



# SABRE SAWS

TOOLS FOR THE SPECIALIST



PNEUMATIC



HYDRAULIC



ATEX



# SYSTEM CONCEPT



Saw blade with cutting guide



Tool for changing the saw blade



Handle with starting lock



ATEX-Safety class  
approved



Air connection

Sound absorber

Quick-release adapter (optional)



## PNEUMATIC

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



ORDER NO.	ATEX Specification	Power	Air consumption	Stroke length	Number of strokes	Noise level	Vibration level	Weight	
									ATEX
			PNEUMATIC	OPER. PRESSURE					
				6 Bar					
			kW	m <sup>3</sup> /min	mm	rpm	dB(A)	m/s <sup>2</sup>	kg
<b>5 1217 0010</b>	II2GExhIIBT5Gb	1.25	1.45	28	2,300	101/112	15.3 (chipboard) 19.3 (wooden beam)	4.0	
<b>5 1217 001C</b>	II2GExhIICT5Gb	1.25	1.45	28	1,700	92/103	12.3 (chipboard) 16.3 (wooden beam)	4.0	

Subject to technical change

Performance data at an operating pressure of 6 bar

## PNEUMATIC

Pneumatic sabre saw suitable for underground mining.



ORDER NO.	ATEX Specification	Power	Air consumption	Stroke length	Number of strokes	Noise level	Vibration level	Weight	
									ATEX
			PNEUMATIC	OPER. PRESSURE					
				6 Bar					
			kW	m <sup>3</sup> /min	mm	rpm	dB(A)	m/s <sup>2</sup>	kg
<b>5 1218 0010</b>	IM2ExhIMbT5	1.25	1.45	28	1,700	92/103	13.3 (chipboard) 17.3 (wooden beam)	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.



ORDER NO.	ATEX Specification	Power	Air consumption	Stroke length	Number of strokes	Noise level	Vibration level	Weight	
									ATEX
			PNEUMATIC	OPER. PRESSURE					
				6 Bar					
			kW	m <sup>3</sup> /min	mm	rpm	dB(A)	m/s <sup>2</sup>	kg
<b>5 1237 0010</b>		1.8	2.0	28	2,800	90/101	18.3 (chipboard) 28.3 (wooden beam)	4.9	

Subject to technical change

Performance data at an operating pressure of 6 bar

# TECHNICAL DATA

# SYSTEM CONCEPT



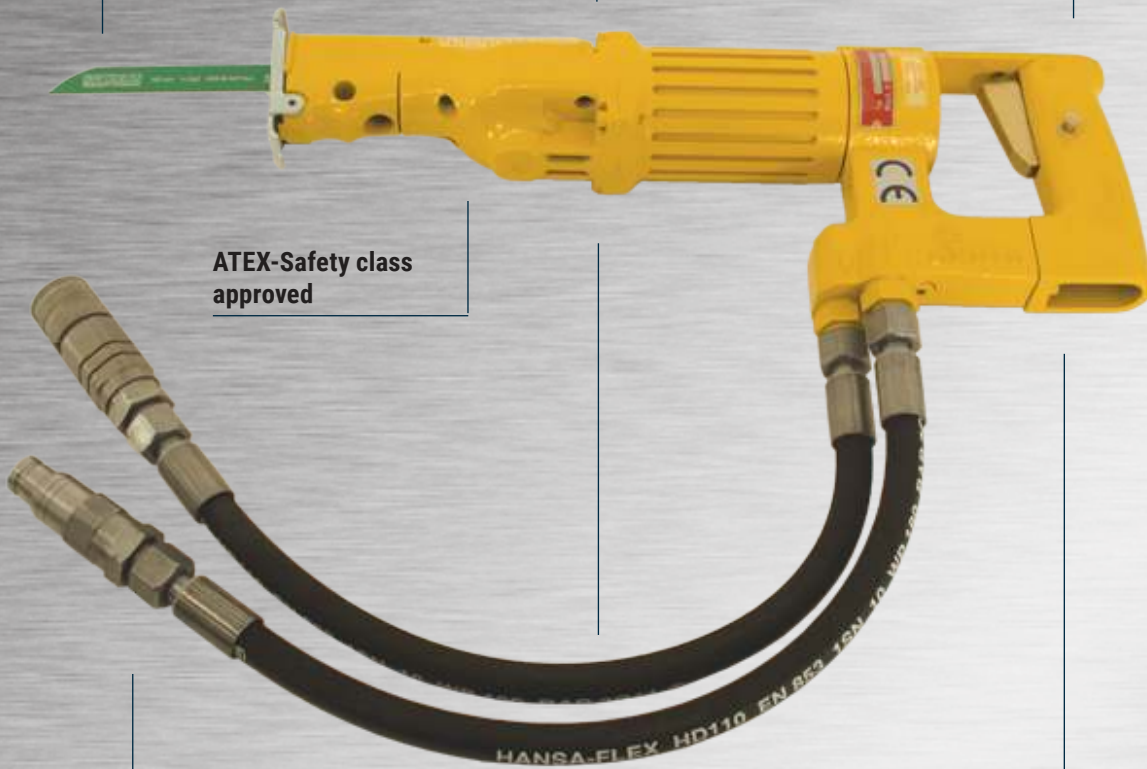
Saw blade with cutting guide



Tool change



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.



