DAMA

DMP series
CNC Plasma Cutting Machine

ISO9001:2000

DAMA

DAMA   DMP-1860D

FEATURES :

1. High rigid gantry design, provide a reliable, high-performance plasma cutting system.
2. Dual AC servo motor, synchronized control for longitudinal drive, provide high accuracy all over the cutting table.
3. Direct rack and pinion drives in both axes for accurate & repeatable high speed motion.
4. Longitudinal and transverse energy feed drag-chains, hose/cable clean and move smooth.
5. Plasma torch arc-voltage (AVC) height sensing system, with servo motor and ball screw for torch height control, with collision protection device, with rapid initial height sensing and automatic centering.
6. Choice of cutting table, water type or fume-extraction type.
7. Choice of plasma power supply, precision plasma or other kinds.
8. Powerful & ease to use Windows-XP PC based CNC.
9. LCD touch screen and full color high-resolution graphic display.
10. 50 preprogram and choice of CAD/CAM to suit all applications.
11. Multiple input for parts program loading, 1.25 inch floppy disk, USB and RS-232/RS-422 interface.
12. Can direct read CAD'S DXF file or DWG file to do cut.

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Specifications :

MODEL	DMP-1530D	DMP-1560D	DMP-1860D	DMP-2560D
Effective cutting width	1574 mm	1574 mm	1878 mm	2550 mm
Effective cutting length	3100 mm	6100 mm	6100 mm	6100 mm
Machine space	3026 x 5050 mm	3026 x 8100 mm	3330 x 8100 mm	4000 x 8100 mm
Longitudinal drive	Dual AC Servo Motor／Rack／Rail			
Transverse drive	AC Servo Motor／Rack／linear guide			
Cutting Speed	1~6000 mm/min			
Positioning Speed	15000 mm/min			
Plasma torch height sensing control	Arc Voltage height control			
Cutting Capacity	depend on plasma			
Plasma gas	depend on plasma			
Power supply (CNC use)	3 phase, 220 V, 60 Hz, 5 KVA			
Power supply (Plasma use)	depend on plasma			

PC Based NC controller : BURNY 10 plus SHAPE-CUTTING CONTROL
- Industrial Grade LCD 15" Touch Screen and Windows XP-based operation system.
- With Cycle Start、Cycle Stop、Go To、Reverse Industrial Grade Membrane panel controls.
- 256 MB SRAM、30 GB hard drive、1.44 MB floppy drive and USB interface.
- 50 pre-programmed commonly used standard shapes.
- Accepts either ESSI or EIA RS274-D programming formats.

Plasma	HYPERTHERM	HD-3070 precision plasma (100 A).
		HD-4070 precision plasma (200 A).
		Powermax 1250 plasma (80 A), Powermax 1650 plasma (100 A).
	DAIHEN	OTC D12000 Air plasma (120 A).
	INNERLOGIC	FineLine 100PC precision plasma (100 A).
		FineLine 200PC precision plasma (200 A).

- **This information is subject to change without prior notice.**