

Stainless Steel Aluminum Wire Electrical Discharge Machine F Type

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Luyoung
- Certification: CE
- Model Number: DK77
- Minimum Order Quantity: 1
- Price: USD6000-USD30000
- Packaging Details: Fumigation-free plywood
- Delivery Time: 45 working days
- Payment Terms: L/C, T/T
- Supply Ability: 100sets



Product Specification

- Electrode Wire Diameter Range: $\phi 0.157\phi 0.2\text{mm}$ (recommend $\phi 0.18\text{mm}$)
- Wire Speed: 1~11.4/7part Variable Frequency Adjustable
- Precision: ≤ 0.012
- Maximum Cutting Efficiency: ≥ 150
- Best Surface Roughness: One cut $Ra \leq 2.5$, three cuts $Ra \leq 1.2$, five cuts $Ra \leq 1.0$
- Highlight: **wire edm aluminum, wire edm stainless steel, wire electrical discharge machine**

Technical parameters		Machining taper: $\pm 0.01^\circ$				
Model	Unit	DK7735	DK7745	DK7755	DK7763	DK7780
Table size (D*W)	mm	400 x 180	540 x 840	640 x 1000	750 x 1190	850 x 1440
X, Y axis travel	mm	300 x 450	450 x 550	500 x 600	600 x 800	800 x 1000
Maximum carrying weight	kg	300	500	800	1200	1500
Maximum depth of holes	mm	400	400	500	800	800
Wire speed range	mm/min	$\pm 0.15^\circ$ $\pm 0.2^\circ$ recommended $\pm 0.15^\circ$				
Wire speed	mm/min	1~11.4/7part Variable Frequency adjustable				
Precision	mm	≤ 0.012				
Maximum cutting efficiency	mm/2min	≥ 150				
Best surface roughness	μm	one surface $Ra \leq 2.5$, three surfaces $Ra \leq 1.2$, five surfaces $Ra \leq 1.0$				
Control method		X, Y, Z, V axis stepper drive				
Number of control axes		Four-axis linkage				
Minimum rotation unit	mm	0.001				
Power supply		Three-phase four-wire 3N-380V/50Hz				
Maximum operating current	A	6				
Water pump power	Kw	2				
Working fluid		deionized water is recommended				
Working fluid tank volume	L	80				
Working fluid filter		Paper filter or filter pump				
Protecting mask		enclosed, closed				
Net weight	kg	1300	1600	2200	2800	3600
Machine Dimensions	mm	1800 x 1400 x 1800	2100 x 1700 x 1800	2300 x 2100 x 1800	2800 x 2200 x 2000	3000 x 3200 x 2000

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Wire speed	1~11.4/7part Variable frequency adjustable
Precision	≤ 0.012
Maximum cutting efficiency	≥ 150
Best surface roughness	One cut $Ra \leq 2.5$, three cuts $Ra \leq 1.2$, five cuts $Ra \leq 1.0$

Product Overview

DK77 series F type CNC EDM cutting machine for metal parts, designed for precision cutting applications in industrial manufacturing.



Technical parameters

Machining taper: $\pm 6^\circ$

Model	Unit	DK7735	DK7745	DK7750	DK7763	DK7780
Table size (W*L)	mm	490 × 740	540 × 840	640 × 1000	750 × 1190	950 × 1440
X, Y axis travel	mm	350 × 450	450 × 550	500 × 630	630 × 800	800 × 1000
Maximum carrying weight	kg	300	500	800	1200	1500
Maximum straight cut thickness	mm	400	400	500	600	800
Machining taper/workpiece thickness	mm	$\pm 6^\circ$ /80mm				
Electrode wire diameter range	mm	$\phi 0.15 \sim \phi 0.2$ mm(recommend $\phi 0.18$ mm)				
wire speed	m/sec	1 ~ 11.4/7part Variable frequency adjustable				
Precision	mm	≤ 0.012				
Maximum cutting efficiency	mm ² /min	≥ 150				
best surface roughness	μm	one cutRa ≤ 2.5 , three cutsRa ≤ 1.2 , five cutsRa ≤ 1.0				
control method		X,Y,U,V axis: stepper drive				
Number of control axes		Four-axis linkage				
Minimum instruction unit	mm	0.001				
Power supply		Three-phase four-wire 3N-380V/50Hz				
Maximum operating current	A	6				
Machine tool power consumption	Kw	2				
working fluid		Jiarun JR3A is recommended				
Working fluid tank volume	L	90				
Working fluid filtration method		Paper filter or Italian pump				
protecting mask		encircled, closed				
Host weight	kg	1300	1600	2200	2800	3600
Mainframe Dimensions	mm	1800 × 1400 × 1850	2100 × 1750 × 1850	2300 × 2100 × 1950	2600 × 2250 × 2000	3300 × 3270 × 2400

Key Features

- ☆ High rigidity bed structure design, stable and not deformed
- ☆ X.Y.Z three-axis precision linear guide
- ☆ Constant tension automatic tightening device
- ☆ Totally enclosed workbench water shield
- ☆ Closed column waterproof cover
- ☆ Push-pull sliding wire protection cover
- ☆ Full chrome-plated wire storage drum, wear-resistant and not rust
- ☆ Centralized oil supply lubrication system, convenient and reliable



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