

FAST SPEED REUSABLE WIRE EDM

A professional manufacturer of
High-Precision Wire EDM Machines



Features

- XY with AC Servo Motor Drive
- Maximum Cutting Speed \geq 160 mm²/min
- User-Friendly Interface
- KCUT Control System

Machine Specifications

Travel	Unit	PWE450	PWE550	PWE650	PWE850
X x Y stroke	mm	320 X 450	400 X 550	500 X 650	630 X 850
U x V stroke	mm	30 X 30	30 X 30	30 X 30	30 X 30
Worktable dimension	mm	435 X 650	550 X 730	650 X 850	850 X 1150

Machining parameters

Cut accuracy straight/taper	mm	≤0.015			
Max cut taper	/mm	±6/80			
Max cut speed	mm ³ /min	≥160			
Best surface finish	µm	Ra1.0 (SKD11, Thickness 20mm, multi-cut)			
Max cut current	A	8			
Max load of worktable	kg	300	500	600	800
Max cut thickness	mm	280			
Min drive	mm	0.001			

Wire

Diameter of wire	mm	Ø0.12-Ø0.25			
Stroke of wire drum	mm	1-11.4m/s			
Wire tightening type		Spring Wire Tensioner			
Max length of wire installed	m	250~300			

Basic parameters

Rated power	Kw	≤1.5KVA	≤1.5KVA	≤1.5KVA	≤1.5KVA
Input voltage	V/Hz	380/50	380/50	380/50	380/50
Weight of machine	kg	1600	1900	2100	2700
Outer dimension	m	1.6*1.2*2.0	1.9*1.6*2.1	2.1*1.7*2.2	2.4*2.0*2.2
Packing dimension	m	0.7*0.6*1.9	0.7*0.6*1.9	0.7*0.6*1.9	0.7*0.6*1.9

Capacity

Capacity	L	60			
Filtering type		High pressure multi-stage filtration			
Outer dimension	m	0.7*0.7*0.8			
Packing dimension	m	0.9*0.9*0.9			
G.W./N.W	kg	80/60			