

AIR PLASMA Cutting Machine

エアープラズマ切断機

TwinArc®

Inverter
I.G.B.T.



● Powerful

Its extremely high duty cycle to sustain heavy industrial workloads.

● Optimum Cutting Quality

The main circuit control has been equipped with an electronic circuit on the secondary circuit to provide precise & stable plasma arc.

Therefore quality cut is obtained.

● HF-Ignition

Reliable HF-ignition with contact cut or non-contact cut are possible.

● Economy

Maximum economy through high cutting speeds is possible.

Universally applicable for steel, stainless steel, aluminium, copper and its alloys.

● Longer Life-Span On Consumables

Pilot arc is automatically switched-off during cutting process thus increase life-span on consumables.

● Inverter (I.G.B.T) Power Source

High efficiency and power factor design for lower cost of operation and power requirement.

● Dinse Plug Connection

Standard quick disconnect dinse plug.

● Post-Flow

Post-flow cooling extends consumable parts life.

● Piercing

Higher piercing capacity, thanks to its unique system.

Technical Specifications:

Model	P60i	P100i	P120i
Input Voltage	3 phase 415V ± 10% 50Hz		
Input Power (KVA)	7.0	13.7	25.7
Input Current (A)	10.7	20.5	39
Output Current (A)	30-60	30-100	30-120
No-load Voltage (V)	385	385	400
Loaded Voltage (V)	104	120	128
Duty Cycle	60%		
Feed Gas Pressure (MPa)	0.45		
Gas Flow Speed (L/min)	250		
Max Thickness for Cutting Mild Steel (mm)	15	30	35
Optimum Thickness for Cutting Mild Steel (mm)	1-10	1-25	1-30
Weight (kg)	29	43	44
Dimension (mm ³)	501 x 232 x 495	576 x 297 x 557	576 x 297 x 557

