



Machine Torch SB 500W AUT, water cooled

Technical Data according to EN 60 974-7

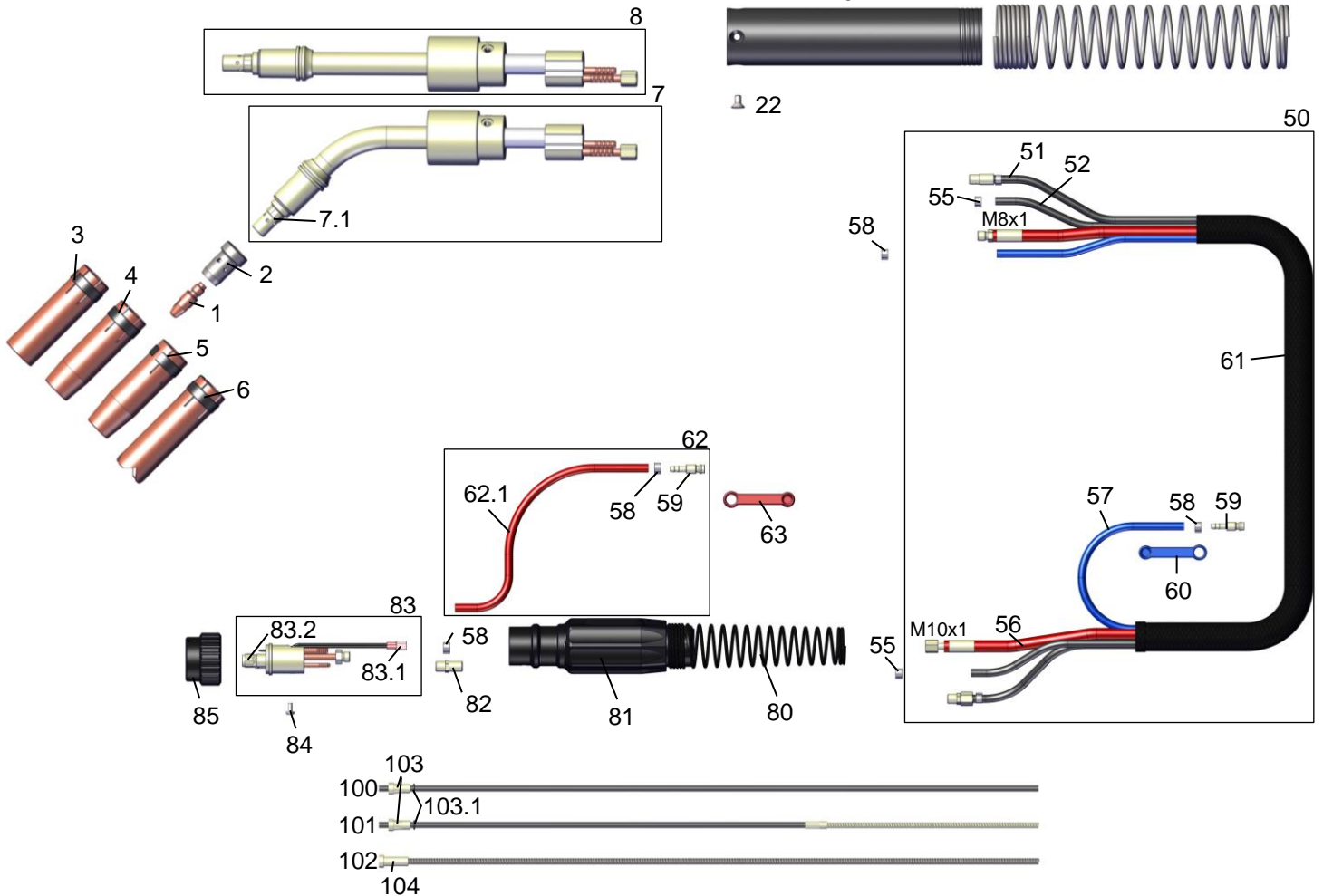
Rating:

CO<sub>2</sub>: 500A

Mixed gas M21: 450A

Duty cycle: @100%

Wire-Ø: 0,8 – 1,6mm



**Part Number for complete Welding Torch**

Standard equipment for Ø 1,2mm

Part. No.	3m	4m	5m
SB 500W AUT – 180° cpl. with Euro connection and equipped steel liner 2,0x4,5mm	2513009	2514009	2515009
SB 500W AUT – 45° cpl. cpl. with Euro connection and equipped steel liner 2,0x4,5mm	2513019	2514019	2515019

