

Aristo® Mig 4004i Pulse



Low weight multi-process inverter equipment

- High Duty Cycle – suitable for long runs
- Wide mains input tolerance: 380 - 440 V +/- 10%
- Generator compatible – for on site use
- Pre-programmed synergic lines to ensure optimum settings with a wide choice of materials, wire dimensions and gas combinations.
- Memory for 10 (U6) or 255 (U8₂) welding schedules
- Customized synergic lines (U8₂)
- Creep start, gas pre-flow and hot start provide a soft and more direct start with less spatter
- Crater filling adjustable burn-back time and post gas
- Standby Function – energy saving system



Technical data	Aristo® Mig 4004i Pulse
Mains supply, V/Hz	380-440, 3-50/60
Fuse, anti surge, A	20
Mains cable, Ø mm ²	4 x 4
Setting range, A	
MIG/MAG	16 - 400
MMA	16 - 400
TIG (LiveTIG)	4-400
Open circuit voltage, V	55
Open circuit voltage VRD, V	< 35
Idle power, W	40
Efficiency at max current, %	88
Power factor at max current	0.94
Dimensions L x W x H, mm	610 x 250 x 445
Weight, kg	44.5
Incl COOL 1 excl. coolant, Kg	58
Operating temperature, °C	-10 to +40
Enclosure class	IP 23
Application class	S
Insulation class	H
zCertification	CE

Maximum output (MIG/MAG) at 40°C

60% duty cycle, A/V	400 / 34
100% duty cycle, A/V	300 / 29



Control Panel U6

- MIG/MAG pulse-type welding
- QSet™ parameter automation system
- Professional MMA welding
- Preprogrammed synergic lines
- 2 / 4 stroke torch switch actions
- End crater filling
- Creep start, Hot Start and wire burn-back time that can be set
- Gas pre- and post-flow can be set
- Gas test and tension-free wire feed
- Limit value assignment, password protection
- Multi-lingual menu guidance
- 10 storage slots



Control Panel U8₂ Plus

- MIG/MAG pulse-type welding with SuperPulse™
- Controller with two wire feeders possible
- Professional MMA welding
- Preprogrammed synergic lines
- Create special synergic lines yourself
- 2 / 4 stroke torch switch actions
- End crater filling
- Creep start, HotStart and wire burn-back time that can be set
- Gas pre- and post-flow can be set
- Gas test and tension-free wire feed
- 255 storage slots
- Data storage on USB stick
- Multi-lingual menu guidance
- Limit value assignment, password protection

Delivery includes

5m mains cable with CEE plug and 5m earth cable incl clamp.



Suggested configurations

Aristo® Mig 4004i Pulse with Aristo® Feed 3004 U6

Aristo® Mig 4004i Pulse	0465 152 881
Aristo® Feed 3004, U6	0460 526 886
Connection cable - m. 1,7	0459 528 780
PSF™ 405, L=3,0m, self-cooled	0458 401 882
4 wheels trolley	0462 151 880
Trolley bracket	0463 125 880
Autotransformer TUA1	0459 144 880

Aristo® Mig 4004i Pulse with Aristo® Feed 3004w U6

Aristo® Mig 4004i Pulse	0465 152 881
Aristo® Feed 3004w, U6	0460 526 896
COOL 1 cooling unit	0462 300 880
Connection cable - m. 1,7	0459 528 780
PSF™ 410w, L=3,0m, water cooled	0458 400 883
4 wheels trolley	0462 151 880
Autotransformer TUA1	0459 144 880

Aristo® Mig 4004i Pulse with Aristo® Feed 3004 U8₂ Plus

Aristo® Mig 4004i Pulse	0465 152 881
Aristo® Feed 3004	0460 526 881
Aristo® U8 ₂ Plus	0460 820 881
Connection cable - m. 1,7	0459 528 780
PSF™ 405, L=3,0m, self-cooled	0458 401 882
4 wheels trolley	0462 151 880
Trolley bracket	0463 125 880
Autotransformer TUA1	0459 144 880

Aristo® Mig 4004i Pulse with Aristo® Feed 3004w U8₂ Plus

Aristo® Mig 4004i Pulse	0465 152 881
Aristo® Feed 3004w	0460 526 891
COOL 1 cooling unit	0462 300 880
Aristo® U8 ₂ Plus	0460 820 881
Connection cable - m. 1,7	0459 528 780
PSF™ 410w, L=3,0m, water cooled	0458 400 882
4 wheels trolley	0462 151 880
Autotransformer TUA1	0459 144 880