

SUPERTECH MACHINE TOOLS

OMAKAR INDUSTRIAL PREMISES CO-OPERATIVE LTD., SHOP NO.7B, SECTOR NO.7, PLOT NO.139, PCNDTA MIDC, BHOSARI, PUNE-411026, MAHARASHTRA,
+91-8830771767, 7249185914

CNC EDM Wire Cut Machine DK series

Wire EDM is a method to cut conductive materials with a thin electrode that follows a programmed path. The electrode is a thin wire. Typical diameters range from 0.12mm - 0.30mm (0.004" - 0.012") . The hardness of the work piece material has no detrimental effect on the cutting speed. It is widely used in die making, heat treated material.

Main Feature:

Large travel , High cutting speed.

With 3° taper as standard attachment. Taper angles up to 15°, 30° as option.

Small wire diameters 0.12- 0.30mm (down to 0 .08mm).

Accuracy: 0.015mm, even 0.01mm(middle speed)

Roughness: Ra 1.0-2.5 μ m

Low consumption, material saving.

Advanced CAD/CAM equipment with file transfer and translation capabilities.

High cutting speed modular is optional.

Multi-cut control system can improve the accuracy and finish.



± 15 degree



± 30 degree

Control system: (HL,HF,Autocut)

- a) Single-cut PC control cabinet.
- b) Multi-cut PC control cabinet.



Single-cut control Cabinet



Multi-cut control Cabinet

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Model	DK7720	DK7725	DK7735	DK7740	DK7745	DK7745J
Table size (mm)	490*380	580*400	740*470	780*540	830*570	930*570
Table travel (X×Y) (mm)	250*200	320*250	450*350	500*400	550*450	630*400
Max. Z axis travel (mm)	250	280	400	500	500	500
Max. workpiece weight (kg)	200	250	350	450	450	450
Max. cutting angle (Optional)	±3°	±3°	±3° ,15°	±3° , 15°, 30°	±3° , 15°, 30°	±3° , 15°, 30°
Position accuracy (mm)	0.015/300					
Repeatability (mm)	0.01					
Wire moving speed (m/s)	11.5					
Cutting speed (mm ² /min)	Standard cutting speed:110-120, Max. cutting speed: 180-200					
Power	Single phase, 220V/50Hz / three phase, 380V/50Hz, (less than 2.5kw)					
Dimension L*W*H (mm)	1200*900*1300	1300*1100*1500	1500*1200*1650	1700*1350*1700	1750*1350*1700	1750*1400*1700
Net weight (kg)	800	900	1200	1350	1350	1400

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Model	DK7750	DK7750J	DK7763	DK7763J	DK7780	DK7780J
Working Table size (mm)	1000*650	1140*650	1140*750	1350*760	1350*980	1650*990
Stroke (X/Y/) (mm)	630*500	800*500	800*630	1000*630	1000*800	1200*800
Max. Z axis travel(mm)	600	600	600	600	800	800
Max. workpiece weight(kg)	800	1000	1200	1400	2000	2000
Cutting angle(°/80mm)	±3°, 15°, 30°	±3°, 15°, 30°	±3°, 15°, 30°	±3°, 15°, 30°	±3°, 15°, 30°	±3°, 15°, 30°
Position accuracy (mm)	0.015/300					
Repeatability (mm)	0.01					
Wire moving speed (m/s)	11.5					
Cutting speed (mm ² /min)	Standard cutting speed:110-120, Max. cutting speed: 180-200					
Power	Single phase, 220V/50Hz / three phase, 380V/50Hz (less than 2.5kw)					
Dimension (m)	1800*1600*1900	1800*1750*1900	2200*1800*2000	2200*2000*2000	2600*2200*2150	2600*2400*2150
Net weight (kg)	1850	1950	2500	2800	3800	4400

Model	DK77100	DK77100J	DK77120J	DK77150	DK77160	DK77160J
Working Table size (mm)	1650*1150	1900*1150	2000*1300	2500*1600	2600*1780	2960*1780
Stroke (X/Y/) (mm)	1200*1000	1400*1000	1600*1200	1800*1500	2200*1600	2500*1600
Max.Z axis travel(mm)	800	800	1000	1200	1200	1200
Max. workpiece weight(kg)	2600	2600	4000	4500	6000	6000
Cutting angle(°/80mm)	±3°, 15°, 30°	±3°, 15°, 30°	±3°, 15°, 30°	±3°, 15°, 30°	±3°, 15°, 30°	±3°, 15°, 30°
Position accuracy (mm)	0.015/300					
Repeatability (mm)	0.01					
Wire moving speed (m/s)	11.5					
Cutting speed (mm ² /min)	Standard cutting speed:110-120, Max. cutting speed: 180-200					
Power	Single phase, 220V/50Hz / three phase, 380V/50Hz. (less than 2.5kw)					
Dimension (mm)	3000*2600*2500	3000*2800*2500	3400*3200*2600	4400*4400*2800	5000*4800*3000	5600*4800*3000
Net weight (kg)	5200	5800	8500	11000	14000	14500