



MS POWERDRIVE PVT LTD

Perfect EDM Solution

ROBO CUT - MOLYBDENUM SERVO WIRE CUT MACHINE

(Medium Speed & High Accuracy DSP Series)



Main Feature

- Performance similar to slow speed wire cutting, but cheaper price.
- Small wire diameters 0.12mm – 0.30mm (down to 0.08mm).
- Accuracy: 0.015 mm, even 0.01mm.
- Four Axes independent UV work, all linear rails with stepping motor.
- Special Tensioning mechanism for molybdenum wire, keep stable cutting.
- 3 Axis controlled by AC Servo motor - Optional. (Panasonic Drive with motor).
- X/Y axis controlled with MPG control - Optional.

Specification:

Model	Unit	ROBO CUT M32	ROBO CUT M40	ROBO CUT M50	ROBO CUT M63
Working Table Size	mm	440 x 620	510 x 730	630 x 880	850 x 1,200
Stroke (X/Y)	mm	320 x 400	400 x 500	500 x 630	630 x 800
Max. cut thickness	mm	300	300	400	400
Stroke	mm	(Normal): 24 x 24 (Large Taper): D 60 x 60E 130 x 130 T-240 x 240			
Molybdenum wire Φ	mm	Φ 0.10 ~ 0.22			
Molybdenum wire speed	m/sec	12, 9, 7, 5, 2			
Max. Cutting angle	$^{\circ}$ /mm	(Max. Multi-cut): 1.5 $^{\circ}$ / 50 mm			
Max. Cutting angle	$^{\circ}$ /mm	(Multi. One time-cut): 3 $^{\circ}$ D – 10 $^{\circ}$ E 18 $^{\circ}$ T 30 $^{\circ}$ /50mm			
Process roughness	Ra. μ m	Multi cut: Ra \leq 1.2 Micro-pulse power Ra \leq 0.8 (One time cut); Ra \leq 2.5			
Driving Motor	--	Stepping motor / AC Servo motor* (Optional)			
Guide Screw and track	--	Precision Ball Screw / Linear Motion Guides			
Max. work Piece weight	Kg	450	600	1,00	1,200
Weight	Kg	1,500	1,700	2,600	3,000
Dimension	mm	1700x1300x1900	1900x1450x1900	2050x1850x2000	2250x2020x2000

All Types of EDM Machine Sales, Spares & Service

MS POWER DRIVE PVT LTD

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