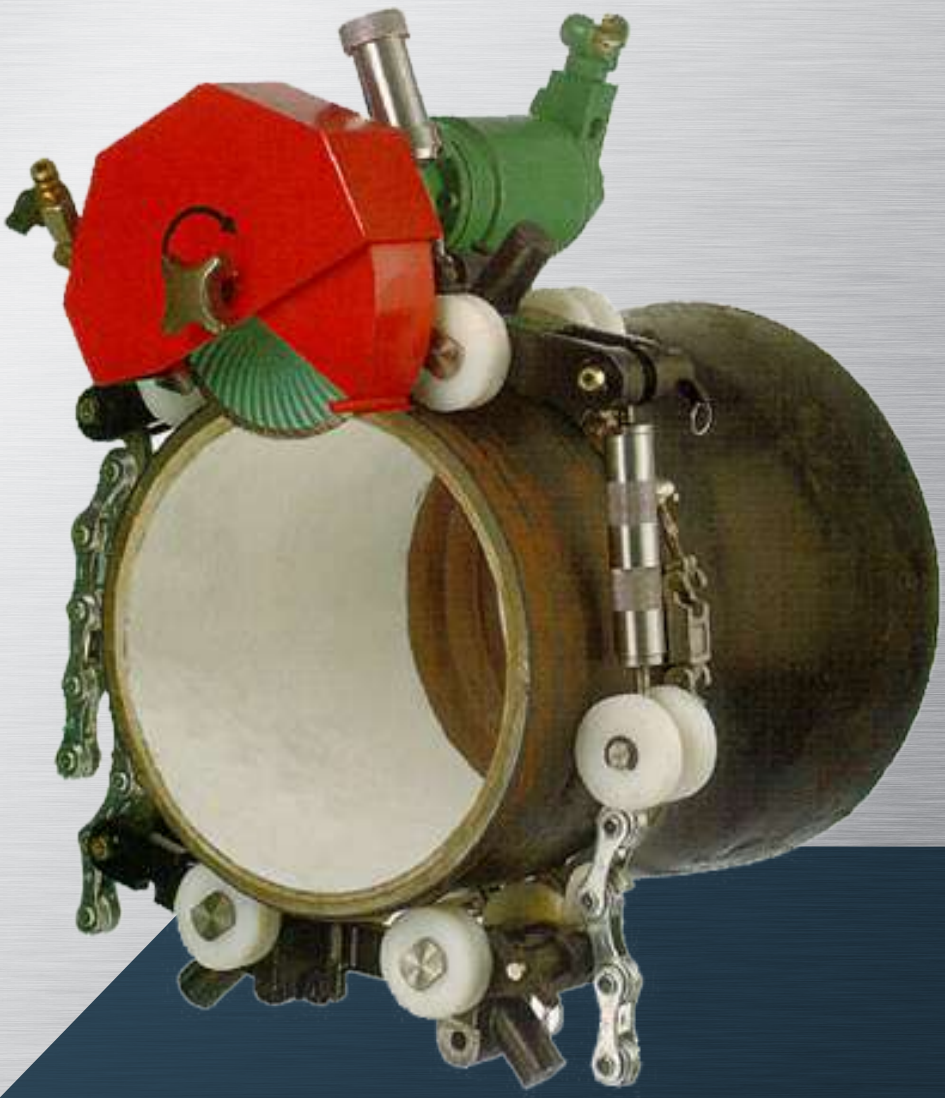
SPITZNAS
CUSTOMIZED POWER SOLUTIONS



PIPE CUTTING MACHINES

PNEUMATIC

HYDRAULIC

ATEX

CSI srl - Genova
www.csiadvice.it

SYSTEM CONCEPT



Tool holder



Air connection
with sensor block



Adjustment for the
cutting depth

ATEX-Safety class
approved





Guard



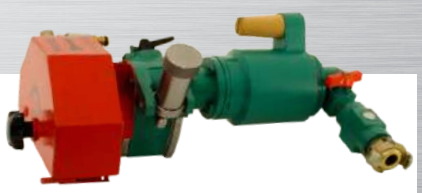
Pneumatic or hydraulic drive unit



Cooling water connection



PNEUMATIC DRIVE UNIT



The pneumatic drive unit with two gear steps for **cutting[1] or cutting and bevelling[2]** for pipes made of different material, as:

