SPITZNAS
CUSTOMIZED POWER SOLUTIONS





SABRE SAWS

TOOLS FOR THE SPECIALIST



PNEUMATIC

HYDRAULIC

ATEX

CSI srl - Genova
www.csiadvice.it

SYSTEM CONCEPT



Saw blade with cutting guide



Quick-release adapter complete (optional)



Handle with starting lock



ATEX-Safety class approved



Cooling complete (optional)



Sound absorber



Saw blade HM-tipped



PNEUMATIC

Lightweight and handy pneumatic sabre saw for universal use, with ATEX approval for machine group II.



Type 5 1217 0010

IIA IIB



Type 5 1217 001C

IIA IIB IIC

*depending on the exhaust silencers used

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

ORDER NO.	ATEX Specification	Power	Air consumption	Stroke length	Number of strokes*	Noise level LpA	Noise level LwA	Vibration level	Weight
		kW	m³/min	mm	rpm	dB(A)		m/s²	kg
5 1217 0010	II2GExhIIBT5...T3GbX	1.25	1.45	28	1,000/1,500/2,300	81/92/101	92/103/112	16.3/17.3/19.3	4.0
5 1217 001C	II2GExhIICT5...T3GbX	1.25	1.45	28	1,000/1,500/2,300	81/92/101	92/103/112	16.3/17.3/19.3	4.0

Subject to technical change. Performance data at an operating pressure of 6 bar.

PNEUMATIC

Pneumatic sabre saw suitable for underground mining.



Type 5 1218 0010

IM

*depending on the exhaust silencers used

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

ORDER NO.	ATEX Specification	Power	Air consumption	Stroke length	Number of strokes*	Noise level LpA	Noise level LwA	Vibration level	Weight
		kW	m³/min	mm	rpm	dB(A)		m/s²	kg
5 1218 0010	IM2ExhIMbT5...T3X	1,25	1,45	28	1.000/1.500/2.300	81/92/101	92/103/112	16,3/17,3/19,3	7,0

Subject to technical change. Performance data at an operating pressure of 6 bar.

PNEUMATIC

Pneumatic sabre saw with increased cutting speed and quick-release adapter.



Typ 5 1237 0010

DRUCKLUFT | **BETRIEBSDRUCK** 6 Bar

ORDER NO.	ATEX Specification	Power	Air consumption	Stroke length	Number of strokes*	Noise level LpA/LwA	Vibration level	Weight
		kW	m³/min	mm	rpm	dB(A)	m/s²	kg
5 1237 0010	-	1.80	2.00	28	2,800	90/101	28.3	4.9

Subject to technical change Performance data at an operating pressure of 6 bar.

