



## **OPTIPULS 280i**



*MIG/MAG welding  
installation.*

*Inverter technology.*

### **Simplicity, performance and operability**

- *Very easy to use, compact size giving exceptional welding performance, this new equipment offers an unrivalled level of user control and comfort.*
- *An excellent solution for the welding of carbon and stainless steels, using solid or flux cored wires also light alloys and aluminium including aluminium bronze.*

**Front panel easy to use**

**Pre-setting of all parameter**

**Synergic adjustment of the welding parameters**

**Access to internal parameters**



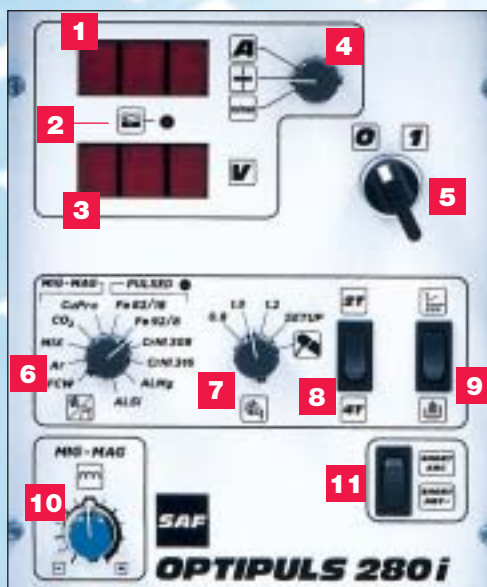
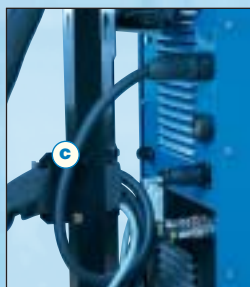
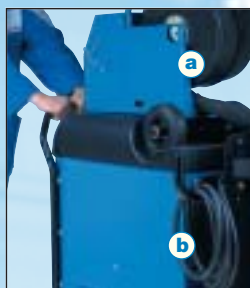
**AIR LIQUIDE**

**WELDING**



## Easy handling

- a The wire feed unit stows easily on top of the power supply.
- b The cables wind onto their support.
- c Simple connectors are perfectly protected at the rear of the power supply.



- 1 Pre-setting and display of wire feed rate, thickness, current.
- 2 Indicator showing most recent parameters retained.
- 3 Pre-setting and display of voltage.
- 4 Selector, current, thickness, wire speed feed.
- 5 On/off.
- 6 Selector, smooth current, pulsed current, wire/gas combination.
- 7 Selector, wire diameter, set-up, coated electrode.
- 8 2-stage/4-stage, cycle selector.
- 9 Selector, synergic, manual.
- 10 Inductance adjustment, smooth current.
- 11 Selector mode, short arc, short arc +.

## Option: a multivoltage solution

### Autotransformer POWER BOX

three-phase 230 / 400 V. Allows to supply the welding power sources of inverter type at duty cycle 350 A at 60 %.

Example : PRESTO 250, PRESTOTIG 250, PRESTOTIG 300 AC/DC, BUFFALO 350i CC/CV, OPTIPULS i, PRESTOZIP 630.



## Technical characteristics:

Primary voltage	230 V
Outlet voltage	400 V
Max. outlet intensity	28 A
Power	20 kVA
Protection index	IP 21
Net weight	44 kg
Dimensions	550 x 255 x 255 mm

## Technical characteristics:

<b>Primary</b>		
Three phase power supply		400 V 50-60 Hz
Consumption at maximum current		22 A
<b>Secondary</b>		
No load voltage		77.5 V
Welding current		15 to 270 A
Duty cycle at 40 °C	at 100%	210 A
	at 60 %	240 A
	at 45 %	270 A
<b>Wires usable</b>	Steel/stainless steel	0.8 – 1.2 mm
	Aluminium	0.8 – 1.2 mm
	Flux cored wires	1.0 – 1.2 mm
<b>Wire feeding</b>		
Number of rollers		4
Wire feed rate		0 to 20 m/min
<b>Welding cycle</b>		2 S / 4 S
<b>Mode</b>		Coated electrodes Adjustment by set-up of the cycle parameters Flux cored wire selection
<b>Dimensional characteristics</b>		
Dimensions (L x w x h)		1090 x 610 x 970 mm
Net weight		82 kg
<b>Protection index</b>		IP 23
<b>Standard</b>		EN 60974-1 / EN 50199

## To order:

<b>Standard offer</b>	VO 02-200
<b>Cat. n° without accessories</b>	9160-1413
<b>Cat. N° package with DV 44i:</b>	
Harness 2 m and torch 3 m	9160-1650
Harness 2 m and torch 4 m	9160-1651
Harness 5 m and torch 3 m	9160-1652
Harness 5 m and torch 4 m	9160-1653
Harness 10 m and torch 3 m	9160-1654
Harness 10 m and torch 4 m	9160-1655
<b>Option POWER BOX</b>	9160-1056

