

CIGWELD

AN ESAB BRAND

WARRIOR™



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TECHNICAL DATA WARRIOR™ 400i CC/CV

Mains Supply, VAC, 3 ph 50/60Hz	380-400-415, +/-10%
Mains cable, Ø mm²	4 x 6
Fuse, Motor Start Type or Circuit Breaker Type C, A	20
Maximum load at:	
100% duty cycle A/V, 3ph	300/32
60% duty cycle A/V, 3ph	400/36
Setting range A	
MIG/FCAW	16-400
Stick (MMAW)	16-400
TIG	5-400
Open circuit voltage, V	56
Open circuit voltage (VRD ON), V	<35
Idle Power, W	120
Efficiency at max. current %	88
Power factor at max current	0.92
Enclosure class	IP23
Dimensions (l x w x h mm)	712 x 325 x 470
with cooling unit (l x w x h mm)	712 x 325 x 700
Weight, kg	52
With cooling unit excl coolant, kg	67
Operating Temperature, °C	-10 to +40
Application class	S

TECHNICAL DATA, WARRIOR™ FEED 304

Power supply, VAC	42
Wire spool capacity, kg	18
Max. spool diameter, mm	300
Wire feed speed, m/min	1.5 - 25.0
Dimension incl. bobbin cover (l x w x h mm)	675 x 264 x 418
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
Enclosure class	IP23

TECHNICAL DATA, COOL 2 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	4.6
Max pressure height to torch, m	8.5
Weight / incl. coolant, kg	15 / 19
Dimensions incl. filler tube l x w x h mm	680 x 325 x 230
Enclosure class	IP23

Cool 2 cooling unit is rated 500 A at 60% duty cycle at 25°C ambient temperature.



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ORDERING INFORMATION

WARRIOR™ 400i CC/CV, 380-415V	0465 350 886
Supplied with 3m mains cable	

Choose one of the following:	
WARRIOR™ Feed 304	0465 250 880
WARRIOR™ Feed 304w, water	0465 250 881

ORDERING INFORMATION, CONNECTION CABLES FOR WARRIOR FEED

Select required size and length:

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

ORDERING INFORMATION, TORCHES

Select required size and length:

PSF™ 405, 3m Mig Gun	0458 401 882
PSF™ 405, 4.5m Mig Gun	0458 401 883
PSF™ 505, 3m Mig Gun	0458 401 884
PSF™ 505, 4.5m Mig gun	0458 401 885
TXH™ 201V, OKC 4m Tig Torch	0700 300 553

ORDERING INFORMATION, OPTIONS

Trolley	0465 510 880
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Remote units	
M1 for MIG 8pin; requires cable & Wirefeeder outlet kit	0459 491 895
Remote outlet kit 23pin - Wirefeeder	0465 451 880
Remote cable - 5m; 8pin to 23pin suits M1 remote	0459 553 880
AT1 for MMAW/TIG 8pin; requires cable & power source outlet kit	0459 491 896
AT1 CoarseFine for MMAW/TIG 8pin; requires cable & power source outlet kit	0459 491 897
Remote outlet kit – power source	0465 424 880
Remote cable - 5m; 8pin to 12pin suits AT1 remote	0459 552 880
Remote cable - 10m; 8pin to 12pin suits AT1 remote	0459 552 881
Remote cable - 25m; 8pin to 12pin suits AT1 remote	0459 552 883

Cool 2, water cooler	0465 427 880
Wheel Kit, power source	0465 416 880
Wheel kit, WARRIOR™ feeder	0458 707 880

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

The symbol 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.

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WARRIOR™ 400i CC/CV

Robust inverter welding packages



MIG

STICK

TIG

GOUGING

WARRIOR™ 400i CC/CV POWER SOURCE

FEATURES	BENEFITS
Multi-Process	Includes MIG, Flux-Cored, Stick with Standard Compliant VRD, Live TIG Start and Arc Gouging gives you the flexibility at work: - Flux-Cored and Solid wire, 0.8 -1.6 mm. - Carbon Arc Gouging up to 8.0mm (5/16in.). 6010 (cellulose) 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	342V to 456V to accommodate variation in the power grid or generators.

QUALITY AND ENVIRONMENT	APPLICATIONS
IP23 rated - Withstands rain with the fan on.	- Fabrication - Construction - Pipe Line - Mobile Machinery - Outstanding Gouging Capability - Ship Building - Energy Generation - Repair & Maintenance - Rental
Air tunnel design - Clean and dirty side in the machine to ensure long-term reliability.	
Autofan - Reduces energy consumption and dirt intake.	
3 years warranty.	

WARRIOR™ FEED 304 - WIRE FEEDER AND OPTIONS

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.

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.

WARRIOR™ MAIN CONTROLS



WARRIOR™ 400i CC/CV



1. Power On/Off

2. Wire feeder control connector

3. Resettable Circuit Breaker

4. Output Power Connector (+)
5. Output Power Connector (-)

6. Over Temperature indicator

7. VRD indicator in Stick mode

8. Digital Volt/Amp Meter
9. Output Voltage / Current Control

10. Stick electrode type Selector

11. Inductance/Arc Force Control

12. Welding Process Selector