

### TECHNICAL DATA WARRIOR™ 500i CC/CV

|   |                     |
|---|---------------------|
| Mains Supply, 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 | 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                   |

### 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            |

### ORDERING INFORMATION

|                                     |              |
|-------------------------------------|--------------|
| WARRIOR™ 500i CC/CV, 380-415V       | 0465 350 885 |
| Supplied with 3m mains cable        |              |
| <b>Choose one of the following:</b> |              |
| 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:

|                            |              |
|----------------------------|--------------|
| <b>Air cooled 70 mm²</b>   |              |
| 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 |
| <b>Water cooled 70 mm²</b> |              |
| 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 |
| <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 **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.

# WARRIOR™ 500i CC/CV

## Robust inverter welding packages



**MIG**

**STICK**

**TIG**

**GOUGING**



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## 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: <ul style="list-style-type: none"> <li>• Flux-Cored and Solid wire, 0.8 -1.6 mm.</li> <li>• Carbon Arc Gouging up to 9.5 mm (3/8 in.).</li> <li>• 6010 (cellulosic) capability.</li> </ul> |
| 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.  | <ul style="list-style-type: none"> <li>• Fabrication</li> <li>• Construction</li> <li>• Pipe Line</li> <li>• Mobile Machinery</li> <li>• Outstanding Gouging Capability</li> <li>• Ship Building</li> <li>• Energy Generation</li> <li>• Repair &amp; Maintenance</li> <li>• Rental</li> </ul> |
| 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™ 500i CC/CV



- |                                  |                                |                                     |
|----------------------------------|--------------------------------|-------------------------------------|
| 1. Power On/Off                  | 5. Output Power Connector (-)  | 9. Output Voltage / Current Control |
| 2. Wire feeder control connector | 6. Over Temperature indicator  | 10. Stick electrode type Selector   |
| 3. Resettable Circuit Breaker    | 7. VRD indicator in Stick mode | 11. Inductance/Arc Force Control    |
| 4. Output Power Connector (+)    | 8. Digital Volt/Amp Meter      | 12. Welding Process Selector        |