



X5030D X5032D Vertical Knee Type Milling

Major characteristics and purposes

The machine tool is a general one. It is made on the old products, featuring large stroke in three directions, stable and durable basic casting pieces and fine precision. The main shaft drive adopt gear graduation, which has a wider speed range. It is a good for sing piece, small batch production and tool and maintenance department as well as production in bulk. It can be used in cylindrical cutter, disk cutter, angle cutter, form milling cutter and mill to process plane, inclined plane, slot and gears. Universal milling head, swivel table, dividing head and other milling machine accessories can be selected to expand the processing range. Digital display device can be added upon the request of customers.

Model&Name	Unit	X5030D(X5030D/L)	X5032D(X5032D/L)	X6130D(X6130D/L)	X6132D(X6132D/L)
		Vertical Knee-and-column milling machine		Nc Knee-and-column milling machine	
Table surface	mm	300×1200 (300×1500)	320×1320 (320×1500)	300×1200 (300×1500)	320×1320 (320×1500)
Numbers, width&distance between T - slot	mm	3×18×70	3×18×70	3×18×70	3×18×70
Max.longitudinal travel	mm	730(1000)	800(1000)	730(1000)	800(1000)
Max.cross travel	mm	260	260	260	260
Max.vertical travel	mm	420	430	420	430
Stretch of spindle sleeve	mm	60	60	/	/
Swivel angle of the milling head	degree	±45°	±45°		
Max.rotary angle of table	degree	/	/	±45°	±45°
Milling head spindle taper	taper	7:24 NO:40	7:24 NO:40	7:24 NO:40	7:24 NO:40
Level spindle grade of speed	steps	/	/	12	12

Level spindle range of speed	rpm	/	/	35—1600	35—1600
Milling head spindle grade of speed	steps	12	12		
Milling head spindle range of speed	rpm	35—1600	35—1600		
Grade of the work-table feeds	steps	18	18	18	18
Range of feed speeds longitudinal,cross,vertical	mm/m in	14—720、4.5—240	14—720、4.5—240	14—720、4.5—240	14—720、4.5—240
Speed of rapid travels longitudinal,cross,vertical	mm/m in	2000、666	2000、666	2000、666	2000、666
Main drive motor milling head spindle	kw	4	5.5		
Main drive motor level spindle	kw	/	/	4	5.5
Feed motor	kw	0.75	1.1	0.75	1.1
Coolant pump	w	40	40	40	40
Net weight of machine	kg	2430(2530)	2630(2750)	2380(2480)	2580(2750)
Overall dimensions (L×W×H)	mm	1685×1585(1885)×1890	1685×1705(1985)×1890	1685×1585(1885)×1660	1685×1705(1985)×1660