WARRIOR™ 400i/500i CC/CV

Robust inverter welding packages

The reliable multi-process welding equipment designed for heavy duty productivity with up to 500 amps delivered.

XA001656ME

WARRIOR™ 400i/500i CC/CV power source

Features

- **Multi-Process** – including MIG, Flux-Cored, Stick, Live TIG and Arc Gouging gives you the flexibility at work:
  - Flux-Cored and Solid wire, 0.8 -1.6 mm.
  - Carbon Arc Gouging up to 9.5 mm (3/8 in.).
  - 6010 (cellulosic) capability.
- **High Duty cycle –** For long runs and various applications giving high productivity.
- **Durable and rugged** – IP23 rating for outdoor and indoor use in rough environment.
- **Easy to use** – Simple and clear user interface for everyone to get started quickly.
- **Robust and ergonomic handles** – Also for mechanical lifting.
- **Sun friendly display** – easy to read outdoor.
- **Inverter technology** – Smaller, lighter and less energy cost, gives you value for money.
- **Generator compatible** – For flexible use in different job sites.
- **Automatic Hot Start/Variable Arc Control** – To support your different demands.
- **Wide input voltage range** to support regional requirements.

Quality & Environment

- **IP23 rated** – Withstands rain with the fan on.
- **Air tunnel design** – Clean and dirty side in the machine to ensure long-term reliability.
- **Autofan** – Reduces energy consumption and dirt intake.

Applications

- **Fabrication**
- **Construction**
- **Pipe line**
- **Mobile Machinery**
- **Ship building**
- **Energy generation**
- **Repair & Maintenance**
- **Rental**

Main Controls

- **Power On/Off**
- **Digital Volt/Amp Meter**
- **VRD LED**
- **Over Temperature LED**
- **Output Voltage / Current Control**
- **Welding Process Selector**
- **Stick Mode Selector**
- **Inductance/Arc Force Control**
- **Wire feeder control connector**
- **Resettable Circuit Breaker**
- **Output Power Connectors**

WARRIOR™ Feed 304 and MobileFeed 300 AVS – wire feeders

WARRIOR™ Feed 304

The new user friendly and robust feeder.

- **Rugged design** – handle, connectors for tough use.
- **4 roll drive with tacho feedback** – for superior wire feeding.
- **Sun-friendly display** – easy to read outdoor.
- **Bobbin cover** – included standard feature for protection.
- **Voltage Pre-set** – support the setting of welding parameters.

MobileFeed 300 AVS

The rugged arc voltage feeder – Withstands tough environment.

- **Totally enclosed**, super impact-resistant case.
- **4 roll drive** – Gives you the feed ability and productivity for demanding in field work.

Options

Cooling unit
Cool 2

Trolley/Wheel kits
Trolley
Wheel kit power source
Wheel kit feeder

* For more options and ordering information, please see last page.

Technical data, WARRIOR™ Feed 304

Power supply, VAC	42
Wire spool capacity, kg	18
Max. spool diameter, mm	300
Wire feed speed, m/min	0.8-25.0
Dimension incl. bobbin cover : (l x w x h), mm	675x264x418
Weight incl. bobbin cover, kg	14.5
Wire dimensions:	
steel	0.6-1.6
stainless steel	0.6-1.6
aluminium	0.8-1.6
cored wire	0.9-1.6

Technical data, MobileFeed 300AVS

Power supply, VDC	16.5-100
Wire spool capacity, kg	18
Max. spool diameter, mm	300
Wire feed speed, m/min	1.3-20.3
Dimension (l x w x h), mm	526x217x437
Weight, kg	14.5
Wire dimensions:	
steel	0.8-1.6
stainless steel	0.8-1.6
cored wire	1.2-2.0
Temp. working range	-10/+40 C
Enclosure class	IP 23

Technical data, Water cooling unit

Power supply, from power source,	40V, 50/60Hz
Coolant flow capacity, l/min	1.8
Cooling power, kW	1.0
Max pressure, bar	4.5
Max pressure height to torch, m	8.5
Weight / incl. coolant, kg	15 / 19
Dimensions incl. filler tube lxwxh, mm	680x325x230

Ordering information, Power sources

WARRIOR™400i CC/CV, 380-460V	0465 350 882
WARRIOR™ 500i CC/CV, 380-460V	0465 350 880

Ordering information, Connection cables

Air cooled 70 mm²	
Connection cable 2m	0459 836 880
Connection cable 5m	0459 836 881
Connection cable 10m	0459 836 882
Connection cable 15m	0459 836 883
Connection cable 25m	0459 836 884
Connection cable 35m	0459 836 885
Water cooled 70 mm²	
Connection cable 2m	0459 836 890
Connection cable 5m	0459 836 891
Connection cable 10m	0459 836 892
Connection cable 15m	0459 836 893
Connection cable 25m	0459 836 894
Connection cable 35m	0459 836 895
Air cooled 95 mm²	
Connection cable 2m	0459 836 980
Water cooled 95 mm²	
Connection cable 2m	0459 836 990

Technical data WARRIOR™ 400i CC/CV 500i CC/CV

Mains Supply, 3 ph 50/60HZ, V	380-460, +/-10%	380-575, +/-10% 380-460, +/-10%
Mains cable, Ø mm²	4 x 6	4 x 6
Fuse, slow A,	25	32
Maximum load at:		
100% duty cycle A/V, 3ph	300/32	400/36
60% duty cycle A/V, 3ph	400/36	500/40
Setting range A		
MIG/MAG	16-400	16-500
MMA	5-400	5-500
TIG	5-400	5-500
Open circuit voltage, V	54	54
Idle Power, W	120	120
Efficiency at max. current %	88	88
Power factor at max current	0.92	0.92
Enclosure class	IP23	IP23
Dimensions lxwxh mm	712x325x470	712x325x470
with cooling unit lxwxh, mm	712x325x700	712x325x700
Weight, kg	52	52
with cooling unit excl coolant, kg	67	67
Operating Temperature, C	-10 - +40	-10 - +40
Application class	S	S

Ordering information, Feeder

WARRIOR™ Feed 304	0465 250 880
WARRIOR™ Feed 304w, water	0465 250 881
MobileFeed 300 AVS	0558 005 728

Ordering information, Options

Trolley	0465 510 880
Remote units	
AT1	0459 491 896
AT1 CoarseFine	0459 491 897
M1	0459 491 895
Remote outlet kit	0465 424 880
Remote cable - 5m	0459 552 880
Remote cable - 10m	0459 552 881
Remote cable - 25m	0459 552 883
Cool 2, water cooler	0465 427 880
Wheel Kit, power source	0465 416 880
Wheel kit, WARRIOR™ feeder	0458 707 880

Ordering information, Torches

PSF™ 405 L=3.0m self cooled	0458 401 882
PSF™ 405 L=4.5m self cooled	0458 401 883
PSF ™505 L=3.0m self cooled	0458 401 884
PSF™505 L=4.5m self cooled	0458 401 885
TXH™ 200V, 4m	0460 012 841
TXH™ 200V, 8m	0460 012 881
Welding Cable, complete, 5m, 70mmq	0700 006 894

These welding power sources comply with the requirements of EN 60974-1 and IEC 974-1 as well as IEC/EN 60974 -1/-2 and EN 60974-10

The symbol S indicates that the welding power source may be used in areas with an increased electrical hazard, i.e. areas where the electrical hazard is increased due to damp and/or the proximity to earthed metal objects.

2012-12-04/ ESAB reserves the right to alter specifications without prior notice