



## **HQ500 Lathe/drill/mill**

A kind of combination machines with turning, milling, drilling and threading.

Metric or imperial thread cutting Suitable for processing metal,

wood and other materials Excellent advantage of various functions,

small occupation and economization Widely used in job-shops, car shops technical school,

factories and family for machine parts repairing and making, education training,

household utensils' making, etc.

### **FEATURE:**

Compact, versatile combination machine.

Adjustable height drill/mill head increases capacity.

Large MT4 spindle bore.

Fine feed handle and clutch for precision milling.

Headstock provides two step of feeds.

Spindle is supported by high precision bearing.

Headstock is constantly oiled during operation.T-slot cross slide.Adjustable gibs for the slideway.

Power longitudinal & cross feed.

Right & left hand threads cutting is available.

High precision chuck.Equipped with emergency stop button.

Tailstock may be offset for turning taper.

<b>MULTI-PURPOSE MACHINE</b>		HQ500	HQ800
TURNING	Swing over bed	420mm	420mm
	Distance between centers	500mm	800mm
	Max. longitudinal travel	440mm	740mm
	Max. cross travel	200mm	200mm
	Taper of spindle	M. T. 4	M. T. 4
	Spindle hole	φ 28mm	φ 28mm
	Step of spindle speed	7	7
	Range of spindle speed	160-1360r. p. m	160-1360r. p. m
	Barrel travel	70mm	70mm
	Taper of center	M. T. 3	M. T. 3
	Metric thread range	0.2-6mm	0.2-6mm
	Inch thread range	4-120T. P. I	4-120T. P. I
	Longitudinal range of automatic feeding	0.05-0.35mm / 0.002-0.014 inch	0.05-0.35mm / 0.002-0.014 inch
	Cross range of automatic feeding	0.05-0.35m / 0.002-0.014 inch	0.05-0.35m / 0.002-0.014 inch
	DRILLING & MILLING	Max. drilling capacity	φ 22mm
Worktable size (L*W)		475x 160mm <sup>2</sup>	475x 160mm <sup>2</sup>
Max. end mill		φ 28mm	φ 28mm
Max. face mill		φ 80mm	φ 80mm
Distance between spindle center and column		285mm	285mm
Distance between spindle and worktable		306mm	306mm
Headstock travel of up and down		110mm	110mm
Spindle taper		M. T. 3	M. T. 3
Step of spindle speed		16	16
Range of spindle speed		120-3000r. p. m	120-3000r. p. m
Swivel degree of headstock		± 360°	± 360°
MOTOR	Motor power	0.55Kw/	0.55Kw/
SHIPMENT DATA	Packing size	1130x 580x 1100mm	1430x 580x 1100mm
	N. weight/G. weight	245kg/280kg	: 275kg/325kg
	Loading amount	40pcs/20' container	32pcs/20' container