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

PNEUMATIC | **OPER. PRESSURE** 6 Bar | **ATEX**

ORDER NO.	ATEX Specification	Power	Air consumption	Blade dia. max.	Tool holder	Speed (free) Gear1	Gear 2	Cutting depth max.	Height	Noise level LpA	Vibration level	Weight
		kW	m³/min	mm	mm	1/min	1/min	mm	mm	dB(A)	m/s²	kg
5 8002 7000[2]	II2GExhIIBT6Gb	1.8	2.2	180	22.2/30.0	1,800	350	50	250	98.0	<2.5	13.0
5 8010 0050[1]	II2GExhIIBT6Gb	2.4	3.0	180	22.2/30.0	1,800	-	50	250	98.0	<2.5	12.5
5 8011 0050[1]	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**

PNEUMATIC | **OPER. PRESSURE** 6 Bar

ORDER NO.	ATEX Specification	Power	Air consumption	Blade dia. max.	Tool holder	Speed (free)	Cutting depth max.	Height	Noise level LpA	Vibration level	Weight
		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**

HYDRAULIC | **OPER. PRESSURE** 90-140 bar[1]/140-180 bar[2] | **ATEX**

ORDER NO.	ATEX Specification	Power	Volume flow	Blade dia. max.	Tool holder	Speed (free) Gear1	Gear 2	Cutting depth max.	Height	Noise level LpA	Vibration level	Weight
		kW	l/min	mm	mm	rpm	rpm	mm	mm	dB(A)	m/s²	kg
5 8006 7000[1]	II2GExhIIBT6Gb	2.0	15-50	180	22.2/30.0	950	200	50	250	98	<2.5	13.0
5 8016 0050[2]	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 90[1] bar/140[2] bar.

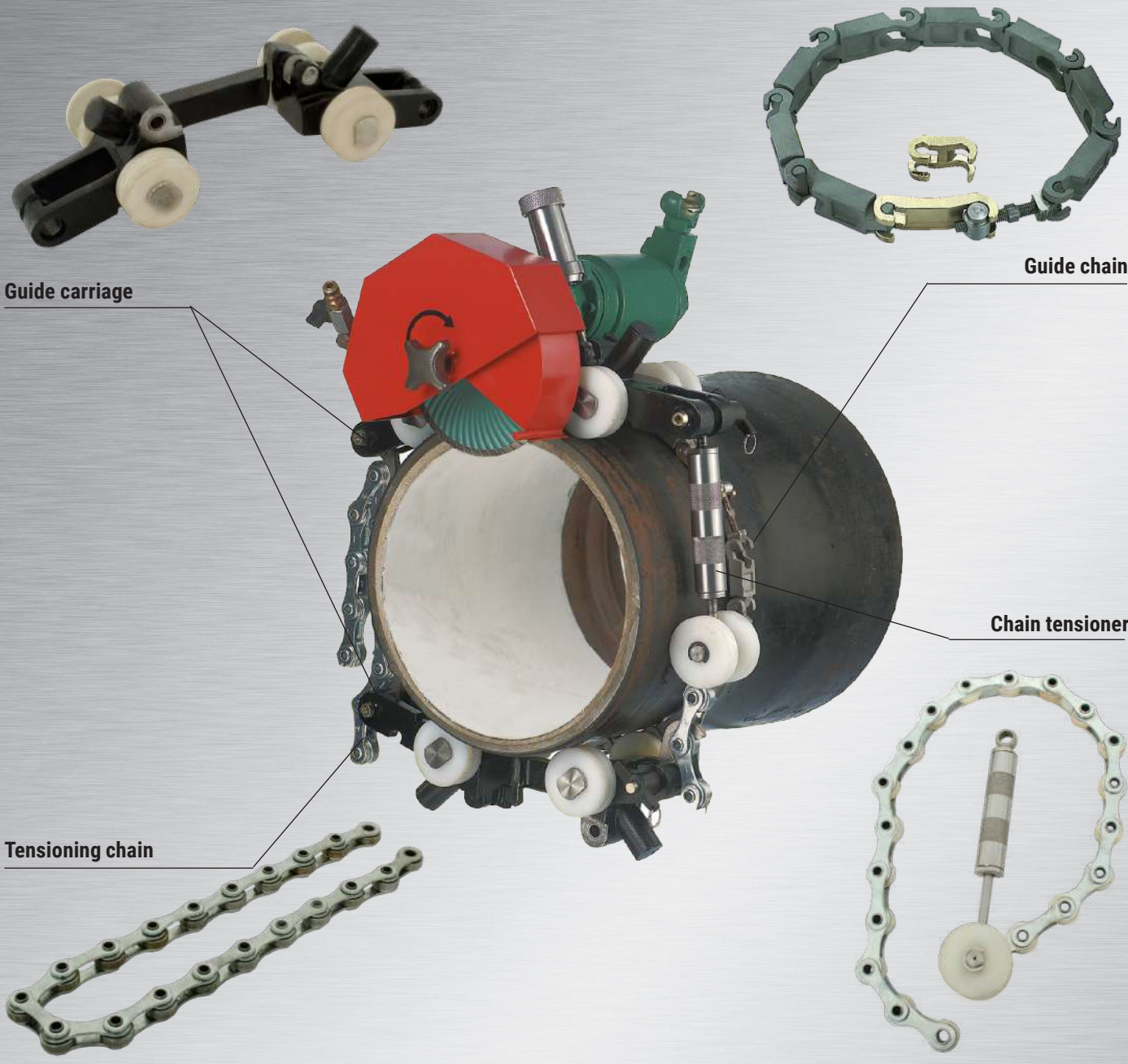
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SYSTEM ACCESSORIES

