

# DK-908 Tabletop EDM Drilling Machine



## Product Features

★This machine uses the thin metal copper tube (called electrode wire) moving up and down vertically to erode metal by spark discharge.

★The spindle lifting is controlled by stepper motor to achieve efficient and stable processing.

★The spindle lifting and secondary lifting adopt linear guide, which can better ensure the processing accuracy.

★It can process various conductive materials such as stainless steel, hardened steel, hard alloy, copper and aluminum ,etc.

φ 0.3 ~ 3.0mm Drilling

Depth and Dia. Ratio 300:1

Positioning Accurately



Dielectric:  
Tap Water



Stable and  
Reliable



Accurate and  
Efficient



Spark Erosion  
Principle



Processing Case of  
EDM Drilling Machine

<http://www.brokentapremover.com/videocase>



# Appearance Design



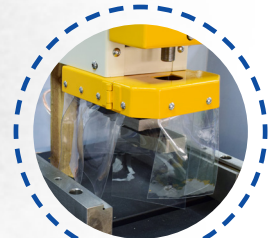
Pressure Gauge



Operation Interface



Water Bucket



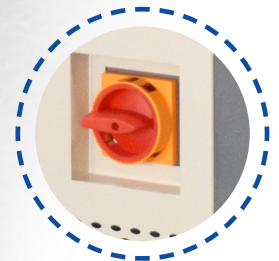
Water Blocking Curtain



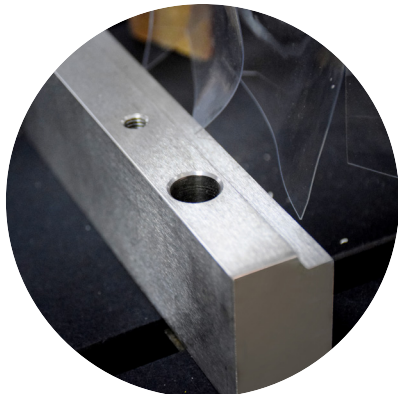
Tool Box



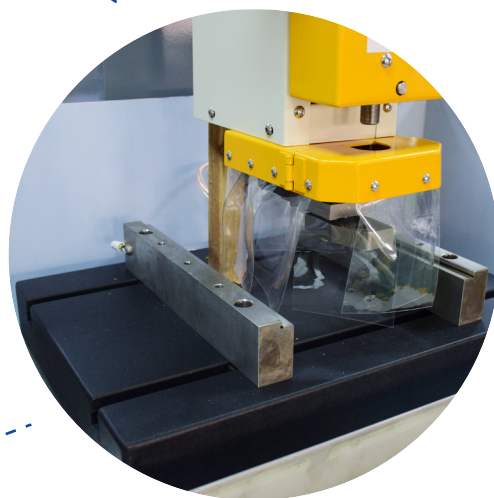
Switch On-Off



# Excellent Material



**01.** The parts that contact the water, such as the guide block and the balance board, are made of 304 stainless steel, which has a long service life and is resistant to rust.



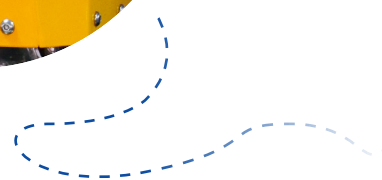
**02.** Pure natural marble platform, high hardness, not easy to break and good flatness; Guarantee good processing accuracy.



**03.** Taiwan famous brand linear guide, high precision and durable in use;



**04.** The rotating head is sealed with tungsten steel, durable and less leaky.





# Details In Place

Each mounting surface is machined by Japanese high precision grinding machine to ensure the accuracy.

