



Features

1. With interactive command and color display, easy learn and easy operation.
2. With linear, matrix and flange drill pattern. It would not need the G, M code program.
3. With simulation function, it also can indicate which hole will be drilling by move coarser.
4. It is possible to read the DXF file and display the hole pattern as well as outward of plate on screen.
5. DAMA'S drill machine is a strong gantry structure, it needs space save 1/2.
6. DAMA'S drill machine is a compact design. The gantry machine, CNC controller, hydraulic power system those were integrated.
7. With keep tight equipment to insure machine stable while machine is drilling.
8. The alignment and hydraulic fixture of plate which are two in one designed, the plate load, unload, clamp quickly and convenience.
9. The machine with four work area on the table, while one side of table is working another side of table allow user to load or unload plate. Thus, the machine there is no idle time and twice the amount of drilling.
10. With avoid spraying designed to save cooling water and keep the environment clean.
11. The spindle unit with automatic initial high for drilling:
The spindle unit is provided with a sensitive self-controlled speed change function for rapid reach to plate then change to preset speed for drills. The user does not need consider the tool length and set automatic broken chip during drilling to enhance efficiency.
12. The spindle rpm control by inverter and the number of rpm is displayed on LCD. The user change rpm by knob adjusted.
13. Program hold can be active in any time while the tool dull, after replace tool, easy return and restart.
14. With center drilling function, providing user easy check the hope pitch of plate.
15. The machine is provided with Auto-Off function. This function suit a large plate and there is a lot of hole to be drilled on night work.
16. It is also option the chip conveys, for chip collect and clean.

SPECIFICATIONS

Model	DMD-1020	
Plate thickness	100 mm	
Diameter	ø16 ~ ø50	
Number of spindle	1	
Gear ratio	1:8	
Spindle rpm	160 ~ 330 rpm	
Spindle motor	5 HP	
Inverter	5 HP	
Hydraulic unit	2 HP	
X,Y servo motor	AC servo	
Work area	Plate dimension	L x W mm
One area 		1000 x 2000
Two area 		1000 x 950
Four area 		450 x 950
X,Y positioning speed	8000 mm/min	
Hydraulic fixture	8 sets	
Alignment	4 sets	
Power supply	3ø, 220V, 10HP	
Machine weight	4.5 T	
Dimension (L x W x H)	3470 x 3400 x 2750 mm	
Chip conveyors	standard	

This information is subject to change without prior notice.

