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### X6142 Universal Horizontal Milling Machine



The main technical parameters	Specifications	Units	X6142
Table size	Table size	mm	420×1800
T-slot (Number of slots X slot width X slot pitch)	Table tee slots (slot wide×slot number×slot distance )	mm	3×18×90
Maximum weight of worktable	Max load of table	kg	800
Workbench Longitudinal travel (manual / machine movable)	Longitudinal travel (manual/auto)	mm	1280/1250

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X			
Lateral travel (manual/motorized) Y	Transverse travel (manual/auto)	mm	380/360
Vertical stroke (manual/motorized) Z	Vertical travel (manual/auto)	mm	470/460
Maximum swivel angle of worktable degree	Maximum swivel angle of worktable degree	degree	+/-45
Spindle hole taper	Spindle nose taper		7: 24 #50
Feeding speed steps			18
Maximum pulling force of worktable	Maximum pulling force of worktable	KN	20
Spindle hole diameter	Spindle bore diameter	mm	φ 29
Tool diameter	Diameters of milling-knife pole	mm	φ 32 / φ 50
Distance from spindle center to cantilever	Distance from spindle center to cantilever beam	mm	155
Distance from center line of worktable to guide rail surface of bed	Distance from center line of worktable to guide surface of bed	mm	280-650
Distance from spindle center to table	Distance between spindle nose and table surface	mm	40-510
Spindle speed range	Spindle speed range	r/min	30-1500
Spindle speed steps			18
Range of table motorized feed: longitudinal X	Table maneuvering feed range: Longitudinal X	mm/min	22-1100
Horizontal Y	Transverse Y	mm/min	22-1100
Vertical Z	Vertical Z	mm/min	8.3-410
Rapid feed rate of worktable: Vertical X	TABLE FAST FEED: Longitudinal X	mm/min	2400
Horizontal Y	Transverse Y	mm/min	2400
Vertical Z	Vertical Z	mm/min	900

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main motor power	Spindle motor power	Kw	11
Main Motor Speed	Main Motor Speed	r/min	960
Feed motor power	Feed Motor power	KW	3
Feed motor speed	Feed motor speed	r/min	1420
Cooling pump power	Cooling pump power	KW	0.12
Cooling pump speed	Cooling pump speed	r/min	2760
Cooling pump capacity	Cooling pump capacity	L/min	25
Machine size	Overall dimension	mm	2522×2265× 2047
Machine weight	Machine weight	Kg	5000

ACCESSORIES:

HORIZONTAL MILLING CUTTER ARBOR SUBASSEMBLY, MILLING CHUCK, MILLING CUTTER ARBOR, TAPER SLEEVE, DOUBLE ENDED WRENCH, SINGLE ENDED SPANNER, INNER HEXAGON SPANNER, WORK LIGHT, COOLANT, DRILL CHUCK, MILL CHUCK, SPINDLE ARBORS, HORIZONTAL ARBORS WRENCHES, Z-AUTOMATIC FEED MILLING HEAD, RECTANGULAR GUIDE WAY ON LIFTING PLATFORM, HIGH STABILITY, HARDENED ON X-Y-Z AXIS, VERTICAL HEAD SWIVELS 45 DEGREE, DRO on X, Y, Z--AXIS. UNIVERSAL DIVIDING HEAD, ROTARY WORKTABLE, CLAMPING KIT, X-AXIS TRAVEL CAN BE WITH 800 MM



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