



PRODUCT HIGHLIGHTS

- Three phase, rectifier plasma cutting, on wheels, fan-cooled for power source
- For trident40 and 60, air-cooling torch is used; for trident 160 and 200, water-cooling torch is used; for trident 120, both of the torch are available.
- The water tank is needed if using water-cooling torch
- Smooth DC, HF arc piloting, narrow and smooth cutting seam
- Ideal equipment to cut all kinds of conductive material in industry use

NOTES

U1	Power supply
I1	Input current
P1	Input power
U0	No load voltage
I2	Output current range
X at I _{max}	The duty cycle at rated current
Max cut thick	Max cutting thickness for carbon steel, not quality cutting
Packing	Packing Dimension

TECHNICAL DATA

Model	Trident 40	Trident 60	Trident 100	Trident 120	Trident 160	Trident 200
Input power (V)	400	400	400	400	400	400
Rated input current (A)	14	22.8	38	55	70.5	103
Rated input capacity (KVA)	9.8	15.8	26.3	38.2	48.8	71.4
Output open circuit voltage (V)	220	230	280	305	330	340
Welding current adjustment range (A)	40	60	70/100	85/120	95/160	120/200
Rated output (A)	60% at 40	60% at 60	60% at 100	60% at 120	60% at 160	60% at 200
Max cut thick (mm)	12	22	32	42	55	65
Weight (Kg)	74	92	132	216	242	265
Packing dimensions: L*W*H (mm)	680X590X713	680X590X763	680X590X763	904x588x958	904x588x958	904x588x958

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