

MULTI-PROCESS Fabricator EM 401w

Part Number	0446400883
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STEP 1

Powersource Selection

Technical Information	
Input voltage	380-415 V, ±10%, 3~ 50/60 Hz
Setting range MIG (GMAW/FCAW)	30 A / 15.5 V – 400 A / 34 V
Setting range MMA (SMAW)	30 A / 21.2 V – 400 A / 36 V
Open circuit voltage	65.0 V
Efficiency @ max current Mig	86%
Power factor @ max current Mig	0.91
Welding output MIG	400 A / 34 V @ 60%
Welding output MMA	400 A / 36 V @ 60%
Recommended slow fuse	32A
Energy saving mode	< 35W
Operating temperature	-10° to 40° C
Wire diameter range	0.8 – 1.2 mm
Supply cable diam. size	4 x 6 mm ²
Protection class	IP23
Application class	S
Isolation class	H
Dimensions L x W x H	1035 x 500 x 1015 mm
Weight w/ cooling unit w/o coolant	107.5 kg
Weight w/ cooling unit and coolant	115.5 kg
Approvals	CE, ECO Design

MIG MULTI-PROCESS

Panel Information

Product Family	Product Name	Ending arc current	Ending arc voltage	Arc force	Inductance	Wire diameter	Welding process	Welding gas	2 stroke/4 stroke/4 stroke cont.	Gas purge
Fabricator powersource panel	nn	x	x	x	x	x	x	x	x	x

STEP 2

Wire Feeder Selection

Product Family	Product Name	Ordering Part Number	Drive System	Water Cooling	Feeding Speed	Weld Spool Capacity	Max Spool Diameter
Fabricator feed	Fabricator Feed 304 w	0446401882	4 wheels drive	x	1.5 – 25.0 m/min	18 kg	300 mm

Max Diam CS Solid Wire	Max Diam SS Solid Wire	Max Diam Cored Wire	Dimensions	Weight
0.8 - 1.6 mm	0.8 - 1.6 mm	0.9 - 1.6 mm	675 x 265 x 418 mm	14.2

STEP 3

Connection Cable Selection

Product Family	Product Name	2 m	5 m	10 m	15 m	25 m
Connection cable	70mm ² water cooled	0459836890	0459836891	0459836892	0459836893	0459836894
Connection cable	95mm ² water cooled	0459836990	0459836991	0459836992	0459836993	0459836994














STEP 4

Torches Selection

Product Family	Output Mix Gas at 100%	Wire diameter (mm)	Product Name	3m	4m	5m
Mig Torches	350A	1,0 - 1,6	TBi 411 T-Lux Euro	133P481030	133P481040	133P481050
Mig Torches	450A	1,0 - 1,6	TBi 511 T-Lux Euro	134P481030	134P481040	134P481050

STEP 5

Accessories Selection


Product Name	Part No.		Product Name	Part No.	
Converter plug for gas heater supply	0447014001		Lifting eye	0458706880	
Wire feed mounting bracket kit - only for wirefeeder assembled with wheel kit	0447617880		Strain relief for welding torch	0457341881	
Bobbin cover kit, plastic Ø 300 mm	0458674880		Quick connector MarathonPac™	F102440880	
Wheel kit - only front wheel turn	0458707880		Water kit for wire feeder	0465276881	
Wheel kit - all wheel turn	0458707881		Strain relief bracket for connection set	0459234880	
Adapter for Ø 440 mm bobbin	0459233880		Counterbalance Arm for Warrior Feed Requires Stabilizer kit 0465509880	0458705880	
			Stabilizer Kit for Counterbalance	0465509880	




STEP 6

Wear Part List


Product Family	Product Name
Wear part RobustFeed	n.a.



Wears part for carbon steel, stainless and cored wires

Wire Diameter mm	0.6/0.8	0.8/1.0	0.9/1.0/1.2	1.4/1.6	Roller Marking	Feed/Pressure Roller
	X				0.6 S2 & 0.8 S2	0459052001
		X			0.8 S2 & 1.0 S2	0459052002
			X		1.0 S2 & 1.2 S2	0459052003
				X	1.4 S2 & 1.6 S2	0459052013

Inlet Wire Guide Ø 3 mm for 0.6-1.6 mm Fe, Ss, Cored Wire	Middle Wire Guide 2 mm for 0.6-1.6 mm	Outlet Wire Guide 2 mm for 0.6-1.6 mm
		
0455049001	0455072002	0469837880

Wears part for cored wires - different wire guides dependent on wire diameter

Wire Diameter mm	0.9/1.0/1.2	1.2/1.2	1.2/1.4	1.6	Roller Marking	Feed/Pressure Roller
	X				0.6 R2 & 0.8 R2	0458825001
		X			0.8 R2 & 1.0 R2	0458825010
			X		1.0 R2 & 1.2 R2	0458825002
				X	1.4 R2 & 1.6 R2	0458825003

Inlet Wire Guide Ø 3 mm for 0.6-1.6 mm Fe, Ss, Cored Wire	Middle Wire Guide 2 mm for 0.6-1.6 mm	Outlet Wire Guide 2 mm for 0.6-1.6 mm
		
0455049001	0455072002	0469837880

Popular Package

Fabricator 400 A, Water cooled 2m Interconn

Product No	Product name
0446400883	Fabricator EM401iw
0446401882	Fabricator Feed 304w
0459836890	Interconn set 2m/W 70mm2 19P
0700025251	Welding torch MXL 411W 4m EURO