ASSEMBLY PARTS

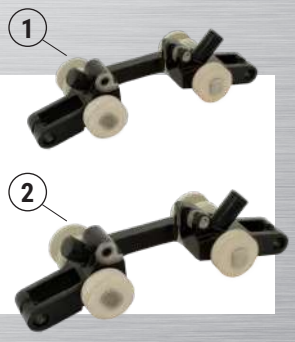
Just specify your individual application and we custom-assemble your pipe cutting machine with the required accessories.

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)



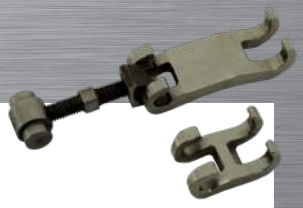
GUIDE CHAINS

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



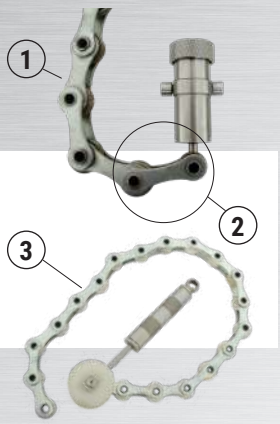
TENSIONING CHAIN

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



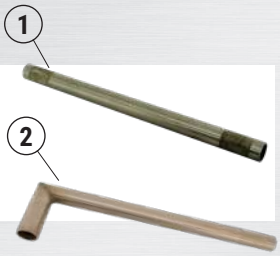
CHAIN TENSIONERS FOR TENSIONING CHAIN

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	



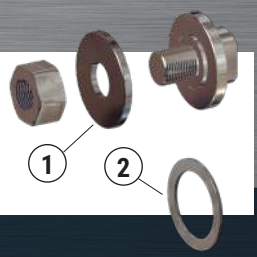
BEVELLING CUTTERS

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, 5 8016
9 2530 7060	100	Cutter 60°		
9 2530 7090	100	Cutter 90°		



ADAPTERS FOR BLADES

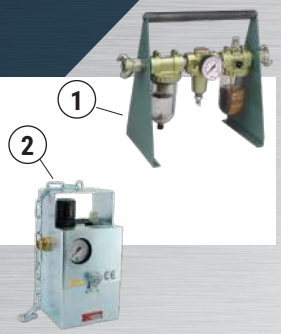
ORDER NO.	Pos.	Description	Center dia. [mm]
5 8010 9720	1	Adapter complete	30.0
5 8002 8020	2	Adapter ring	22.2/30.0



SYSTEM ACCESSORIES

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

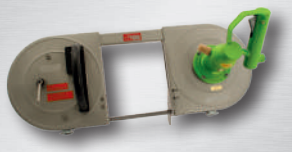
ORDER NO.	Description
9 9902 0120	Multi oil for cleaning and protection

More accessories on request.



SAW RANGE

BAND SAWS



SABRE SAWS



CHAIN SAWS



RECIPROCATING SAWS



CIRCULAR SAWS



PIPE CUTTING MACHINES



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