01

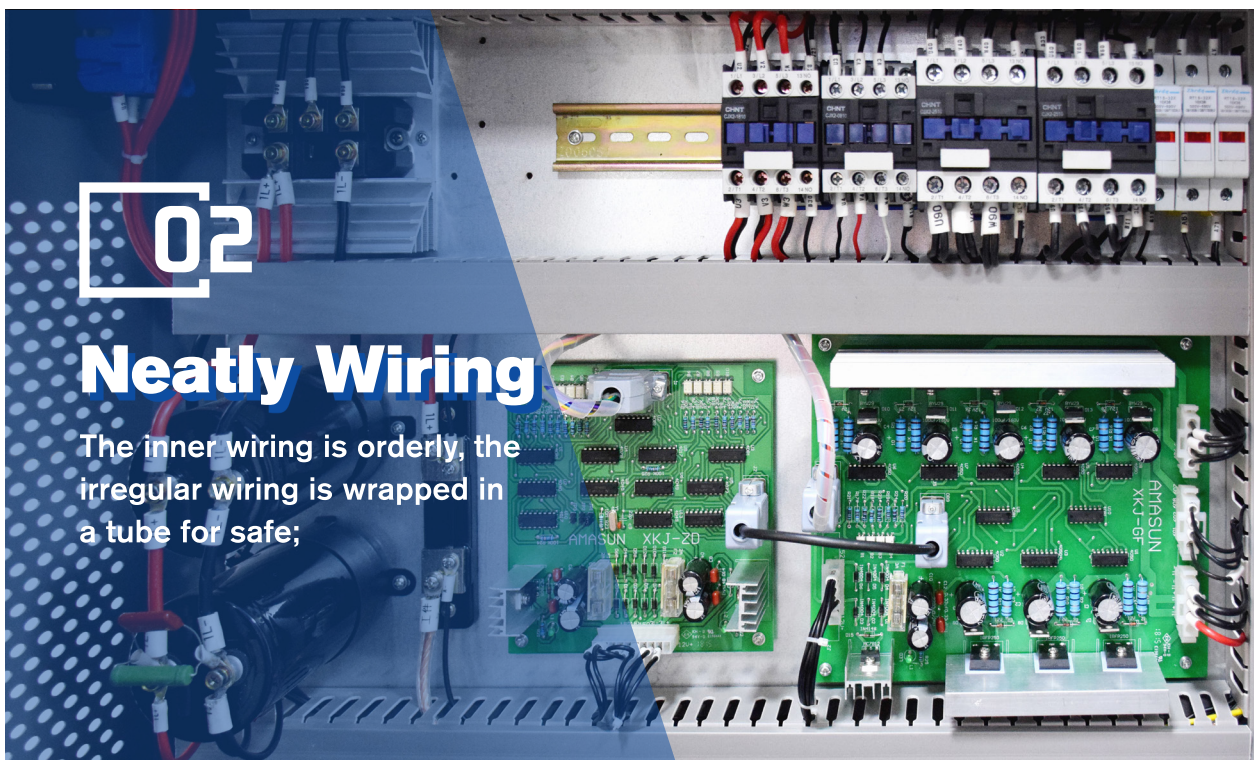
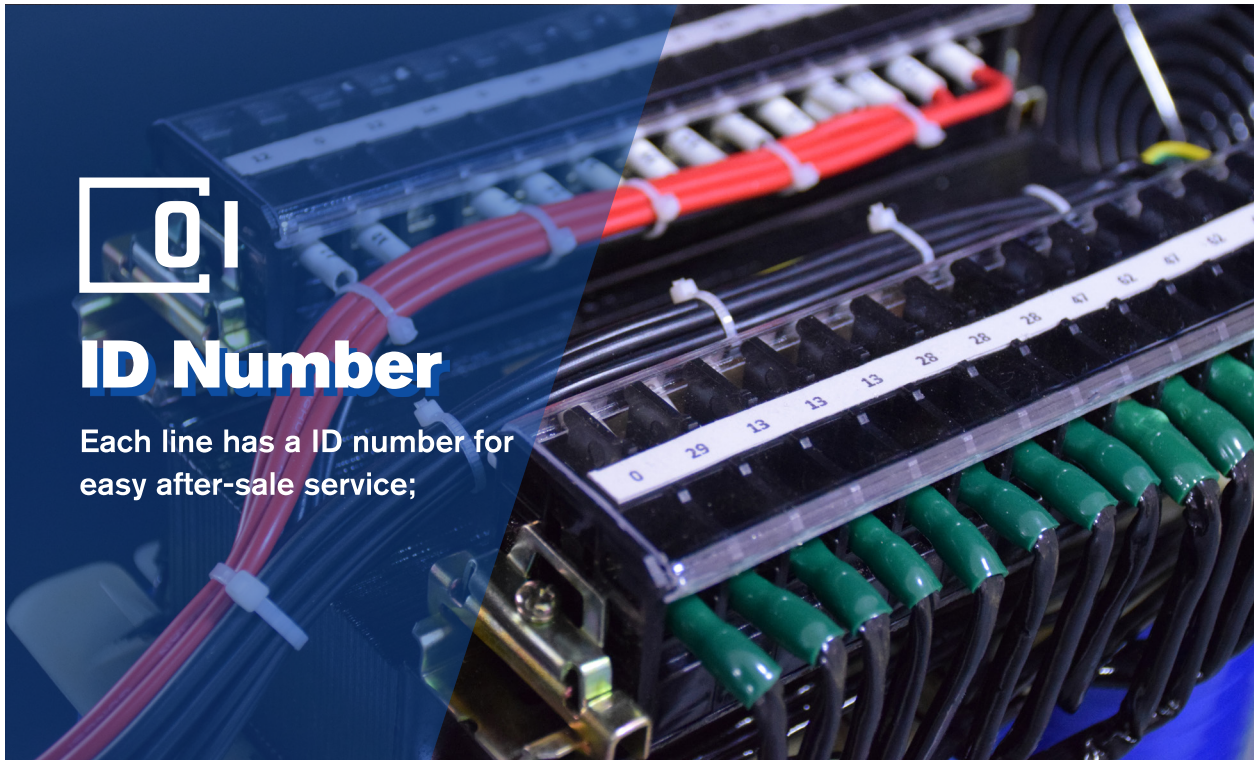
## ID Number

