

# 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.
- With 3 taper as standard attachment. Taper Angles up to 15°, 30° as option.

## 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 $\Phi$	mm	$\Phi$ 0.10 ~ 0.22			
Molybdenum wire speed	m/sec	12, 9, 7, 5, 2			
Max. Cutting angle	°/mm	(Max. Multi-cut): 1.5° / 50 mm			
Max. Cutting angle	°/mm	(Multi. One time-cut): 3°D – 10°E 18°T 30°/50mm			
Process roughness	Ra.um	Multi cut: Ra ≤ 1.2 Micro-pulse power Ra ≤ 0.8 (One time cut); Ra ≤ 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**

# POWER DRIVE

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