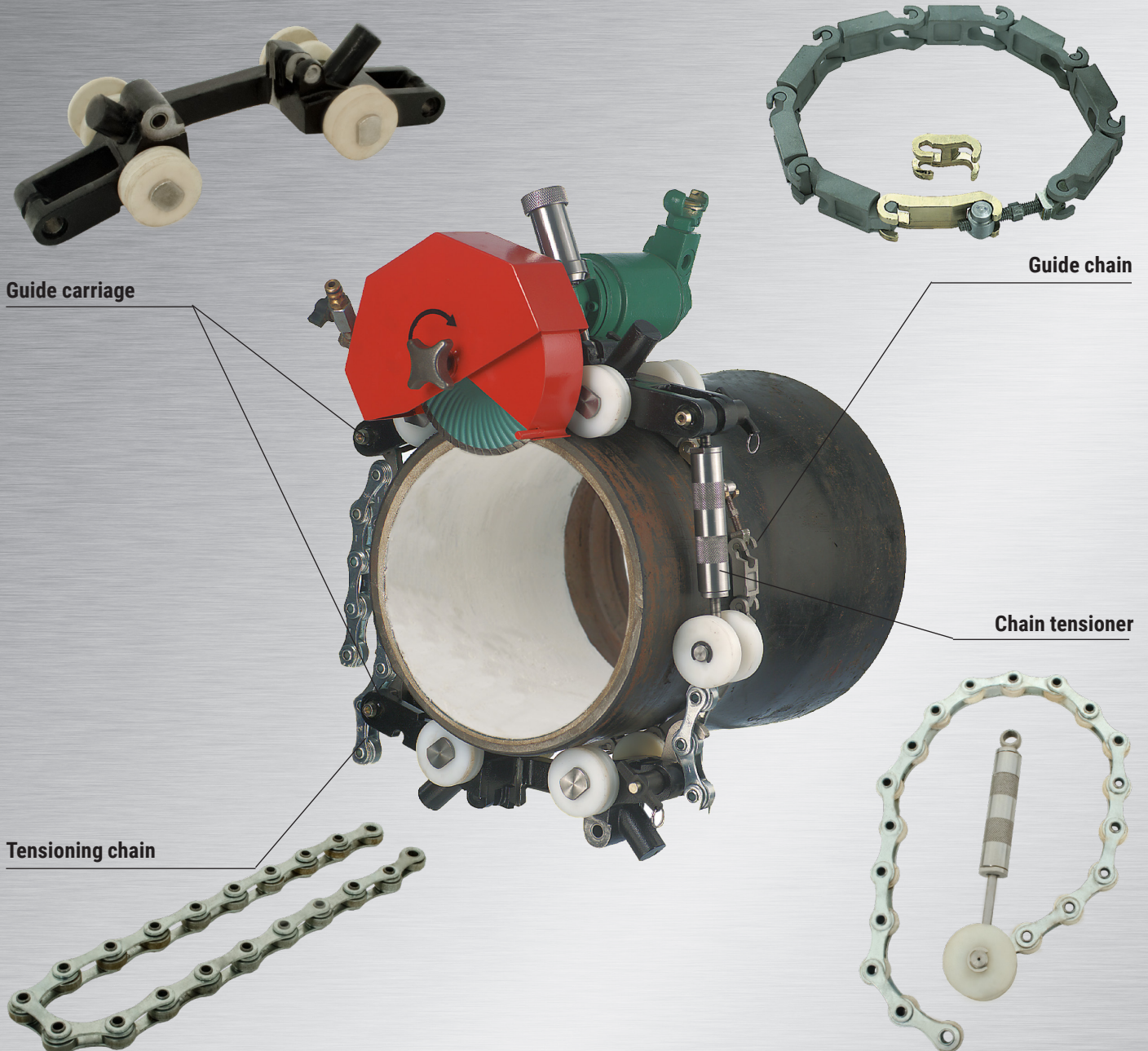
TECHNICAL DATA

SYSTEM ACCESSORIES

ASSEMBLY PARTS

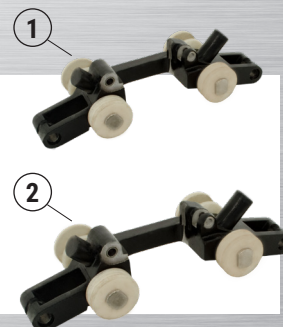
Just specify your individual application and we custom-assemble your pipe cutting machine with the required accessories.

Pipe dia. / ORDER NO. [mm]	Guide carriage small	Guide carriage large	Chain tensioner	Tensioning chain	Guide chain
300-400	1 x 5 8010 8090		1 x 5 8003 8300		1 x 5 8002 8760
400-800	1 x 5 8010 8090	1 x 5 8010 8100	1 x 5 8002 8400	1 x 5 8002 8710	1 x 5 8002 8780
600-900		2 x 5 8010 8100	2 x 5 8002 8400		1 x 5 8002 8810
400-1400	1 x 5 8010 8090	2 x 5 8010 8100	2 x 5 8002 8400	1 x 5 8002 8710	1 x 5 8002 8820
400-1600	2 x 5 8010 8090	2 x 5 8010 8100	2 x 5 8002 8400	2 x 5 8002 8710	1 x 5 8002 8830