Each line has a ID number for easy after-sale service;

02

## Neatly Wiring

The inner wiring is orderly, the irregular wiring is wrapped in a tube for safe;





# Product Specification/Parameter

## Technical Parameter

Item	Unit	Parameter
Electrode Diameter Range	mm	Φ0.3 ~ Φ3.0
Spindle (Z–Axis) Maximum Feeding Speed	mm/min	750
Rotary Head (C Axis) Speed	r/pm	0 ~ 500 Adjustable
Maximum Input Power	KVA	3.3
Input Voltage	V/HZ	3 Phase–AC380V,50Hz
Maximum Machining Current	A	30
Machine Head (W Axis) Secondary Lifting Form		Manual
Digital Display		TWO AXIS
Working Fluid Supply Device		Electric Piston Pump
Maximum Working Fluid Pressure	Mpa	7

## Machine Specification

Item	Unit	Parameter
Machine Dimensions (Length * Width * Height)	mm	1000*1000*1900
Weight	KG	800
Workbench Dimension	mm	440*320
Minimum Reading Unit	mm	0.005
Workbench Left & Right Moving Distance (Y Axis)	mm	400
Workbench Back & Forth Moving Distance (X Axis)	mm	300
Maximum Loading Weight	KG	300
Head Stroke	mm	280
Spindle (Z–Axis) Servo Stroke	mm	380
Maximum Distance Between Guide And Workbench	mm	320

# Measured Data

## Measured Data Statistics of DK-908 EDM Drilling Machine

Material	Electrode Size	Depth(mm)	Time
304 Stainless Steel	Φ0.3mm Single Pore Electrode	15	35"
	Φ0.4mm Single Pore Electrode	15	1'05"
	Φ0.5mm Single Pore Electrode	15	45"
	Φ1mm Single Pore Electrode	15	30"
	Φ1.5mm Single Pore Electrode	40	3'45"
	Φ2mm Single Pore Electrode	40	3'10"
	Φ3mm Single Pore Electrode	40	5'28"
42CrMo Hardened Steel Hardness HRC50-55	Φ0.3mm Single Pore Electrode	30	3'27"
	Φ0.5mm Single Pore Electrode	10	21"
		50	3'50"
	Φ1mm Single Pore Electrode	30	1'25"
	Φ2mm Porous Electrode	30	1'51"
	Φ3mm Porous Electrode	30	2'
Hpb Brass	Φ0.3mm Single Pore Electrode	18	1'11"
	Φ0.4mm Single Pore Electrode	18	1'25"
	Φ0.5mm Single Pore Electrode	18	57"
	Φ1mm Single Pore Electrode	18	50"
	Φ1.5mm Porous Electrode	18	49"
	Φ2mm Porous Electrode	18	1'32"
	Φ3mm Porous Electrode	18	1'50"
2A12 Aluminum	Φ1mm Single Pore Electrode	45	30"
	Φ1.5mm Porous Electrode	45	30"
	Φ2mm Porous Electrode	45	1'
	Φ3mm Porous Electrode	45	40"
Hard Alloy	Φ0.5mm Single Pore Electrode	10	5'8"
	Φ1mm Single Pore Electrode	10	2'32"
	Φ2mm Single Pore Electrode	10	6'45"

Data for reference only, more specific data, welcome inquiry!



# Packing List of Accessories

## 12. SPARE PARTS PACKING LIST

### Packing List

Item No.	Item Name	Model No.	Number	Remark
1	Allen Wrench	M3 M4 M5 M6 M8	1 each	
2	Double-Head Screwdriver		1pc	
3	Special Scissors For Electrodes		1pc	
4	Guider	Φ0.5	1pc	
5	Guider	Φ1.0	1pc	
6	Brass Tube	Φ0.5	100pcs	
7	Brass Tube	Φ1.0	100pcs	
8	Electrode Seal Ring	0-1.0mm	20pcs	
9	Precision Drill Chuck		1 set	
10	Machine Foot	M16	4pcs	
11	Water bucket		1pc	
12	Slop Tank		1pc	
13	Balance Bar Stand		1 pair	
14	Water Retaining Plate		1 pair	
15	User's Manual		1pc	

Note: The above accessories are factory standard configuration of the machine tool, and will be notified if there are any changes.

# Warranty

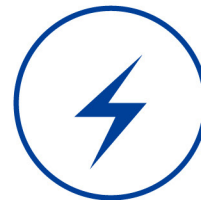
1 year warranty, free spare parts if any technical problem happened.



After-sale Guarantee



Quality Guarantee



Lightning-fast Delivery

# Logistics Delivery

CHN/USA warehouse fast delivery



**Xincheng Precision**

[tapremover@lyxc.com](mailto:tapremover@lyxc.com)

**Global Sales**

