

# MULTI-PROCESS Fabricator EM 401i

Part Number	0446400884
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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% 310 A / 29.5 V @ 100%
Welding output MMA	400 A / 36 V @ 60% 310 A / 32.4 V @ 100%
Recommended slow fuse	32 A
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 <sup>2</sup>
Protection class	IP23
Application class	S
Isolation class	H
Dimensions L x W x H	1035 x 500 x 1015 mm
Weight	102 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	Feeding Speed	Weld Spool Capacity
Fabricator feed	Fabricator Feed 304	0446401881	4 wheels drive	1.5 – 25.0 m/min	18 kg

Max Spool Diameter	Max Diam CS Solid Wire	Max Diam SS Solid Wire	Max Diam Cored Wire	Dimensions	Weight
300 mm	0.8 - 1.6 mm	0.8 - 1.6 mm	0.9 - 1.6 mm	675 x 265 x 418 mm	13.9 kg

## STEP 3

### Connection Cable Selection

Product Family	Product Name	2 m	5 m	10 m	15 m	25 m
Connection cable	70mm <sup>2</sup> gas cooled	0459836880	0459836881	0459836882	0459836883	0459836884





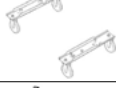

## STEP 4

### Torches Selection

Product Family	Output Mix Gas at 60%	Wire diameter (mm)	Product Name	3m	4m	5m
Mig Torches	230A	1,0 - 1,2	Tbi 260 T-Lux	118P381030	118P381040	118P381050
Mig Torches	300A	1,0 - 1,6	Tbi 360 T-Lux	114P381030	114P381040	114P381050

## STEP 5

### Accessories Selection

Product Name	Part No.	
Converter plug for gas heater supply	0447014001	
Wire feed mounting bracket kit - only for wirefeeder assembled with wheel kit	0447617880	
Bobbin cover kit, plastic Ø 300 mm	0458674880	
Wheel kit - only front wheel turn	0458707880	
Wheel kit - all wheel turn	0458707881	
Adapter for Ø 440 mm bobbin	0459233880	


Product Name	Part No.	
Lifting eye	0458706880	
Strain relief for welding torch	0457341881	
Quick connector MarathonPac™	F102440880	
Water kit for wire feeder	0465276881	
Strain relief bracket for connection set	0459234880	
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, Air cooled, 2m Interconn

Product No	Product name
0446400884	Fabricator EM401i
0459836880	Interconn set 2M 70mm2 19P
0446401881	Fabricator Feed 304
0700025241	Welding torch MXL 341 4m EURO
0458707881	Wheel kit 4 wheels turn