

60RPM EDM Small Hole Cutting Machine DD703 Series

Basic Information

- Place of Origin: China
- Brand Name: Luyoung
- Certification: CE
- Model Number: DD703
- Minimum Order Quantity: 1
- Price: USD3000-USD20000
- Packaging Details: non-fumigation wooden box
- Delivery Time: 45 working days
- Payment Terms: L/C, T/T
- Supply Ability: 100sets



Product Specification

- Spindle Head Speed: 60rpm
- Clamping Motor Diameter: $\phi 0.3-\phi 3$
- Working Fluid Tank Volume: 25L
- Highlight: 60RPM EDM Small Hole Cutting Machine, Small Hole EDM Cutting Machine, 60RPM EDM Cutting Machine

Product Description

EDM small hole machine DD703 series

Model	Unit	DD703	DD703.30	DD703.32	DD703.40
working desk size	mm	260×380	260×380	360×610	460×690
X,Y axis travel	mm	200×300	300×400	320×400	400×500
Spindle servo stroke	mm	280	300	300	300
Spindle head stroke	mm	200	200	200	200
Spindle head speed	rpm	60	60	60	60
Clamping Motor Diameter	mm	φ0.3-φ3	φ0.3-φ3	φ0.3-φ3	φ0.3-φ3
Thermamum dsterce between the gide andthetabe	mm	240	300	300	300
Working fluid tank volume	L	25	25	25	25
Working fluid filtration method		Shallow Gap	Shallow Gap	Shallow Gap	Shallow Gap
Working fluid medium		tap water	tap water	tap water	tap water
maximum working pressure	Mpa	7	7	7	7
Power supply		3N-380V/50Hz	3N-380V/50Hz	3N-380V/50Hz	3N-380V/50Hz
Maximum machining current	A	30	30	30	30
input maximum power	kW	3	3	3	3
Host weight	kg	600	650	800	1000
Mainframe Dimensions	mm	1060×750×1700	1060×750×1760	1550×1170×1800	1800×1380×1800



Here are the characteristics of an EDM (Electrical Discharge Machining) hole drilling machine translated into English:

Characteristics of EDM Hole Drilling Machine

Wide Range of Materials: Suitable for processing stainless steel, hardened steel, hard alloys, copper, aluminum, and other conductive materials, without being limited by material hardness.

Hole Diameter Range: Generally between φ0.3mm and φ3mm, with a high aspect ratio of up to 200:1 or even 300:1.

Processing Speed: Can reach 20-60 mm per minute.

Technological Advantages: Uses pulse discharge technology with high energy density, minimizing heat transfer and reducing thermal effects on the material.

Non-Contact Processing: The electrode does not come into direct contact with the workpiece during processing, reducing mechanical stress and making it suitable for complex shapes and small holes.

Flexible Electrode Material Selection: Tool electrode materials can be steel, cast iron, copper, etc.

High Precision: Capable of producing very small holes with high inner surface finish.

High Automation Level: Features automatic electrode dressing, adjustable processing voltage, and other functionalities.



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