



PLASMADYNE  200HD

## PARAMETERS

# AIR PLASMA CUTTING MACHINE



## Main Features

With plasma torch consumables life monitoring function.

With gas pressure and coolant liquid flow displaying, detecting, warning and controlling.

The gas pre-flow, post-flow and current up-slow time can be set separately.

Fault code displaying function.

Intelligent fan is used to reduce the dust.

Suit manual and automated cut for carbon steel, alloy steel and nonferrous steel.

Parameters	120HD	200HD	300HD	400HD
Rated input voltage	3 ~ 380/415V 50/60Hz	3 ~ 380/415V 50/60Hz	3 ~ 380/415V 50/60Hz	3 ~ 380/415V 50/60Hz
Rated input capacity	21.23kVA	46.5kVA	70.42kVA	92.34kVA
Rated output current	120A	200A	300A	400A
Rated output voltage	128V	160V	200V	200V
Rated duty cycle	100%	100%	100%	100%
Open circuit voltage	308VDC	319VDC	370VDC	370VDC
Current adjust range	30 ~ 120A	30 ~ 120A	60 ~ 300A	60 ~ 400A
Quality Cutting Thickness (Carbon steel, manual cutting)	0.3 ~ 25mm	1 ~ 45mm	1 ~ 50mm	1 ~ 60mm
Max. Cutting Thickness (Carbon steel, manual cutting)	45mm	65mm	80mm	90mm
Plasma gas	Compressed Air	Compressed Air	Compressed Air	Compressed Air
The working plasma gas pressure	0.3 ~ 0.6MPa	0.4 ~ 0.6MPa	0.4 ~ 0.6MPa	0.4 ~ 0.6MPa
Torch cooling mode	Air Cooling	Water Cooling IP21S	Water Cooling IP21S	Water Cooling IP21S
Arc striking mode	HF	HF	HF	HF
Insulation grade	F	F	F	F
Protection grade	IP21S	IP21S	IP21S	IP21S
Dimension mm(L×W×H)	675×320×605	863×385×800	985×445×910	1015×445×910
NET WEIGHT	46kg	86 kg	129 kg	148 kg