



ITEM	HQ400(HQ400/1)	HQ400V(HQ400/1V)
Swing over bed	φ420mm	420mm
Distance between centers	400mm	400mm
Max. longitudinal travel	380mm	380mm
Max. cross travel	120mm	120mm
Taper of spindle	M.T.3	M.T.3
Spindle hole	φ20mm	φ20mm
Step of spindle speed	3	
Range of spindle speed	500,900,1600r.p.m	0-600 r.p.m,600-1800 r.p.m
Barrel travel	70mm	70mm
Taper of center	M.T.3	M.T.3
<b>DRILLING &amp; MILLING</b>		
Max. drilling capacity	φ15mm	φ15mm
Worktable size (L*W)	200×150mm <sup>2</sup>	200×150mm <sup>2</sup>
Max. end mill capacity	φ20mm	φ20mm
Max. face capacity	φ63mm	φ63mm
Spindle travel	85mm	85mm
Headstock travel of up and down	HQ400/1: 80mm	HQ400/1V: 80mm
Spindle taper	M.T.3	M.T.3
Step of spindle speed	6	
Range of spindle speed	375-1600r.p.m	0-660 r.p.m,660-2030 r.p.m
Swivel angle of headstock	±360°	±360°
<b>MOTOR</b>		
Motor power	0.55Kw	1.1Kw
Voltage/Frequency	As customers' requirement	As customers' requirement
<b>SHIPMENT DATA</b>		
Packing size	1030×580×1070mm	1030×580×1070mm
N. weight/G. weight	155kg/185kg	155kg/185kg



ITEM	HQ400/3A(HQ400/3B,HQ400/3L)	HQ400/3AN(HQ400/3BN)
Swing over bed	φ420mm	φ420mm
Distance between centers	400mm (HQ400/3L:500mm)	400mm
Max. longitudinal travel	380mm(HQ400/3L:480mm)	380mm
Max. cross travel	120mm	120mm
Taper of spindle	M.T.3	M.T.3
Spindle hole	φ20mm	φ20mm
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	0.2-3mm	0.7-2mm
Inch thread range	8-120T.P.I	7-30T.P.I
Longitudinal range of automatic feeding	0.05-0.175mm/0.002-0.007 "	0.088-0.28mm/0.0035-0.011 "
Max. drilling capacity	φ15mm	φ15mm
Worktable size (L*W)	200×150mm <sup>2</sup>	200×150mm <sup>2</sup>
Max. end mill	φ20mm	φ20mm
Max. face mill	φ63mm	φ63mm
Spindle travel	85mm	85mm
Headstock travel of up and down	HQ400/3A: 80mm	HQ400/3AN: 80mm
Spindle taper	M.T.3	M.T.3
Step of spindle speed	14	14
Range of spindle speed	117-1300r.p.m	117-1300r.p.m
Swivel of headstock	±360°	±360°
Motor power	0.55Kw	0.55Kw
Voltage/Frequency	As customers' requirement	As customers' requirement
Packing size	1032×580×1100mm(400/3L:1132×580×1100mm)	1032×580×1100mm
N. weight/G. weight	180kg/215kg(HQ400/3L:185kg/226kg)	185kg/220kg



ITEM	HQ400/3V
Swing over bed	φ420mm
Distance between centers	400mm
Max. longitudinal travel	380mm
Max. cross travel	120mm
Taper of spindle	M.T.3
Spindle hole	φ20mm
Step of spindle speed	
Range of spindle speed	0-600 r.p.m,600-1800 r.p.m
Barrel travel	70mm
Taper of center	M.T.3
Metric thread range	0.7-2mm
Inch thread range	7-30T.P.I
Longitudinal range of automatic feeding	0.088-0.28mm/0.0035-0.011 "
Max. drilling capacity	φ15mm
Worktable size (L*W)	200×150mm <sup>2</sup>
Max. end mill	φ20mm
Max. face mill	φ63mm
Spindle travel	85mm
Headstock travel of up and down	80mm
Spindle taper	M.T.3
Range of spindle speed	0-660 r.p.m,660-2030 r.p.m
Swivel of headstock	±360°
Motor power	1.1Kw
Voltage/Frequency	As customers' requirement
Packing size	1032×580×1100mm
N. weight/G .weight	185kg/220kg



ITEM	HQ500	HQ800	HQ500N	HQ800N
Swing over bed	φ420mm		φ420mm	
Distance between centers	500mm	800mm	500mm	800mm
Max. longitudinal travel	440mm	740mm	440mm	740mm
Max. cross travel	200mm		200mm	
Taper of spindle	M.T.4		M.T.4	
Spindle hole	φ28mm		φ28mm	
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		0.7-4mm	
Inch thread range	4-120T.P.I		4-30T.P.I	
Longitudinal range of automatic feeding	0.05-0.35mm/0.002-0.014 "		0.088-0.55mm/0.0035-0.022 "	
Cross range of automatic feeding	0.05-0.35mm/0.002-0.014 "		0.088-0.55mm/0.0035-0.022 "	
Max. drilling capacity	φ22mm		φ22mm	
Worktable size (L*W)	475x160mm <sup>2</sup>		475x160mm <sup>2</sup>	
Max. end mill	φ28mm		φ28mm	
Max. face mill	φ80mm		φ80mm	
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 power	0.55Kw/0.55Kw		0.55Kw/0.55Kw	
Voltage/Frequency	As customers' requirement		As customers' requirement	
Packing size	1130x580x1100mm(HQ800:1430x580x1100mm)		1130x580x1100mm(HQ800N:1430x580x1100mm)	
N. weight/G .weight	245kg/280kg(HQ800:275kg/325kg)		250kg/285kg(HQ800N:280kg/330kg)	



ITEM	HQ500V	HQ800V
Swing over bed	φ420mm	
Distance between centers	500mm	800mm
Max. longitudinal travel	440mm	740mm
Max. cross travel	200mm	
Taper of spindle	M.T.4	
Spindle hole	φ28mm	
Range of spindle speed	0-630r.p.m,630-1800r.p.m	
Barrel travel	70mm	
Taper of center	M.T.3	
Metric thread range	0.7-4mm	
Inch thread range	4-30T.P.I	
Longitudinal range of automatic feeding	0.088-0.55mm/0.0035-0.022 "	
Cross range of automatic feeding	0.088-0.55mm/0.0035-0.022 "	
Max. drilling capacity	φ22mm	
Worktable size(L*W)	475×160mm <sup>2</sup>	
Max. end mill	φ28mm	
Max. face mill	φ80mm	
Distance between spindle center and column	285mm	
Distance between spindle and worktable	306mm	
Headstock travel of up and down	110mm	
Spindle taper	M.T.3	
Range of spindle speed	0-800r.p.m, 800-2800r.p.m	
Swivel degree of headstock	±36°	
Motor power	1.1Kw/1.1Kw	
Voltage/Frequency	As customers' requirement	
Packing size	1130×580×1100mm(HQ800V:1430×580×1100mm)	
N. weight/G. weight	245kg/280kg(HQ800V:275kg/325kg)	