



The strong for the industry with 100% duty cycle at 500 Ampere

- Outstanding improvement of the welding arc stability
- Stable welding arc also at changing „stick out“ or during weaving
- Growth of the welding speed through the new, integrated high-speed-mode
- Optimised digital arc welding start



Type		M 500
Main voltage (± 15%)		3 x 400 V / 50 Hz
Actual power output max		23,6 kVA
Welding current		30–500 A
Welding voltage		12–39 V
Welding current / Duty cycle	100%	500 A (10 min / 40°C)
Safety class / Cooling system		IP 23 / F
Switching steps		infinitely
Dimensions L x B x H		710 x 395 x 762 mm
Weight		80 kg

Standard equipment		Wire feeder CM-7403A-D
		Wire feeder 4-roll
Wire feed speed		1,5–22 m/min
Welding wire diameter		0,8–1,6 mm
Safety class / Cooling system		IP 23
Dimensions L x B x H		723 x 285 x 394 mm
Weight		17 kg

Cooling unit		
Main voltage		2 x 400 V / 50 Hz
Feed rate max		2,5 l/min
Feed pressure max		3,5 bar
Cooling capacity bei 40°C		1200 W
Dimensions L x B x H		756 x 380 x 184 mm
Weight		31 kg

Art. No.	Description
0004-04-0033	WB-M500 MAG digital inverter welding power source
0030-04-0026	CM-7403A-D wire feeder unit, 4-roll (Fe/SuS), by analog remote
0020-04-0071	BTW500-30E welding torch watercooled, 500 A, 3 m
0042-04-0004	5H/IF Cooling unit for WB
0043-04-0001	Special coolant (10 l)
0040-04-0008	Trolley
0060-04-0090	Connecting tube package for analog wire feeder unit, watercooled, 70 mm ² , 2,2 m
0050-04-0011	Earth cable, 70 mm ² , 5 m, 600 A, with clamp and DIX plug
0110-04-0001	Pressure regulator Ar/CO ₂
0070-05-0002	CEE plug 5-pin, 32 A
SELB-000001	Pre-assembly



Art. No.	Description
	Options
0042-04-0004	5H/IF Cooling unit for WB
0043-04-0001	Special coolant (10 l)
0310-04-0202	Display cover for Welbee, transparent
0310-04-0203	Display cover for Welbee, tinted
0303-04-0001	Welbee fixing kit (gascooled)
	Wire feeder unit
0015-04-0045	LCD panel modul
0030-04-0028	CMA-7403A-D Wire feeder unit, 4-roll (Alu), by analog remote
0040-04-0009	Trolley for the wire feeder unit
	Connecting tube packages* for analog wire feeder unit
0060-04-0087	Connecting tube package gascooled, 70 mm ² , 2,2 m
0060-04-0088	Connecting tube package gascooled, 70 mm ² , 5 m
0060-04-0089	Connecting tube package gascooled, 70 mm ² , 10 m
0060-04-0090	Connecting tube package watercooled, 70 mm ² , 2,2 m
0060-04-0091	Connecting tube package watercooled, 70 mm ² , 5 m
0060-04-0092	Connecting tube package watercooled, 70 mm ² , 10 m

Art. No.	Description
	Connecting tube packages* for LCD wire feeder unit
0060-04-0093	Connecting tube package gascooled, 70 mm ² , 2,2 m
0060-04-0094	Connecting tube package gascooled, 70 mm ² , 5 m
0060-04-0095	Connecting tube package gascooled, 70 mm ² , 10 m
0060-04-0096	Connecting tube package watercooled, 70 mm ² , 2,2 m
0060-04-0097	Connecting tube package watercooled, 70 mm ² , 5 m
0060-04-0098	Connecting tube package watercooled, 70 mm ² , 10 m
	Welding torch
0020-04-0084	BT280-30E welding torch aircooled, 280 A, 3 m
0020-04-0085	BT280-40E welding torch aircooled, 280 A, 4 m
0020-04-0086	BT280-50E welding torch aircooled, 280 A, 5 m
0020-04-0087	BT330-30E welding torch aircooled, 330 A, 3 m
0020-04-0088	BT330-40E welding torch aircooled, 330 A, 4 m
0020-04-0089	BT330-50E welding torch aircooled, 330 A, 5 m
0020-04-0090	BT400-30E welding torch aircooled, 400 A, 3 m
0020-04-0091	BT400-40E welding torch aircooled, 400 A, 4 m
0020-04-0092	BT400-50E welding torch aircooled, 400 A, 5 m
0020-04-0068	BTW450-30E welding torch watercooled, 450 A, 3 m
0020-04-0069	BTW450-40E welding torch watercooled, 450 A, 4 m
0020-04-0070	BTW450-50E welding torch watercooled, 450 A, 5 m
0020-04-0071	BTW500-30E welding torch watercooled, 500 A, 3 m
0020-04-0072	BTW500-40E welding torch watercooled, 500 A, 4 m
0020-04-0073	BTW500-50E welding torch watercooled, 500 A, 5 m
0020-04-0075	BTW450D-30E Digital welding torch watercooled, 450 A, 3 m
0020-04-0076	BTW450D-40E Digital welding torch watercooled, 450 A, 4 m
0020-04-0077	BTW450D-50E Digital welding torch watercooled, 450 A, 5 m
0020-04-0078	BTW500D-30E Digital welding torch watercooled, 500 A, 3 m
0020-04-0079	BTW500D-40E Digital welding torch watercooled, 500 A, 4 m
0020-04-0080	BTW500D-50E Digital welding torch watercooled, 500 A, 5 m
0666-04-0003-SET	Aluminium kit for welding torch BTW450, Ø 1,2 mm
0666-04-0004-SET	Aluminium kit for welding torch BTW450, Ø 1,6 mm
0666-04-0005-SET	Aluminium kit for welding torch BTW500, Ø 1,2 mm
0666-04-0006-SET	Aluminium kit for welding torch BTW500, Ø 1,6 mm
0666-04-0008-SET	I/F-Kit for analog wire feeder unit with digital welding torch
0666-04-0009-SET	I/F-Kit for LCD wire feeder unit with digital welding torch
	Remote control
0021-04-0006	K5416Z00 remote control analog for WB
0021-04-0004	E-2454 remote control English version, digital
	Connecting cable
0050-04-0030	BKCAN-0410 CAN interface connecting cable, 10 m
0050-04-0031	BKCAN-0420 CAN interface connecting cable, 20 m
0050-04-0032	BKCAN Plug
	Remote control/Network/IT
0015-04-0030	Expansion set for PC (Laptop)
0015-04-0033	Welding monitoring for Welbee (Software for PC)
0015-04-0031	Expansion set "Teaching" (for Android Tablets)
0015-04-0032	Expansion set "Monitoring" (for Android Tablets)
0027-04-0001	WLAN-Router for the Expansion set

* Additional hose pack lengths, on request