

AIR PLASMA CUTTING MACHINE

MAIN FEATURES

- ✓ Inverter technology
- ✓ High efficiency and energy saving
- ✓ Cutting current can be adjusted continuously
- ✓ Post gas function
- ✓ Suitable for large CNC cutting machine
- ✓ Neat incision, smooth without polishing
- ✓ High successful rate of arc ignition, performance stable



TECHNICAL SPECIFICATIONS

PARAMETER	TDL 600	TDL 1000/1000H	TDL 1200/1200H
Rated input voltage	Three-phase AC 380V±15% 50/60Hz	Three-phase AC 380V±15% 50/60Hz	Three-phase AC 380V±15% 50/60Hz
Rated input current (A)	9.8A	22.4A	29.4A
Rated input power (kW)	6.5	13.8	17.7
Rated output capacity (X=60%)	60A/104V	100A/120V	120A/128V
Rated no-load voltage (V)	307±5%	307±5%	307±5%
Energy efficiency grade	Grade 2	Grade 2	Grade 2
Power factor (COSφ)	0.89	0.9	0.91
Efficiency (η)	90%	90%	90%
Rated duty cycle (40°C)	60%	60% / 100%	60% / 100%
Insulation grade	F	F	F
Case protection class	IP23S	IP23S	IP23S
Output current (A)	20~60	30~100	30~120
Arc striking current (A)	Non high frequency	Non high frequency	Non high frequency
Maximum cutting through thickness (mm)	35	45	50
Quality cutting (mm) (Carbon steel)	20	30	35
Quality cutting (mm) (Stainless steel)	15	25	30
Piercing cutting thickness (mm)	10	15	20
Dimension (L×W×G) (mm)	592×290×503	650×326×567	650×326×567
Net weight (kg)	33	46	46



FOR MORE INFORMATION
www.weldcutme.com



PHONE:
+971 527878270



EMAIL:
info@weldcutme.com