

ROBO CUT - MOLYBDENUM WIRE CUT MACHINE

(High Speed DSP Series)



Main Feature

- Large Travel, High Cutting Speed.
- With 3 taper as standard attachment. Taper Angles up to 15°, 30° as option.
- Small wire diameters 0.12mm – 0.30mm (down to 0.08mm)
- Accuracy: 0.015 mm, even 0.01mm (Middle Speed).
- Roughness: Ra 1.0 – 2.5 μm.
- Submersed cutting for thermal stability and interrupted cuts.
- Low consumption, material saving.
- Advanced CAD/CAM equipment with file transfer and translation capabilities.
- High cutting speed modular is optional.
- Control System: (HL, HF, Autocut, Wincut)
 - Microcomputer process control system.
 - PC Control system.
 - Luxury vertical control cabinet
- Option:
 - Environment protection type (Full Enclosed)
 - Linear Guide rail.

Specification:

Model	Unit	ROBO CUT H25	ROBO CUT H35	ROBO CUT H40	ROBO CUT H45	ROBO CUT H40J	ROBO CUT H50	ROBO CUT H50J	ROBO CUT H63
Working Table Size X-Y	mm	580 x 400	700 x 440	780 x 540	780 x 540	1000 x 540	1000 x 650	1140 x 650	1140 x 750
Table Travel	mm	320 x 250	450 x 350	500 X 400	550 X 450	630 X 400	630 x 500	800 x 500	800 x 630
Max. Z Axis Travel	mm	350	400	400	400	400	600	600	600
Max. Work Piece Weight	Kg	250	300	450	450	450	700	700	1000
Max. Cutting angle	°	3°	3°, 15°	3°, 15°, 30°	3°, 15°, 30°	3°, 15°, 30°	3°, 15°, 30°	3°, 15°, 30°	3°, 15°, 30°
Cutting Speed	mm2/min	Standard : 90, High Speed : 140							
Position Accuracy	mm	0.015 / 300							
Repeatability	mm	0.01							
Wire Moving Speed	m/s	11.5							
Net Weight	Kg	900	1,200	1,350	1,350	1,400	2,100	2,300	3,000
Power	Kw	3 Phase 400VAC /50 Hz (Less than 1Kw)							

Model	Unit	ROBO CUT H63J	ROBO CUT H80	ROBO CUT H80J	ROBO CUT H100	ROBO CUT H100J	ROBO CUT H120J	ROBO CUT H150	ROBO CUT H160J
Working Table Size X-Y	mm	1,350 x 750	1,350 x 980	1650 x 990	1650 x 1150	1900 x 1150	2000 x 1300	2500 x 1600	2960 x 1780
Table Travel	mm	1,000 X 630	1,000 x 800	1200 x 800	1200 x 1000	1400 x 1000	1600 x 1200	1800 x 1500	2500 x 1600
Max. Z Axis Travel	mm	600	800	800	800	800	1000	1,200	1,200
Max. Work Piece Weight	Kg	1,000	1,000	2,000	2,600	2,600	4,500	5,000	10,000
Max. Cutting angle	°	3°, 15°, 30°	3°, 15°, 30°	3°, 15°	3°, 15°, 30°	3°, 15°, 30°	3°, 15°, 30°	3°, 15°, 30°	3°, 15°, 30°
Cutting Speed	mm2/min	Standard : 90, High Speed : 140							
Position Accuracy	mm	0.015 / 300							
Repeatability	mm	0.01							
Wire Moving Speed	m/s	11.5							
Net Weight	Kg	3,300	4,000	4,500	5,200	5,800	8,500	11,000	14,500
Power	Kw	3 Phase 400VAC /50 Hz Less than 1Kw							

All types of EDM Machine Sales, Spares & Service

POWER DRIVE

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