

PLASMA CUTTING SERIES



CUT 160



CUT 120

FEATURES :

1. Digital Display – Shows cutting current (Amps).
2. Red Control Knob – Adjusts cutting current or parameters.
3. 2T / 4T Mode – Choose between hold-to-cut (2T) or toggle start/stop (4T).
4. Post Flow Time – Controls cooling air duration after cutting stops.
5. Air Test / Gas Check – Tests air/gas flow without activating arc.
6. Cut / Gouge Mode – Switch between normal cutting and gouging.
7. Indicators– Power ON, Overcurrent (OC), Air/Torch fault, and Output active.
8. GROUND Connector – For work clamp connection.
9. ARC (Pilot Arc) Connector – Enables pilot arc starting.
10. CONTROL & GAS/AIR Outputs – Trigger control input and torch air supply connection.

TECHNICAL PARAMETERS

Product Type	CUT 80	CUT 100	CUT 120	CUT 160
Input power supply	3PH 415v ±15%	3PH 415v ±15%	3PH 415v ±15%	3PH 415v ±15%
Rated input capacity	12VA	15KVA	25.7KVA	29KVA
Rated Duty Cycle	60%	60%	60%	60%
Cutting current adjustment range	21-80A	21-100A	21-120A	21-160A
No-load output voltage	320V	320V	320V	320V
Rated load voltage	110V	120V	129V	140V
Efficiency	95%	95%	95%	95%
Cutting torch using air pressure	0.45	0.45	0.45	0.45
Maximum cutting thickness	20	35	40	55
Cutting gas flow	250	250	250	300
Shell protecting Grade	IP21S	IP21S	IP21S	IP21S
Dimension	530X260X470mm	576X297X557mm	576X297X557mm	576X297X557mm
Weight	21.5kg	43kg	43.5kg	45kg



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