



Wire Cutting Machine

HB Series (Molydenum wire)



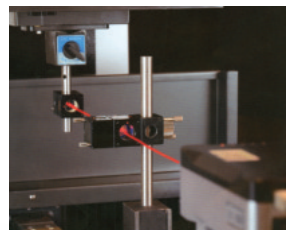
HB-400



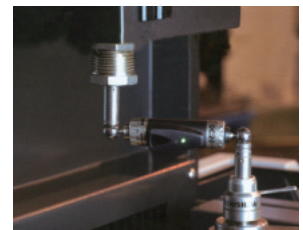
HB-600

HB-400 / 600 SPECIFICATION

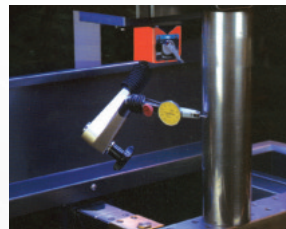
MODEL		UNIT	HB-400	HB-600
Machine Body	X,Y Table travel	mm	400 x 300	600 x 400
	Wire diameter	mm	φ0.10-0.25	φ0.10-0.25
	Wire traveling speed	m/s	1.18-11.8	1.18-11.8
	Machine weight	Net/Gross kg	2260 / 2560	2260 / 2560
	Machine dimensions	L*W mm	1640 x 1650	1965 x 1800
Workpiece	Max. Workpiece thickness	mm	300	400
	Max. Taper angle	° / thickness mm	20° / 100	20°/100
	Max. Workpiece size	mm	580 x 460 x 300	1250 x 700 x 400
	Max. Workpiece weight	kg	500	900
Dielectric Tank	Filtering precision	mm	0.01	0.01
	Capacity	L	130	130
	Working method		Multi-filtration system	Multi-filtration system
Pulse Power	Max. Cutting speed	mm2/min	≥300	≥300
	Best surface finish	Ra ≤ μm	0.6	0.6
	Max. Cutting current	A	12	12
CNC Power Supply Unit	Hardware configurations		LCD, AC Servo system, Import inverter	
	Connecting port		USB, LAN	
	Program code		ISO Code	
	Axis numbers		4-axis Simultaneous control, Realizing pitch compensation	
	Joy stick		Standard	
	Language		Chinese, English, Korean, Japanese	
	Aluminum machining		Option	
	Titanium machining		Standard	
Power Supply	Z axis motor		Standard	
	Power		3-380V±10% 50±1Hz	
	Working temperature range		10-35° C	
	Power consumption		1.2KVA	



Laser interferometer is used for test to reliably guarantee positional accuracy of the machine tool.



Ball-bar is used for dynamic accuracy test to ensure that dynamic performance of the machine tool meets standard requirements.



Strict geometric accuracy test ensures that all geometric accuracy indicators meet standard requirements.



Visual and intelligent man-machine interactive system.

LA Series (Brass wire)



LA-350 / LA-500



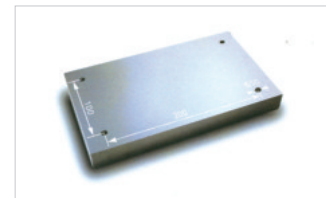
Gear Machining

Using the corner policy, which greatly improve the precision of Gear Shape.



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Progressive die

New controller of LSQ1 realizes high accuracy step feed. Linear scale, THK ball-screw and guide way realizes high accuracy of position.



LA-350-500 SPECIFICATION

MODEL		UNIT	LA-350	LA-500
Machine Size	Workpiece size	mm	600 x 400	745 x 510
	Machine diameter	mm	2120 x 2500 x 2080	2420 x 2500 x 2150
	Water tank size	mm	1400 x 750 x 1240	1400 x 750 x 1240
	Controller size	mm	1330 x 620 x 1800	1330 x 620 x 1800
Weight	Max. weight of workpiece	kg	350	700
	Machine body	Net/Gross kg	1990 / 2290	2640 / 2940
	Water tank	Net/Gross kg	330 / 580	330 / 580
	Controller	Net/Gross kg	620 / 760	620 / 760
Worktable Travel	X Y Z Stroke	mm	350 x 250 x 220	500 x 350 x 270
	UV Stroke	mm	70 x 70	70 x 70
	Max. Taper angle	mm	±15° / 100mm	±15° / 100mm
	Max. Workpiece thickness	mm	210	260
Machining	X Y Axis linear scale			standard
	Corner control			standard
	Parameter library			standard
	Machining method			flushing
Wire Electrode	Max. Machining current	A		25
	Wire diameter range	mm		Ø 0.15-0.3
	Wire feed rate	m/min		1.8-12
	Weight of coil	kg		5
Dielectric Tank	Wire tension	kgf		0.2-2.0
	Capacity	L		440
	Deionizer			ion-exchange resin
	Filtering method			removable filter
Display type	Filter quantity	PC		1
	15" inch TFT-LCD			standard
Power Requirement				10KVA
AWT (auto wire thread)				option