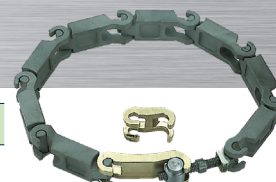
GUIDE CARRIAGES

ORDER NO.	Pos.	Description
5 8010 8090	1	Guide carriage small (aluminium)
5 8011 8090	1	Guide carriage small (zamak)
5 8010 8100	2	Guide carriage large (aluminium)
5 8011 8100	2	Guide carriage (zamak)



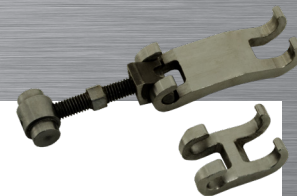
GUIDE CHAINS

ORDER NO.	Description	For pipe dia. [mm]
5 8002 8760	Guide chain including tightener and 24 chain links	≤ 400
5 8002 8770	Guide chain including tightener and 35 chain links	≤ 600
5 8002 8780	Guide chain including tightener and 46 chain links	≤ 800
5 8002 8810	Guide chain including tightener and 57 chain links	≤ 1000
5 8002 8790	Guide chain including tightener and 68 chain links	≤ 1200
5 8002 8820	Guide chain including tightener and 79 chain links	≤ 1400
5 8002 8830	Guide chain including tightener and 90 chain links	≤ 1600



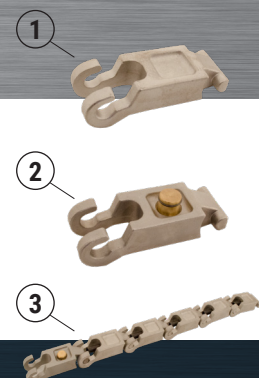
TIGHTENER

ORDER NO.	Description
5 8002 6800	Tightener



CHAIN LINKS

ORDER NO.	Pos.	Description
5 8001 8750	1	Chain link, length 57 mm
5 8001 8760	2	Chain link, length 57 mm, with magnet
5 8001 8860	3	Chain link set (set of 5 pieces, preassembled)
5 8001 8960	3	Chain link set (set of 6 pieces, preassembled), with magnet



SYSTEM ACCESSORIES

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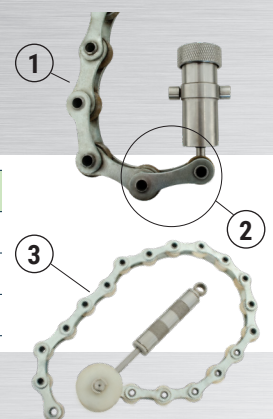
TENSIONING CHAIN

ORDER NO.	Description
5 8002 8710	Tensioning chain, length 950 mm



CHAIN TENSIONERS FOR TENSIONING CHAIN

ORDER NO.	Pos.	Description
5 8003 8300	1	Chain tensioner small
9 4902 0100	2	Chain lock for chain tensioner small for type 5 8003 8300
5 8002 8400	3	Chain tensioner large



FEEDING PIPES

ORDER NO.	Pos.	Description
5 8002 9500	1	Feeding pipe
5 8010 9500	2	Feeding pipe, angled at 90° for narrow spaces



TOOL SET

ORDER NO.	Description
5 8002 9200	Tool set



CARRYING CASE

ORDER NO.	Description
5 8002 9300	Metal carrying case with trays



CARBIDE-TIPPED BLADES

ORDER NO.	Disc dia. [mm]	Center dia. [mm]	Cutting depth max. [mm]	For cutting
9 2503 0090	160	30.0	40	Steel, stainless steel from 4 mm wall thickness, plastics, PE, PVC
9 2503 0120	180	30.0	50	
9 2503 0130	200	30.0	60	



DIAMOND BLADES

ORDER NO.	Disc dia. [mm]	Center dia. [mm]	Cutting depth max. [mm]	For cutting
9 2503 0050	150	22.2	35	Cast iron, ductuile iron, concrete, cement, clay, GRP
9 2503 0100	180	22.2	50	



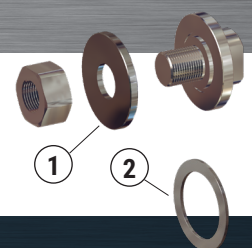
BEVELLING CUTTERS

ORDER NO.	Cutter dia. [mm]	Type	For bevelling of	For type
9 2530 7040	100	Cutter 45°	Steel, plastics, PE, PVC	5 8002, 5 8006,
9 2530 7060	100	Cutter 60°		5 8016
9 2530 7090	100	Cutter 90°		



ADAPTERS FOR BLADES

ORDER NO.	Pos.	Description	Center dia. [mm]
5 8010 9720	1	Adapter complete	30.0
5 8002 8020	2	Adapter ring	22.2/30.0



SYSTEM ACCESSORIES

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SERVICE UNITS

ORDER NO.	Pos.	Description
9 2406 0260	1	Portable service unit with pressure regulator 3/4"
9 2406 0650	2	Portable service unit with protection housing and pressure regulator 3/4"



WATER TANK

ORDER NO.	Description
5 8002 9100	Water tank 10 l



MULTI-OIL SPRAY

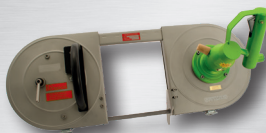
ORDER NO.	Description
9 9902 0120	Multi oil for cleaning and protection



More accessories on request.

SAW RANGE

BAND SAWS



SABRE SAWS



CHAIN SAWS



RECIPROCATING SAWS



CIRCULAR SAWS



PIPE CUTTING MACHINES



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