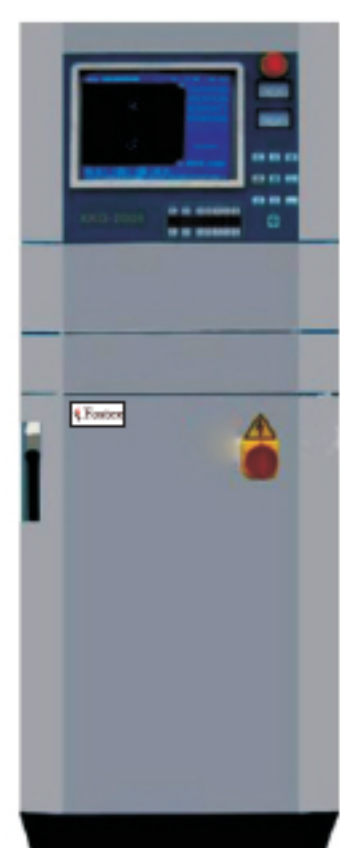


CNC Wire Cut Machine - FDK Series

Single Cut

- Lowest Running Cost
- Reusable Molybdenum wire
- Multi pass facility (optional)
- It can make option of High speed and Medium speed
- High accuracy and fine surface quality can be while machining speed in high
- Coolant oil is used as dielectric / Low cost soap gel can be used as cutting oil
- Maximum cutting speed : 180mm2/min
- Low cost
- Low Maintenance
- Function of taper processing
- Functions of interpolation of straight line and circular arc
- Automatic centre find, edge find operation and pulse at wire break
- Function of memorizing when power was cut and auto-stop after processing
- Auto lock after giving run command
- Good rigidity, running placidly, strong function, convenient and reliable operation

CNC Wire Cut Machine - FDK Series

Multi Cut
CNC Pulse Generator

- Display of cutting rate
- Display of machining time
- Single block execution
- Display of operator help and error message
- Operating Platform : Window XP
- Gap Short Recovery
- Color CRT Display

Machine Tools

- Ball screw for X,Y, Table movement
- Fine Pitch screw for U,V movement
- Stepper motor for X,Y, U,V axis movement
- Flexible job stand for job mounting
- Variable speed AC motor for wire drum assembly
- Simultaneously controlled X,Y, U,V

Model	FDK7720-S FDK7720-M	FDK7725-S FDK7725-M	FDK7732-S FDK7732-M	FDK7735-S FDK7735-M	FDK7740-S FDK7740-M	FDK7745-S FDK7745-M	FDK7740J-S FDK7740J-M
Table size (mm)	490*380	580*400	700*440	700*440	780*540	780*540	1000*540
Table travel (X×Y) (mm)	250*200	320*250	400*320	450*350	500*400	550*450	630*400
Max.Z axis travel (mm)	350	350	400	450	500	550	500
Max. workpiece weight (kg)	200	300	400	400	500	500	550
Max. cutting angle (Optional)	6°	6°	6°, (15°)	6°, (15°)	6°, (15°, 30°)	6°, (15°, 30°)	6°, (15°, 30°)
Position accuracy (mm)	0.015/300						
Repeatability (mm)	0.01						
Wire moving speed (m/s)	11.5						
Cutting speed (mm2/min)	Standard:120-140, max. cutting speed: 160-180						
Power	Single phase, 220V/50Hz / Three phase, 415V/50Hz, (2.0kw)						
Best Finish (Ra)	Single Cutting ≤ 2.5 Multi Cutting ≤ 1.5						
Wire Diameter (mm)	Ø 0.12 - 0.25						
Dimension L*W*H (mm)	1200*900*1300	1300*1200*1400	1300*1200*1400	1300*1200*1400	1600*1300*1500	1600*1300*1500	1700*1300*1500
Net weight (kg)	800	900	1200	1200	1350	1350	1400

Model	FDK7750-S FDK7750-M	FDK7750J-S FDK7750J-M	FDK7763-S FDK7763-M	FDK7763J-S FDK7763J-M	FDK7780-S FDK7780-M	FDK7780J-S FDK7780J-M
Working Table size (mm)	1000*650	1140*650	1140*750	1350*750	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	1600	2000	2500	3000
Max. cutting angle (Optional)	6°, (15°, 30°)	6°, (15°, 30°)	6°, (15°, 30°)	6°, (15°, 30°)	6°, (15°, 30°)	6°, (15°, 30°)
Position accuracy (mm)	0.015/300					
Repeatability (mm)	0.01					
Wire moving speed (m/s)	11.5					
Cutting speed (mm2/min)	Standard:120-140, max. cutting speed: 160-180					
Power	Single phase, 220V/50Hz / Three phase, 415V/50Hz (2.0kw)					
Best Finish (Ra)	Single Cutting ≤ 2.5 Multi Cutting ≤ 1.5					
Wire Diameter (mm)	Ø 0.12 - 0.25					
Dimension L*W*H (mm)	1800*1600*1700	1800*1600*1700	2100*1800*1800	2100*1800*1800	2600*2400*2000	2600*2400*2000
Net weight (kg)	2100	2300	3000	3300	4000	4500

Model	FDK77100-S FDK77100-M	FDK77100J-S FDK77100J-M	FDK77120J-S FDK77120J-M	FDK77150-S FDK77150-M	FDK77160-S FDK77160-M	FDK77160J-S FDK77160J-M
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)	4000	4000	5000	6000	10000	10000
Max. cutting angle (Optional)	6°, (15°, 30°)	6°, (15°, 30°)	6°, (15°, 30°)	6°, (15°, 30°)	6°, (15°, 30°)	6°, (15°, 30°)
Position accuracy (mm)	0.015/300					
Repeatability (mm)	0.01					
Wire moving speed (m/s)	11.5					
Cutting speed (mm2/min)	Standard:120-140, max. cutting speed: 160-180					
Power	Single phase, 220V/50Hz / Three phase, 415V/50Hz. (2.0kw)					
Best Finish (Ra)	Single Cutting ≤ 2.5 Multi Cutting ≤ 1.5					
Wire Diameter (mm)	Ø 0.12 - 0.25					
Dimension L*W*H (mm)	3000*2800*2500	3000*2800*2500	3200*3000*2600	4400*4400*2800	5300*4800*3000	5800*4800*3000
Net weight (kg)	5200	5800	8500	11000	14000	14500

Standard Accessories

- PC with Windows 7 / XP
- Molly Wire - 1 Spool
- Jel - 2 kg (1 Box)
- Coolant System
- Ball Screw in X, Y Axis

Optional Accessories

- Wire Tighten Pulley
- Guide Cover Pulley 5-Nos
- Steel Cover
- Tool Box
- Wire Vertical Setting Block,
- DRO - 2 Axis (X & Y)

Optional Accessories

- LM guide for X,Y axis
- Taper attachment for 15°,30° / 60°
- High Pressure Coolant Tank

- Lifting Motor