



# **WARRIOR™ 500i CC/CV**

**Robust inverter welding packages**



**MIG**

**STICK**

**TIG**

**GOUGING**

# WARRIOR™ 500i CC/CV POWER SOURCE



## FEATURES

## BENEFITS

Multi-Process

Includes MIG, Flux-Cored, Stick, 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 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

342V to 456V to accommodate variation in the power grid or generators.

## QUALITY AND ENVIRONMENT

## APPLICATIONS

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.

3 years warranty.

- Fabrication
- Construction
- Pipe Line
- Mobile Machinery
- Outstanding Gouging Capability
- Ship Building
- Energy Generation
- Repair & Maintenance
- Rental

# WARRIOR™ OPTIONS

## WARRIOR™ FEED 304



Part No.: 0465 250 881

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.

## ROBUST FEED PRO-OS



Part No.: 0445 800 883

The most durable and reliable combination for heavyduty MIG/MAG welding with Stick (MMA), TIG (GTAW), and gouging capabilities.

- Ergonomic, robust and enclosed design
- Equipped with a new precision wire drive system with enough power to handle up to 2.0 mm solid wire and 2.4 mm cored wire

## COOLING UNIT - COOL 2



Part No.: 0465 427 880 NOTE: Part No relates to cool unit ONLY

### Trolley/Wheel kits

Trolley  
Wheel kit power source  
Wheel kit feeder

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

## MOBILE FEED 301AVS



Part No.: 0558 102 222

Portable, durable wire feeder with the most advanced features to meet today's welding requirements.

- Quick-change, four-roll drive reduces downtime providing consistent feeding results; rolls are easily changed without the need for tools
- The sun-friendly display is easy to read outdoors and from a wide range of angles

# WARRIOR™ MAIN CONTROLS



WARRIOR™ 500i 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

## ORDERING INFORMATION

WARRIOR™ 500i CC/CV, 380-415V  
Supplied with 3m mains cable 0465 350 885

### Choose one of the following:

Robust Feed PRO- OS, Water Euro 0445 800 883  
WARRIOR™ Feed 304w, water 0465 250 881  
Mobile Feed AVS 0558 102 222

## WARRIOR™ 500i CC/CV PLANT WITH WARRIOR FEED 304 W1009660

### Warrior 500i Power Source

**Includes:** Warrior Feed 304w (fitted with 0.9/1.2mm V Groove feed rolls, interconnection cable 10m, work lead & clamp 5m, Tweco 4, 4.5m Euro MIG Torch, Argon Regulator, Gas Fitting 5/8"-18UNF, Trolley & operation Manual.

## WARRIOR™ 500i CC/CV PLANT WITH ROBUST FEED PRO-OS W1009760

### Warrior 500i Power Source

**Includes:** Robust Feed Pro,w (fitted with 0.9/1.2mm V Groove feed rolls, interconnection cable 10m, intercon strain relief, work lead & clamp 5m, Tweco 4, 4.5m Euro MIG Torch, Argon Regulator, Gas Fitting 5/8"-18UNF, Trolley & operation Manual.

## ORDERING INFORMATION, CONNECTION CABLES FOR WARRIOR FEED

### Select required size and length:

#### Air cooled 70 mm<sup>2</sup>

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 mm<sup>2</sup>

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

## TECHNICAL DATA WARRIOR™ 500i CC/CV

Mains Supply, VAC, 3 ph 50/60Hz	380-400-415, +/-10%
Mains cable, Ø mm <sup>2</sup>	4 x 6
Fuse, Motor Start Type or Circuit Breaker Type C, A	32
Maximum load at:	
100% duty cycle A/V, 3ph	400/36
60% duty cycle A/V, 3ph	500/40
Setting range A	
MIG/FCAW	16-500
Stick (MMAW)	16-500
TIG	5-500
Open circuit voltage, V	78
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



Tel: 1300 654 674  
Email: enquiries@cigweld.com.au  
CIGWELD.COM.AU | ESAB.COM

## ORDERING INFORMATION, TORCHES


### Select required size and length:

PSF 515, 3.0m Euro	0700 025 050
PSF 415, 3.0m Euro	0700 025 040
PSF 415, 4.0m Euro	0700 025 041
PSF 420w, 3.0m Euro	0700 025 060
PSF 420w, 4.0m Euro	0700 025 061
PSF 520w, 4.0m Euro	0700 025 071
Tweco 4, 3.6m Euro	OTWX412/3545
Tweco 4, 4.5m Euro	OTWX415/3545
Tweco Supra XT, 4.0m Euro	SE400X4M16

## ORDERING INFORMATION, OPTIONS

Trolley	0465 510 880
<b>Remote units</b>	
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 EN 60974-1 and IEC 974-1 as well as IEC/EN 60974 -1/-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.

## 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, 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	4.6
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