ORDER NO.	ATEX Specification	Power kW	HYDRAULIC Volume flow l/min	Stroke length mm	OPER. PRESSURE 90-140 bar Number of strokes rpm	Noise level LpA dB(A)	ATEX Vibration level m/s <sup>2</sup>	UNDERWATER OPERATION Weight kg	
									II2GExhIIBT5Gb
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<sup>1)</sup>, 1xCarrying box<sup>2)</sup>

# TECHNICAL DATA

# 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.

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								X	
9 2505 0210	6	225	0.9	19	X	X			X	X			X								X	
9 2505 0040	6	280	0.9	19	X	X			X	X			X								X	
9 2505 0100	10	150	0.9	19	X		X		X	X			X									
9 2505 0180	10	200	0.9	19	X		X		X	X			X									
9 2505 0190	10	250	0.9	19	X		X		X	X			X									
9 2505 0020	10	280	0.9	19	X		X		X	X			X									
9 2505 0240	10-14	150	0.9	19	X		X		X				X									
9 2505 0250	10-14	200	0.9	19	X		X		X	X			X									
9 2505 0260	10-14	225	0.9	19	X		X		X	X			X									
9 2505 0270	10-14	250	0.9	19	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			
9 2505 0110	24	150	0.9	19				X							X				X			

## 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.

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										

## SAW BLADE HM-TIPPED

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

## QUICK-RELEASE ADAPTER

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



## EARTHING CABLE AND NIPPLE ASSEMBLY

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



## SUSPENSION BRACKET AND RETAINING CHAIN

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



## CLAMPS FOR PIPES

ORDER NO.	Description
5 1217 9500	Clamp for pipes up to dia. 100 mm for rectangular cuts
5 1217 9910	Clamp for pipes up to dia. 150 mm for rectangular cuts



## PERFORMANCE KIT

ORDER NO.	Description	For type
9 3801 1210	Sound absorber for slow cutting speed (1,700 rpm)	5 1217 0010

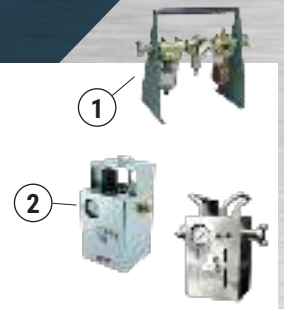


# SYSTEM ACCESSORIES

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## SERVICE UNITS

ORDER NO.	Pos.	Description
9 2406 0260	1	Service unit, portable, pressure regulator 3/4"
9 2406 0650	2	Service unit, portable, protection housing, pressure regulator 3/4"
9 2406 065C	2	Service unit, portable, protection housing G 3/4", incl. pressure regulator, water absorber and oiler, for ATEX IIC environment



## HOSES AND MORE

ORDER NO.	Pos.	Description
9 3610 0410	1	Pneumatic pressure hose ID 13 mm, 2.5 m length, screw-on claw coupling
9 3610 0420	1	Pneumatic pressure hose ID 16 mm, 2.5 m length, screw-on claw coupling
9 3610 0430	1	Pneumatic pressure hose ID 19 mm, 2.5 m length, screw-on claw coupling
9 3601 0430	1	Pneumatic pressure hose ID 19 mm, 5 m length, for ATEX IIC environment
9 2102 0020	2	Claw coupling, metal sealing, 3/4" ID
2 1317 9010	3	Hydraulic hose set for type 5 1219
9 2006 0970	4	Ball valve assembly G 3/4" (incl. claw couplings)



## ESD SAFETY MAT

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



## WATER COOLING

ORDER NO.	Description	For type
5 8002 9100	Water tank complete	all
5 1217 9200	Water cooling assembly	5 1217, 5 1218, 5 1219



## CARRYING AND CLEANING

ORDER NO.	Description
9 9910 0070	Carrying case for type 5 1217 0010 and type 5 1218 0010
5 1212 9000	Carrying case for type 5 1219 0010
9 9910 006C	Carrying case for type 5 1217 001C, for ATEX IIC environment
9 9910 0600	Carrying case for type 5 12137 0010
9 9902 0120	Multi oil for cleaning and protection



More accessories on request.

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