



PRODUCT HIGHLIGHTS

- Adjustment arc force
- On wheel, fan cooled
- Three phase thyristor DC welder
- Thermal protection
- Digital display
- Power indicator
- Stepless current setting
- Remote control
- Available for gouging when amp more than 500amp
- Suitable for rutile, basic and cellulosic electrode

TECHNICAL DATA

| | |
|--------------------------------------|--|
| Model | ToughWeld 315E / 400E / 500E / 630E |
| Input power (V) | 380 Customise Voltage available |
| Rated input current (A) | 38 / 52 / 65 / 85 |
| Rated input capacity (KVA) | 25 / 34 / 42 / 56 |
| Output open circuit voltage (V) | 68 / 70 / 72 / 75 |
| Welding current adjustment range (A) | 40-315 / 50-400 / 60-500 / 120-630 |
| Rated output (A) | 60% @ 315 / 400 / 500 / 630 |
| Weight (Kg) | 180 / 195 / 200 / 235 |
| Electrode diameter (mm) | 1.6-4.0 / 2.5-5.0 / 2.5-6.0 / 3.2-8.0 |
| Packing dimensions: L*W*H (mm/in.) | 1010X700X830 |



NOTES

| | |
|-----------|---------------------------------|
| U1 | Power supply |
| I1 | Input current |
| P1 | Input power |
| U0 | No load voltage |
| I2 | Output current range |
| X at Imax | The duty cycle at rated current |
| Rod dia | Electrode diameter |
| Packing | Packing dimension |

MANUFACTURED UNDER
ISO 9001
 CERTIFIED QUALITY
 ASSURANCE SYSTEM

Lion International U.K (M.E.) Limited
 Monomark House, 27 Old Gloucester Street, London WC1N 3XX, United Kingdom.
 T: +44 20 74198760 F: +44 20 78319489 E: info@lionintweld.co.uk

Lion International Middle East FZC
 P.O. Box 41654, W/H No. 1K-01/4, Hamriyah Free Zone, Sharjah, UAE.
 T: +971 6 5260461 F: +971 6 5260561 E: info.me@lionintweld.co.uk