

SUPER DRILL

Joemars Brand Super Drill EDM เครื่องเจาะรูด้วยไฟฟ้า สามารถเจาะรูเล็กสุด
ขนาดเส้นผ่าศูนย์กลาง 0.1 มม. โทสุด 0.3 มม. ใช้ท่ออิเล็กโตรดทองเหลือง ทองแดง
และทองแดงทั้งสแตนเลสเจาะวัสดุงานเหล็ก ทองแดง อลูมิเนียม ทั้งสแตนคาร์ไบด์

JOEMARS
SUPER DRILL EDM

DRILL HOLES JUST IN SECONDS !!

**SUPER DRILL EDM
JM325D, JM528D**

JOEMARS JMS2D & JMS3D SUPER DRILL EDM are specially designed for drilling hard materials, such as hardened steel or alloy, tungsten carbide in range of 0.25mm - 0.3mm.

ADVANCED TECHNOLOGY FROM JOEMARS, ALWAYS TOUGHED FORMS.
A newly developed opening circuit **SPARK TO SUPER DRILL EDM** to enhance machining speed, excellent burning, lower wear & higher accuracy.

JM325D
JM528D

**JM325D, JM528D
FASTER, HIGHER PRECISION**

A WIDE RANGE OF APPLICATIONS

- Pre-drill drilling of tungsten for wire mesh
- Machining of contact tubes
- Deep hole drilling in tubes
- Drilling tungsten tubes in copper substrates
- Blind hole drilling
- Machining tubes on inclined faces or at different positions

Machine specifications

ITEM	JM325D	JM528D
Drill size range	0.1mm-0.3mm	0.1mm-0.3mm
1. Max. stroke	600mm	600mm
2. Max. worktable	300mm	300mm
3. Max. workpiece	100mm	100mm
4. Max. workpiece weight	100kg	100kg
5. Max. workpiece length	1000mm	1000mm
6. Max. workpiece diameter	100mm	100mm
7. Max. workpiece thickness	100mm	100mm
8. Max. workpiece weight	100kg	100kg
9. Max. workpiece length	1000mm	1000mm
10. Max. workpiece diameter	100mm	100mm
11. Max. workpiece thickness	100mm	100mm

Generator

ITEM	GEN325D	GEN528D
Power source output	1.5kW/20A	2.5kW/30A
Power source input	3.0kW/20A	5.0kW/30A
Power source voltage	220V/50Hz	220V/50Hz
Power source current	20A/50Hz	30A/50Hz
Power source frequency	50Hz	50Hz
Power source phase	1 phase	1 phase
Power source control	remote ON/OFF	remote ON/OFF

THE BEST LEA

> "FUZZY" control system
Most admirable man machine interface. Easy to learn, easy to operate.

> A new starter can do a good job only in 5 minutes.

> No more headache for learning.

JM325D
JM528D

FEATURES

- 1. 100 sets machining conditions memory. Can store 100 sets with machining conditions, cutting speed, and spindle speed.
- 2. 4-axis machining parameters include peak current, capacitor on time, off time, switching gap, and pulse duration.
- 3. Function of choosing "Fuzzy" machining condition through its Memory function.
- 4. 3D Backlash detector. 3D Electronic switch. To choose the best machining condition.
- 5. Includes 1-axis DRO system. X, Y, Z axis can be used. 2-axis and 3-axis.
- 6. Five kinds of alarm indicators will be ignored when alarm occurs, using low electronic level, for safety, and a point of electronic and software.
- 7. And holding system for electrical.
- 8. Electronic and automatic system when starting drill. Through DRO system to set home point, electronic level, and machining depth. The bottom of electrode will automatically return to home point when starting drill.
- 9. Using "MCPST" opening circuit, suitable for tungsten carbide, hard alloys, hard steels, and powder metallurgy.
- 10. Electronic range from 0.1 to 0.3mm. Apply to starting, reference, and current automatic machining.
- 11. Electronic range from 0.1 to 0.3mm. Apply to starting, reference, and current automatic machining.
- 12. Special high pressure pump design. Water comes out quickly and with pressure. Relieving control system in order to reverse water without any stopping.
- 13. Machining parameters will be modified independently with "teaching" without affecting the stored parameters.
- 14. Multiple holes machining.
- 15. Custom holes machining.

**JM325DZ, JM528DZ
DRILL IN THE FUTURE!**

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NO.1 PERFORMANCE! YOUR BEST PARTNER!

DNC645T-DN38

All supported design to provide the high accuracy and stability of glass plate.

Half-suspended work table for ultra-thin design.

Mechanical body, wiring tank and power supply system (generator) are all separated.

Mechanical Features of DNC645T:

1. Mechanical design steel work table and all suspension design to provide the high accuracy and stability of work piece.
2. Floating parts are all treated and polished to ensure high rigidity and self-centering function.
3. High precision lead screw spindle on each axis. X,Y axis with big diameter pre-pressing system and with guide way.
4. High flow rate water pump, ensure water supply flow to work table.
5. Half-suspended work table for ultra-thin design.
6. Hydraulic steel work table and work table, for high-precision work and will prevent their function to ensure the working performance and accuracy.
7. Heavy electrical and heat change system (HTC) system required.
8. Mechanical body, wiring tank and power supply system (generator) are all separated to avoid water with harmful influence the machine performance. Also can increase machine life time with better safety as required.
9. All supported HTC system to bring high accuracy when machining.
10. Strong mechanical 8-axis tank, ensure water to clean and keep the environment.
11. High pressure pump with pressure control valve, to bring high stability.

DNC645T+DN38

Features of DNC38:

- 1. Control 1000 programs.
- 2. Memory on CD and display and program saving.
- 3. Machine Control Panel (MCP) and software.
- 4. Warning Error display.
- 5. Three manual modes: continuous, handwheel, and manual pulse generator.
- 6. Auto stop function, auto stop, auto stop, auto stop.
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Standard accessories

- 1. Machine
- 2. Generator
- 3. Power supply
- 4. Water pump
- 5. Water tank
- 6. Water filter
- 7. Water hose
- 8. Water pipe
- 9. Water valve
- 10. Water switch
- 11. Water meter
- 12. Water gauge
- 13. Water pressure
- 14. Water flow
- 15. Water level

Optional accessories

- 1. Water pump
- 2. Water tank
- 3. Water filter
- 4. Water hose
- 5. Water pipe
- 6. Water valve
- 7. Water switch
- 8. Water meter
- 9. Water gauge
- 10. Water pressure
- 11. Water flow
- 12. Water level
- 13. Water level
- 14. Water level
- 15. Water level

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