



YAMA



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HIGH-SPEED MACHINING CENTER



SPECIFICATIONS

MODELS	VMC856 (Z)	VMC967	VMC1165 (Z)
Spindle Speed	8000 r/min / Belt Driven	8000 r/min / Belt Driven	8000 r/min / Belt Driven
Spindle Taper Hole/Diameter	BT-40 (Ø155)	BT-40 (Ø155)	BT-40 (Ø155)
X/Y/Z Travel	820*550*600mm	900*600*700mm	1100*650*600mm
Worktable Size	1000*550mm	1000*550mm	1200*600mm
Worktable T-slot	18T*5*100	18T*5*100	18T*5*100
Max. Load of Worktable	600kg	600kg	800kg
Spindle Nose to Table	130-730mm	130-830mm	130-730mm
Spindle Center to Column	640 (856Z: 610)	640	710 (680)
X/Y/Z Rapid Feedrate	36/36/36 (856Z: 24) m/min	36/36/24 m/min	36/36/36 (24) m/min
Z-axis Counterweight	Optional (856Z: Standard)	Optional	Optional (1165Z: Standard)
Ball Screw Size	40*12 / 40*16 (856Z: 40*10)	40*12	40*12 / 40*10
Linear Guideways Width/Number of Sliders	XY: 45*2 / Z: 45*3 (856Z: Box way)	XY: 45*2 / Z: 45*3	XY: 45*2 / Z: 45*3 (1165Z: Box way)



SPECIFICATIONS

MODELS	VMC1270 (Z)	VMC1380 (Z)
Spindle Speed	8000 r/min / Belt Driven	6000 Belt Driven
Spindle Taper Hole/Diameter	BT-40 (Ø155)	BT-50 (Ø155) / BT40 (Optional)
X/Y/Z Travel	1200*700*700mm	1300*800*700mm
Worktable Size	1400*700mm	1500*800mm
Worktable T-slot	18T*5*125	18T*5*150
Max. Load of Worktable	800kg	900kg
Spindle Nose to Table	140-840mm	140-840mm
Spindle Center to Column	770 (760)mm	870 (860)mm
X/Y/Z Rapid Feedrate	36/36/24m/min	24/24/24m/min
Z-axis Counterweight	Optional (1270Z: Standard)	Optional (1380Z: Standard)
Ball Screw Size	XY: 40*12 Z: 50*10	XY: 40*12 Z: 50*10
Linear Guideways Width/Number of Sliders	XZ:45*3 / Y:45*2 (4 Guideway) (1270Z: Z Box way)	XZ:45*3 / Y:45*2 (4 Guideway) (1380Z: Z Box way)



SPECIFICATIONS

MODELS	VMC1580 (Z)	VMC1580 HD (Z)
Spindle Speed	6000 r/min / Belt Driven	6000 r/min / Belt Driven
Spindle Taper Hole/Diameter	BT-50 (Ø155) / BT40 (Optional)	BT50 (Ø190)
X/Y/Z Travel	1500*800*700mm	1500*800*700mm
Worktable Size	1700*800mm	1700*800mm
Worktable T-slot	18T*5*140	18T*5*140
Max. Load of Worktable	900kg	1200kg
Spindle Nose to Table	130~830mm	150-850mm
Spindle Center to Column	870 (860)mm	900 (870)mm
X/Y/Z Rapid Feedrate	24/24/20 (16)m/min	24/24/20 (16)m/min
Z-axis Counterweight	Standard	Standard
Ball Screw Size	XY: 40*12 Z: 50*10	50*10
Linear Guideways Width/Number of Sliders	X:45*3 / Y:45*2 (4 Guideway) Z:45*3 (1580Z: Box way)	X:45*3 / Y:45*2 (4 Guideway) Z:55*3 (1580HDZ: Box way)