

Aristo® Mig 5000i/U5000i with Aristo Feed



3Phase DC CVCC

- Multi-process; GMAW, pulse GMAW, SMAW, GTAW, Pulse GTAW and carbon arc gouging
- The ideal welding package for efficient production or pre-fabrication of high demand applications with high alloyed materials
- Chassis made of extruded aluminum sections; Alutech™, a robust material that withstands rough treatment
- The power source is based on inverter IGBT technology that provides reliable equipment with outstanding welding characteristics
- The control and communication CAN-bus system means less cables, increasing operational reliability
- The power source is optimized to operate together with Aristo Feed 3004w U6 and U8 wire feeders
- Define and store customized synergic lines for any material or gas combinations; memory for 10 (U6) or 256 (U8) welding parameters
- Connection cables up to 115 ft. (35 m) provide a working radius of up to 115 ft. (35 m)
- The TrueArcVoltage™ System guarantees welding with the correct arc voltage independent of any voltage drop in the welding cables; same arc voltage and weld result whether setup with a short connection cable and 10 ft. (3 m) gun or 115 ft. (35 m) working radius
- Dust filter handles tough, dirty environments and avoids grinding-dust and metal particles inside the chassis
- Aristo SuperPulse process with the ability to control the heat input (U8 Pendant)

Ordering Information

USA

Aristo Mig 5000i, 460V, 3ph, 60Hz 0459230884
 Aristo Mig U5000i, 460V, 3ph, 60Hz 0459230885
 Aristo Mig U5000iw 460V, 3ph, 60Hz¹ 0459230886

¹With built-in water cooler. Work cable not included.

Canada

Aristo Mig 5000i, 208-575V, 3 ph, 60Hz 0459230880MV
 Aristo Mig 5000iw, 208-575V, 3ph, 60Hz¹ 0459230881MV

¹With built-in water cooler. Aristo Mig power sources have 12-pole Burndy connector. Power source includes 16.4 ft. (5 m) work cable with ground clamp.



Ordering Information continued

Aristo Feed Wire Feeders

Aristo Feed 3004w, U6 Panel	0460526896
Aristo Feed 3004w, U8 Panel ¹	0460526891

Aristo Feed 3004w wire feeders have 4-roll drive system and 10-pole amphenol cable connection. Wire feeders include water kit, spool enclosure, .035/.045 in. (0.9/1.2 mm) V-groove drive rolls and guide tube.

¹Aristo Feed 3004w U8 panel requires Aristo Pendant U8₂ Plus #0460820881.

Options & Accessories

Handle (complete set = 2) ¹	0459307881
Trolley 1 (standard).....	0458530880
Trolley 2 (with MiniBoom or Dual Feeder)	0458603880
Guide pin (if no trolley).....	0458731880
Quick Connector Kit ²	0459546880

MMC kits for MMC panel mounted in the:

Power source.....	0459579880
MMC - U6	0458535890

Connection Cables, Water Cooled Torches

5.6 ft. (1.7 m)	0459528970
16.4 ft. (5 m)	0459528971
33 ft. (10 m)	0459528972
49 ft. (15 m)	0459528973
82 ft. (25 m)	0459528974
115 ft. (35 m)	0459528975

ESAT service kit

¹Includes mounting screws for separate installation.

²For current, water and shielding gas supply for 2x Aristo Feed.

Aristo® Mig 5000i/U5000i

with Aristo Feed



Remote Controls - CAN (order cable separately)

MTA1 CAN¹ 0459491880
 M1 10 Program CAN² 0459491882

¹Multi-function remote control for the following panels: A2, A4, TA4, TA6, MA4, MA6, U6, U8.

²Synergic MIG for MA6, U6, U8.

Remote Control MTA1 CAN

Process	Knob 1	Knob 2
SMAW	Current control	Arc force
GTAW	Pulse current	Background current
GMAW 1	Wire feed speed	Voltage control
GMAW 2	Wire feed speed	Voltage trim +/-



MTA1 CAN

Remote Control M1 10Prog CAN

Process	Knob 1	Switch 1 Function
GMAW 2	1-10 Memory Select	Voltage trim +/-



M1 10Prog CAN

Remote Control Cables - CAN

Length, ft. (m)	CAN 12 Pin ¹	CAN 10 Pin ²
0.8 (0.25)	0459554884	0459960883
16.4 (5)	0459554880	0459960880
33 (10)	0459554881	0459960881
49 (15)	0459554882	-
82 (25)	0459554883	0459960882
16.4 (5) HD	0459554880	0459960880
33 (10) HD	-	0459960881
82 (25) HD	-	0459960882

¹Used with Aristo Feed U8₂ & M0 wire feeders.

²Used with Aristo Feed U6 wire feeder.

Specifications

Aristo Mig 5000i, U5000i, U5000iw	
Input voltage:	
USA	460V, 3ph, 60Hz
Canada	208/230/460/575V, 3ph, 60Hz
Fuse slow, A	35
Setting range, DC:	
GMAW	16-500/8-60
SMAW	16-500
GTAW	4-500
Permitted load at:	
60% duty cycle	500/39
100% duty cycle	400/34
Open circuit voltage, V	68-88
Energy save mode, W	50
Input power, kW	23
Power factor at max current	0.85
Efficiency at max current, %	86
Control voltage, V, Hz	42, 50/60
Dimensions, LxWxH, in. (mm):	
Without cooling unit	25 x 16 x 20 (625x394x496)
With cooling unit	25 x 16 x 31 (625x394x776)
Enclosure class	IP 23
Insulation class (main trafo.)	H
Operating temperature, °F (°C)	32 to 104 (-10 to 40)
Weight, lbs. (kg)	152 (69)
Application class	S
Standards	IEC/EN 60974-1, EN 50199
Water Cooling Unit	
Cooling capacity, W, gal/min (L/min)	2500 at 104°F (40°C), 0.4 (1.5)
Coolant volume, gal/min (L/min)	1.4 (5.5)
Max flow, gal/min (L/min)	0.5 (2.0)
Max pressure, psi (bar)	50 (3.4)
Weight, lbs. (kg)	44.1 (20)
Dimensions, LxWxH, in. (mm)	25 x 16 x 11 (621x389x266)

ESAB Welding and Cutting Products

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