Phillips MACHINE TOOLS

FAST SPEED REUSABLE WIRE EDM

A professional manufacturer of High-Precision Wire EDM Machines

Standard Configuration:

- X, Y, and wire drum with AC servo motor
- “C” structure, “T” shape machine bed
- LCD monitor, industrial computer
- High precision linear guideways
- Double nut ball screws (P2 grade)
- Automatic lubricating system
- Standard Z axis motorized drive up and down with controlled in the software
- Direct drive - fast feed rate
- High rigidity clamping system

Think EDM, Think Phillips

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MAIN SPECIFICATIONS

Item			PWE 400 FR	PWE 500 FR	PWE 700 FR	PWE 800 FR
Worktable travel		mm	320x400x300	400x500x300	550x700x300	630x800x300
Worktable dimension		mm	435x650	520x800	710x950	780x1010
Max. cut taper		°/mm	±12°/80	±12°/80	±12°/80	±12°/80
Machining accuracy	Octagon	mm	±0.006	±0.006	≤±0.004	±0.006
	Taper	mm	±0.015	±0.015	≤±0.012	±0.015
Max. machining speed		mm^2/mm	260	260	≥240	260
Best surface finish		μm	Ra≤0.8	Ra≤0.8	Ra≤0.8	Ra≤0.8
Molybdenum wire range		mm	Ø0.12-2	Ø0.12-.2	Ø0.12-.2	Ø0.12-.2
Max. machining current		A	7	7	7	7
Rate power		Kw	≤3	≤3	≤3	≤3
Voltage		V/Hz	3-380/50	3-380/50	3-380/50	3-380/50
Maximum load capacity		Kg	400	600	700	1000
Weight Of machine		Kg	2600	3000	4000	5000
Machine dimensions (LxWxH)		m	1.9x1.8x2.0	2.1x2.0x2.0	2.3x2.2x2.1	1.84x2.11x2.2

Item		
Volume of container	L	160L
Dielectric fluid filtration		Filter
Dimensions of container	m	0.9x0.8x1.0
Container package dimensions (LxWxZ)	m	1.0x.0.9x1.1
Weight of container(Gross/Net)	Kg	140/110

*FR- Fix Wire Drum and NC controlled fully automatically wire tension control system with touch screen

Workpiece material
CR12
Workpiece thickness
60mm
Surface Finish
<1.0um
Cuts
4

Workpiece material
CR12
Workpiece thickness
40mm
Surface Finish
<0.8um
Cuts
4

Workpiece material
CR12
Workpiece thickness
30mm
Surface Finish
<0.8um
Cuts
4

Workpiece material
CR12
Workpiece thickness
30mm
Surface Finish
≤1.2um
Taper
±10°
Cuts
3

Workpiece material
CR12
Workpiece thickness
60mm
Surface Finish
<1.0um
Cuts
3

Workpiece material
CR12
Workpiece thickness
200mm
Surface Finish
<1.0um
Cuts
3

Specifications subject to change without notice. Not responsible for typographical errors.
Machines shown with optional equipment. Actual product appearance may differ.
Special pricing available only to customers in India. Pricing subject to change without notice.