SYSTEM CONCEPT



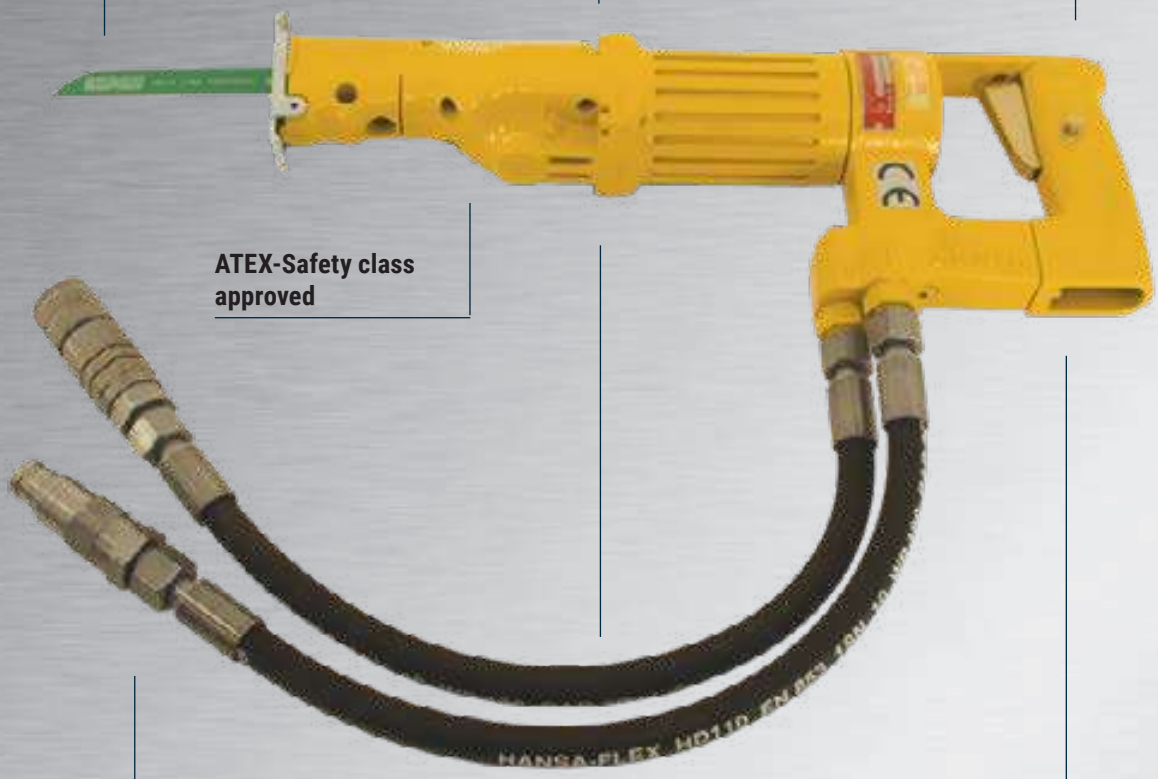
Saw blade with cutting guide



Tool change (standard)



Handle with starting lock



ATEX-Safety class approved

Hydraulic quick-couplings



Holder for clamp

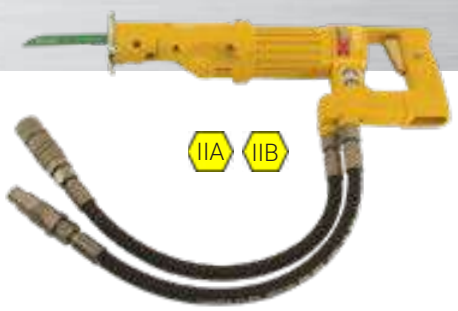


Hydraulic connection



HYDRAULIC

The hydraulic sabre saw with higher drive performance
for hardest cutting demands, as well for underwater operation.



		HYDRAULIC	OPER. PRESSURE 90-140 bar	ATEX	UNDERWATER OPERATION			
ORDER NO.	ATEX Specification	Power	Volume flow	Stroke length	Number of strokes	Noise level LpA	Vibration level	Weight
		kW	l/min	mm	rpm	dB(A)	m/s²	kg
5 1219 0010	II2GExhIIBT5Gb	1.5	22-50	28	1,500	76	19.3	6.0

Subject to technical change — Performance data at an operating pressure of 90 (140) bar

CARRYING CASE

Water resistant and dust-tight plastic carrying case with two strong twin-lightway-rollers and swingout handle.

Application picture:





1) Carrying case with inserts



2) Carrying box



ORDER NO.	Description	For type
5 1219 9000	Carrying case complete with accessories	5 1219

Contents : Carrying case with inserts[1)], 1xCarrying box[2)]





CE

ATEX 2014/34/EU

CSI srl - Genova

SYSTEM ACCESSORIES

SAW BLADES HSS-BIMETAL

All SPITZNAS saw blades cut on backward stroke.
Min. length of blade (freehand operation) = max. cross-section + 30 mm.
Other lengths and tooth pitches on request.



The HSS bimetal saw blades can be used up to a maximum stroke rate (free) of 1,700 rpm.