	Dimensions	X	Y
	180° (straight)	167 mm	-
	45° bent	135 mm	83 mm



## Spare Part List

Pos.	Part No.	Description	Pos.	Art.Nr.	Description
1	24106xx	Contact Tip M8x30, $\varnothing$ in mm / ECu <sup>1</sup> (PU=10)	50	24139A30	Cable assembly AUT cpl. 3m
	24176xx	Contact Tip M8x30, $\varnothing$ in mm / CuCrZr (PU=10)		24139A40	Cable assembly AUT cpl. 4m
	24166xx	Contact Tip M8x30, $\varnothing$ in mm / für Alu (PU=10)		24139A50	Cable assembly AUT cpl. 5m
	22506xx	Contact Tip M6x28, $\varnothing$ in mm / ECu (PU=10)	51	2514630	Liner Conduit cpl. 3m
	22576xx	Contact Tip M6x30, $\varnothing$ in mm / CuCrZr (PU=10)		2514640	Liner Conduit cpl. 4m
	22566xx	Contact Tip M6x30, $\varnothing$ in mm / für Alu (PU=10)		2514650	Liner Conduit cpl. 5m
	<i>Contact Tip available in <math>\varnothing</math> 0.8/0.9/1.0/1.2/1.4/1.6 mm</i>		52	0550111	Gas Hose $\varnothing$ 4,0x1,5 (PU=100m)
	<i>Please insert wire diameter at xx.</i>		55	03210871	Single Ear Clamp D=8,7 (PU=10)
	<i>Example: <math>\varnothing</math> 1.2 mm is: 12; Part No.: 2410612</i>				
2	2410702	Gas diffusor, white <sup>1</sup> (PU=10)	56	2414130	Power Cable cpl. 3m
	2410700	Gas diffusor, black (PU=10)		2414140	Power Cable cpl. 4m
3	2410801	Gas Nozzle, cylin. NW19 L=76mm (PU=10)		2414150	Power Cable cpl. 5m
4	2410802	Gas Nozzle, con. NW16 L=76mm <sup>1</sup> (PU=10)	57	0550105	Water Hose blue $\varnothing$ 5,0x1,5, (PU=100m)
5	2410803	Gas Nozzle, tapered NW14 L=76mm (PU=10)	58	03211001	Single Ear Clamp D=10,0 (PU=10)
6	2410805	Spot Welding Gas Nozzle NW20 L=76mm (PU=10)	59	2990800	Water Hose Nipple (PU=10)
7	2510113	Swan Neck SB500W AUT – 45°	60	45050339	Water Stop blue (PU=10)
7.1	2410408	Tip Adapter M8 short <sup>1</sup> (PU=10)	61	24145A30	Cover Hose AUT complete 3m
	2410418	Tip Adapter M8 long (PU=10)		24145A40	Cover Hose AUT complete 4m
	2410406	Tip Adapter M6 short (PU=10)		24145A50	Cover Hose AUT complete 5m
	2410416	Tip Adapter M6 long (PU=10)	62	2414705	Water Outlet Hose cpl. 0,55m
8	2510103	Swan Neck SB500W AUT – 180°	62.1	0550108	Water Hose red $\varnothing$ 5,0x1,5 (PU=100m)
			63	45050340	Water Stop red (PU=10)
20	2411009S	Handle Tube AUT			
21	2411622	Cable Support Spring fitting Handle Tube			
22	0233747	Flat Head Machine Screw M4x6			



Pos.	Part No.	Description	Pos.	Part No.	Description
80	2411611	Cable Support Spring	100	34120X0	PTFE- Liner 2,0x4,0mm / Xm red
81	2411600S1	Gun Plug Housing, without Nut		34727X0	PTFE- Liner 2,7x4,7mm / Xm yellow
82	2411501	Threaded Nipple		35120X0	Carbon -PTFE- Liner 2,0x4,0mm / Xm
83	2411505	Central plug water-cooled		35127X0	Carbon -PTFE- Liner 2,7x4,7mm / Xm
83.1	2155100	Female Electrical Connector, insulated (PU=20)		35220X0	PA- Liner 2,0x4,0mm / Xm
83.2	2151501	Liner Positioner Nut		35323X0	PA- Liner 2,3x4,7mm / Xm
84	0040601	Screw (1) (PU=10)		35327X0	PA- Liner 2,7x4,7mm / Xm
85	2151700	Plug Nut	101	34120X0K	PTFE- Liner 2,0x4,0mm / Xm red
				34727X0K	PTFE- Liner 2,7x4,7mm / Xm yellow
				35120X0K	Carbon-PTFE- Liner 2,0x4,0mm / Xm
				35127X0K	Carbon -PTFE- Liner 2,7x4,7mm / Xm
				35320X0K	PA- Liner 2,0x4,0mm / Xm
				35323X0K	PA- Liner 2,3x4,7mm / Xm
				35327X0K	PA- Liner 2,7x4,7mm / Xm
			102	34520X1	Steel Liner 2,0x4,5mm / Xm <sup>1</sup> blank
				34525X1	Steel Liner 2,5x4,5mm / Xm blank
					<i>Liner in standard length 3m/4m/5m. Please insert the length at X. Example: Steel Liner 4m = 3452041</i>
			103	2155740	Collet for PTFE Liner Ø4,0mm (PU=10)
				2415748	Collet for PTFE Liner Ø4,7mm (PU=10)
			103.1	0031500	O-Ring (PU=10)
			104	2415640	Collet for Steel Liner Ø4,0mm (PU=10)
				24155645	Collet for Steel Liner Ø4,5mm (PU=10)

<sup>1</sup> Included in the standard equipment welding torch cpl.