

# MIG/MAG

## Multi process

### Aristo™ Mig 5000i / U5000i

Mig 5000i provides fabricators with the ideal solution for the welded assembly of highly specified components using high alloyed materials. As well as a maximum operating radius of 35 m without any arc voltage drop. The unit offers a wide range of configuration and control options for MIG/MAG, pulse MIG, MMA and carbon arc gouging.

#### Features

- ✓ Latest development in inverter design
- ✓ Reliable and smooth starts and ends supported by efficient hot start and crater functions
- ✓ Efficient Man Machine Communication (MMC) by user friendly control panel
- ✓ Wide range of pre-programmed synergic lines
- ✓ ESAB Logic Pump (ELP)
- ✓ True Arc Voltage System™
- ✓ Dust filter to handle tough and dirty environment



#### Technical specifications

	<b>Aristo™ Mig 5000i</b>
Mains voltage, V, ph/Hz	400, 3~50/60 460, 3~60
Fuse (slow), A	35
Permitted load, MMA	
60% Duty cycle, A/V	500 / 40
100% Duty cycle, A/V	400 / 36
Setting range, MIG/MAG, A/V	16 - 500 / 80 - 60
Setting range, MMA, A	16 - 500
Open Circuit Voltage, V	68 - 88
Power factor at maximum current	0.91
Efficiency at maximum current, %	87
Control voltage, V/ph/Hz	42, 1~50/60
Operating temperature, °C	-10 to +40
Insulation class	H
Enclosure class	IP 23
Application classification	S
Standards	IEC/EN 60974-1, EN 50199
Weight, kg	68
Dimensions (LxWxH), mm	625 x 394 x 496
Dimensions with coding unit (LxWxH), mm	625 x 394 x 776



Water cooling unit:	
Cooling capacity	2500 W at 40°C 1.5 l/min
Coolant volume, L	5.5
Max flow, L	2.0
Max pressure, bar	3.4
Weight, kg	20

#### Ordering information

Aristo™ 5000i Mig (3x400 V 50 Hz)	0459 230 880
Aristo™ 5000iw Mig (3x400 V 50 Hz)	0459 230 881
Aristo™ U5000i Mig (3x400 V 50 Hz)	0459 230 882
Aristo™ U5000iw Mig (3x400 V 50 Hz)	0459 230 883

Supplied with 5 m mains cable plug and 5 m return cable incl. earth clamp.

Fact sheet BXA0 113 020

For PSF™ torches, refer fact sheet XA00100020 or page 48  
 For remote controls, refer page 54 to 56  
 For interconnection cables, refer page 44  
 For suitable feeders, refer page 41 - 42