MATERIAL
HSS-BIMETAL

ORDER NO.	Teeth per inch	Length [mm]	Width [mm]	Height [mm]	Plastic	Wood	Wood with nails	Aluminium (up to 1.5 mm wall thickness)	Aluminium (up to 3 mm wall thickness)	Aluminium (up to 5 mm wall thickness)	Ductile iron pipes (cement coated iron)	Cast iron pipes (tar coated)	Steel (solid material)	Metal universal	Non-ferrous metal	Rust-resistant steel	High stress steel	for pipes, profiles, plates from 1.5 mm cross section	for pipes, profiles, plates from 2 mm cross section	rough and fast cuts	thin metal plates up to 5 mm wall thickness
9 2505 0200	6	150	0.9	19	x	x			x	x										x	
9 2505 0210	6	225	0.9	19	x	x			x	x										x	
9 2505 0040	6	280	0.9	19	x	x			x	x										x	
9 2505 0100	10	150	0.9	19	x		x		x	x			x		x	x					
9 2505 0180	10	200	0.9	19	x		x		x	x			x		x	x					
9 2505 0190	10	250	0.9	19	x		x		x	x			x		x	x					
9 2505 0020	10	280	0.9	19	x		x		x	x			x		x	x					
9 2505 0240	10-14	150	0.9	19	x		x		x				x		x	x	x				
9 2505 0250	10-14	200	0.9	19	x		x		x				x		x	x	x				
9 2505 0260	10-14	225	0.9	19	x		x		x				x		x	x	x				
9 2505 0270	10-14	250	0.9	19	x		x		x				x		x	x	x				
9 2505 0120	14	100	0.9	19			x							x					x		
9 2505 0130	14	150	0.9	19			x							x					x		
9 2505 0140	14	200	0.9	19			x							x					x		
9 2505 0150	14	250	0.9	19			x							x					x		
9 2505 0160	14	280	0.9	19			x							x					x		
9 2505 0080	18	150	0.9	19					x						x			x			
9 2505 0060	24	100	0.9	19				x							x		x				x
9 2505 0110	24	150	0.9	19				x							x		x				x

All SPITZNAS saw blades cut on backward stroke. Min. length of blade (freehand operation) = max. cross-section + 30 mm. Other lengths and tooth pitches on request.

SAW BLADE HM-COATED

All SPITZNAS saw blades cut on backward stroke.
Min. length of blade (freehand operation) = max. cross-section + 30 mm.
Other lengths and tooth pitches on request.



The HM-coated saw blade can be used up to a maximum stroke rate (free) of 1,700 rpm.

MATERIAL
HM-COATED

ORDER NO.	Teeth per inch	Length [mm]	Width [mm]	Height [mm]	Plastic	Wood	Wood with nails	Aluminium (up to 1.5 mm wall thickness)	Aluminium (up to 3 mm wall thickness)	Aluminium (up to 5 mm wall thickness)	Ductile iron pipes (cement coated iron)	Cast iron pipes (tar coated)	Steel (solid material)	Metal universal	Non-ferrous metal	Rust-resistant steel	High stress steel	for pipes, profiles, plates from 1.5 mm cross section	for pipes, profiles, plates from 2 mm cross section	rough and fast cuts	thin metal plates up to 5 mm wall thickness
9 2505 0310	-	200	0.9	19							x	x									

All SPITZNAS saw blades cut on backward stroke. Min. length of blade (freehand operation) = max. cross-section + 30 mm. Other lengths and tooth pitches on request.

SAW BLADE HM-TIPPED



The HM-tipped saw blade can be used up to a maximum stroke rate (free) of 2,800 rpm.

MATERIAL
HM-TIPPED

ORDER NO.	Teeth per inch	Length [mm]	Width [mm]	Height [mm]	Plastic	Wood	Wood with nails	Aluminium (up to 1.5 mm wall thickness)	Aluminium (up to 3 mm wall thickness)	Aluminium (up to 5 mm wall thickness)	Ductile iron pipes (cement coated iron)	Cast iron pipes (tar coated)	Steel (solid material)	Metal universal	Non-ferrous metal	Rust-resistant steel	High stress steel	for pipes, profiles, plates from 1.5 mm cross section	for pipes, profiles, plates from 2 mm cross section	rough and fast cuts	thin metal plates up to 5 mm wall thickness
9 2505 0410	8	150	1.25	25		x	x				x	x	x	x	x	x	x				x
9 2505 0420	8	230	1,25	25		x	x				x	x	x	x	x	x	x				x

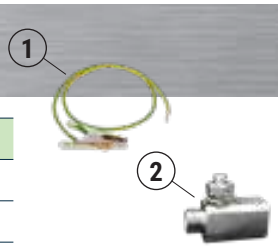
All SPITZNAS saw blades cut on backward stroke. Min. length of blade (freehand operation) = max. cross-section + 30 mm. Other lengths and tooth pitches on request.

