



VFM5 Vertical Milling Machine

Model No.	Units	XW5032A	XW5032B	XW5032C	VFM5
Specifications					
Table size	mm	1320x320			1600x320
Table travel (X,Y)	mm	750x300	750x300	1000x300	1300x320
Knee travel	mm	400			460
Table power feed speed range (X)	mm/min	20 ~ 360			30~730 (variable)
Table power feed speed range (Y)	mm/min	20 ~ 360			20~500 (variable)
Table power feed speed range (Z)	mm/min	-			15~375 (variable)
Knee rapid speed(Z)	mm/min	400			600
T-slot	mm	5x14-63			3x18-70
Distance from spindle nose to table	mm	45 ~ 445	35 ~ 435	35 ~ 435	50~500
Distance from spindle axis to column	mm	320	360	360	378
Spindle taper		ISO50			ISO50
Spindle stroke	mm	—	70	70	70
Step of spindle speeds		12			12
Range of spindle speeds	rpm	58 ~ 1710			50~1475
Head swivel		±35°			±30°
Spindle motor	kw	4			5.5
Overall dimension	mm	1770x1820x1880		2020x1820x1880	2294x2030x1900
Net weight	kg	2300	2300	2350	3000

Vertical Knee-type Milling machine - VFM5

Large travel size and heavy vertical cutter head with adjustable angle
 Machine frame with extra rigid design, wide knee slide and large travel sizes.
 Guideways and gears are hardened and ground.
 Large setup table features a hardened surface and is perfectly suited for clamping large workpieces.
 Extremely rigid cutter head swivels $\pm 30^\circ$.
 Manual quill feed for micro-feeds during milling and drilling, even with tilted cutter head.
 High-torque servo motors with infinitely variable feeds and rapid feeds on all 3 axis.
 Standard equipment includes digital 3-axis, position indicator, large chip tray,
 and coolant system to ensure long tool life and excellent workpiece surface quality.

Standard accessories:

3-axis position indicator, reducing sleeves(ISO 50 MT4), draw bar, foundation bolts(M20x500mm), central lubrication system, coolant system, chip tray, work lamp

Optional accessories:

DRO,
 58pcs clamping kit,
 milling chuck set,
 Machine vise
 universal dividing head,
 H/V rotary table



VFM5(X5032V)

Specification	Unit	X5036V	X5032V	XQ5032V	X5030V
Table size	mm	360/320X1325/1600		320/300X1270/1370	
T-slots (NO./Width/Pitch)		3/18/80	3/18/70	3/14/80	3/14/80
Longitudinal travel	mm	750/1300	750/1300	720/820	720/820
Cross travel	mm	320	320	300	300
Vertical travel	mm	450	450	400	400
Table feed. (X, Y, Z)	mm/min	30-750/20-500/15-375 (variable)			
Table rapid speed (X/Y/Z)	mm/min	1200/800/600		1000/1000/750	
Spindle taper		7:24 ISO50		7:24 ISO40	
Spindle speed range	r/min	50-1475	50-1475	35-1500	35-1500
Spindle speed step	steps	12	12	12	12
Spindle travel	mm	70	70	70	70
Max. swivel angle of vertical milling head		$\pm 30^\circ$	$\pm 30^\circ$	$\pm 30^\circ$	$\pm 30^\circ$
Distance between spindle nose and table surface	mm	50-500	50-500	35-435	35-435
Distance between spindle axis and column guideway	mm	378	378	285	285
30 to feed Ac servo motor torque	N.m	10	10	10	10
Main motor Power	kw	5.5	5.5	3	3
Overall dimensions(L x W x H)	mm	1800/2520 x 2100 x 2150		1720/1820 x 1680 x 1810	
Net weight	kg	2800/3000	2700/2900	1550/1600	1500/1550