

# MMA/TIG DC Fabricator ES 410iC

Part Number	0447100881
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## STEP 1

### Powersource Selection

Technical Information	
Input voltage	400 V +/- 15%, 3ph 50/60Hz
Voltage/Current range TIG DC MMA	30 A / 21,2 V - 410 A / 36,4 V 10 A / 10,4V - 410 A / 26,4 V
Open circuit Voltage U0 Max VRD deactivated VRD function activated	76 V 13,5 V
Efficiency Efficiency TIG @ Max Current Efficiency MMA @ Max Current	86% 88%
Power factor TIG @ Max current	0.79
Power factor MMA @ Max current	0.82
Permissible load TIG (GTAW)	410 A / 26,4 V @ 60% 310 A / 22,4 V @ 100%
Permissible load MMA (SMAW)	410 A / 36,4 V @ 60% 310 A / 32,4 V @ 100%
Idle state power (fan stop running)	40 W (VRD OFF) 15 W (VRD ON)
Continual sound pressure at no load	<70db (A)
Fuse type C MCB	32 A
Operating temperature	- 10° + 40° C (+14° to +104° F)
Enclosure class	IP23S
Insulation class	F
Application class	S
Dimension L x W x H	525 x 280 x 475mm
Weight	35,5 kg
Approvals	CE, ECODesign

### Panel Information

Product Family	Product Name
MMA machine	Fabricator ES 410iC

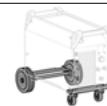
### Panel Functions

Processes	MMA Setting	Other functionalities
MMA	Hot Start - Adjustable with knob	VRD ON/OFF
MMA Cellulosic - XX10	Arc Force - Adjustable with knob	Local/Remote
TIG DC - Live Tig		
Gouging		

## STEP 2

### Trolley Selection

Product Family	Product Name	Ordering part number	Gas bottle
Accessory	Wheel kit for powersource	0447996127	No







## STEP 3

### Torches Selection

Cooling	Duty cycle	Electrode Ø	Module	Handle	4m	Model
Gas	200 A @ 60%	0,5 - 4,0 mm	Trigger	Large	0700025530	EXEOR TIG SR 26V HD

**STEP 4****Accessories Selection**

Product Name	Part No.	
MMA 4 Analogue Remote Control incl. 10 m cable and 8-pin connector	0700500084	
MMA welding cable 400A, Twist, 50 mm 2, 5 m, OKC50 (Handy 400)	0700006890	
MMA welding cable 500A, Twist, 50 mm 2, 5 m, OKC50 (ESAB 500)	0700006892	
Return cable 500A, 50 mm 2, 5 m, OKC 50 (EG 600)	0700006893	

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