QUICK-RELEASE ADAPTER



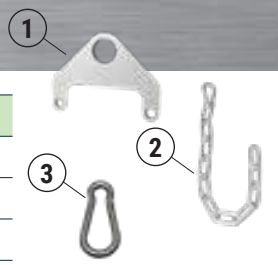
ORDER NO.	Pos.	Description
5 1217 9300	1	Quick-release adapter complete IIB

EARTHING CABLE AND NIPPLE ASSEMBLY



ORDER NO.	Pos.	Description
9 3707 0020	1	Earthing cable 1.5 m with grip IIA IIB IIC
9 2205 2320	2	Nipple assembly, R1/2"male - R1/2"female IIA IIB IIC

SUSPENSION BRACKET AND RETAINING CHAIN



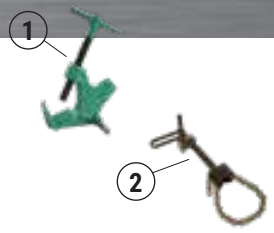
ORDER NO.	Pos.	Description
5 1217 7080	1	Suspension bracket IIA IIB IIC
9 4902 013C	2	Retaining chain complete, 3 m length, incl. one firebrigade hook IIA IIB IIC
9 4510 0070	3	Firebrigade hook IIA IIB IIC

ESD SAFETY MAT



ORDER NO.	Pos.	Description
9 9911 0170	1	ESD safety mat with good non-slip characteristics, 91 cm x 91 cm x 1.4 cm, antistatic, incl. earthing cable IIA IIB IIC

CLAMPS FOR PIPES (FOR RECTANGULAR CUTS)

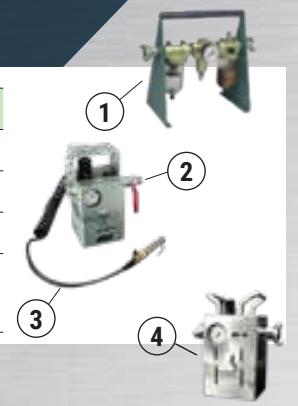


ORDER NO.	Pos.	Description
5 1217 9500	1	Clamp for pipes up to dia. 100 mm IIA IIB
5 1217 9910	2	Clamp for pipes up to dia. 150 mm IIA IIB
5 1217 991C	2	Clamp for pipes up to dia. 150 mm (stainless steel) IIA IIB IIC

SYSTEM ACCESSORIES

SERVICE UNITS (PNEUMATIC)

ORDER NO.	Pos.	Description
9 2406 0260	1	Service unit, portable, pressure regulator 3/4" IIA IIB
9 2406 0650	2	Service unit, portable, protection housing, pressure regulator 3/4" IIA IIB
9 2406 9650	3	Blow-off hose complete (only in use with maintenance unit Type 9 2406 0650) IIA IIB
9 2406 065C	4	Service unit, portable, protection housing G 3/4", incl. pressure regulator, water absorber and oiler IIA IIB IIC



HOSES AND MORE

BEST.-NR.	Pos.	Bezeichnung
9 3610 0410	1	Pneumatic pressure hose ID 13 mm, 2.5 m length, screw-on claw coupling IIA IIB
9 3610 0420	1	Pneumatic pressure hose ID 16 mm, 2.5 m length, screw-on claw coupling IIA IIB
9 3610 0430	1	Pneumatic pressure hose ID 19 mm, 2.5 m length, screw-on claw coupling IIA IIB
9 3601 0430	2	Pneumatic pressure hose ID 19 mm, 5 m length IIA IIB IIC
9 2102 0090	3	Inner thread coupling with rubber seal, 3/8" IIA IIB
9 2102 0030	3	Inner thread coupling with metal seal, 3/8" IIA IIB
9 2102 0160	3	Inner thread coupling with rubber seal, R 1/2", stainless steel IIA IIB IIC
9 2102 0170	3	Inner thread coupling with rubber ring R 3/8", stainless steel IIA IIB IIC
2 1317 9010	4	Hydraulic hose set for type 5 1219 IIA IIB
9 2006 0970	5	Ball valve assembly G 3/4" (pneumatic) IIA IIB IIC



WATER COOLING

ORDER NO.	Pos.	Description	For type
5 8002 9100	1	Water tank complete IIA IIB	all
5 1217 9600	2	Water cooling assembly IIA IIB IIC (incl. suspension bracket)	all



CARRYING AND CLEANING

ORDER NO.	Pos.	Description	For type
9 9910 0070	1	Carrying case IIA IIB	5 1217 0010, 5 1218
5 1212 9000	1	Carrying case IIA IIB	5 1219
9 9910 0600	1	Carrying case IIA IIB	5 1237
9 9910 006C	2	Carrying case IIA IIB IIC	5 1217 001C

Additional accessories on request..



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