

Complete

Machine Tools Pty Ltd

ZN SERIES VERTICAL DRILLING MACHINE



ZN5050B

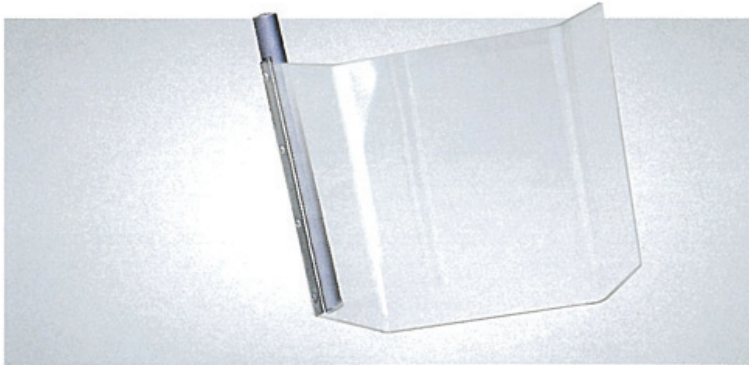


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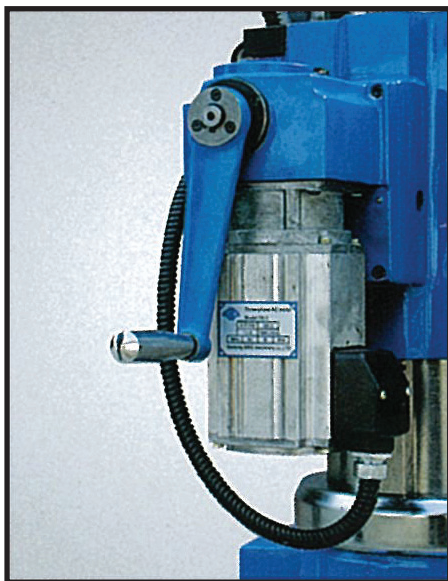
Column Type Vertical Drilling Machine



Fender



Depth gauge and tachometer (optional)



Lifting worktable by motor (optional)

- 3-phase
- Gear shift
- Work light
- Coolant system
- Mechanical feed is available for ZN5030B, ZN4030B, ZN5035B, ZN4035B, ZN5040B, ZN5050B; manual feed is available for ZN5025, ZN4025, ZN4030, ZN4035, ZN5030, ZN5032, ZN5035; electromagnetism clutch transmission feed is available for ZN4035A, ZN5035A, ZN5040A, ZN5050A
- Spindle box of ZN5025, ZN5030B, ZN5032 and Bench Drilling Machine can be moved up and down
- Worktable can be rotated and can be inclined $\pm 45^\circ$ (not including ZN5025, ZN5032 and Bench Drilling Machine)
- Superior quality of gears with hardened and lapped gears of surface
- Milling function is available for ZN5040B, ZN5040A, ZN5050B, ZN5050A (special order)
- Supply tachometer, depth gauge and elevating motor of ZN5040B, ZN5040A, ZN5050B, ZN5050A can be supplied as special order
- The model of machines with A is electromagnetism clutch transmission feed, B is mechanical feed, without A and B is manual feed

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Column Type Vertical Drilling Machine



ZN5025



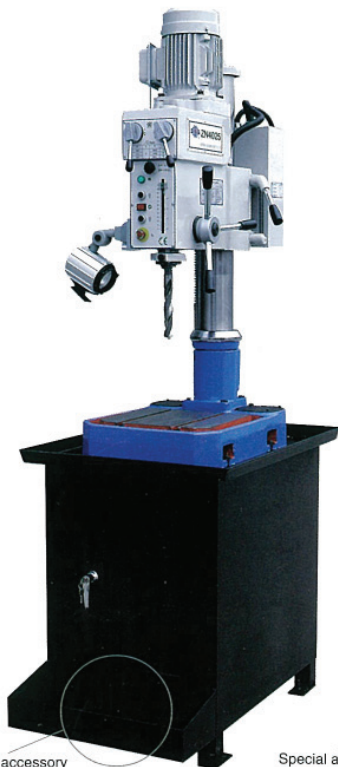
ZN5030



ZN5030B



ZN5032



ZN4025



ZN4035A



ZN5035B



ZN5040B

Type	Bench Drilling Machine			Column Type Vertical Drilling Machine					
Model	ZN4025	ZN4030/ ZN4030B	ZN4035/ ZN4035A/ ZN4035B	ZN5025	ZN5030/ ZN5030B	ZN5032	ZN5035/ ZN5035A ZN5035B	ZN5040A/ ZN5040B	ZN5050A/ ZN5050B
Max. drilling diameter (steel) and tapping diameter (mm)	Φ 25/M16	Φ30/M20	Φ35/M22	Φ25/M16	Φ30/M20	Φ32/M20	Φ35/M22	Φ40/M24	Φ50/M27
Max. travel of spindle (mm)	110	135	160	110	135	150	160	190	200
Max. distance from spindle to generating line of column (mm)	240	260	320	240	260	300	320	340	360
Max. distance between spindle end to the workable surface (mm)				630	670/685	800	585	665	590
Max. distance from spindle end to the surface of base workable (mm)	650	700	645	1100	1150/1165	1125	1140	1195	1175
Max. travel of spindle box	500	520	515	250	180 (ZN5030B)	270			
Max. travel of worktable and bracket/Manual (mechanical)				450	605/500	550	545	570(450)	530(410)
Swivel angle of spindle box			±45°						
Swivel angle of worktable					±45°		±45°	±45°	±45°
Spindle taper bore (MT)	3	3	4	3	3	4	4	4	4
Spindle speed steps	6	12	12	6	12	12	12	12	12
Spindle speed range (r/min)	125~2825	125~3030	125~3030	125~2825	125~3030	78~2500	125~3030	76~2065	52~1400
Spindle feed steps		3 (ZN4030B)	3 (ZN4035A/ ZN4035B)		3 (ZN5030B)		3 (ZN5035A/ ZN5035B)	3	4
Spindle feed range		0.1~0.3 (ZN4030B)	0.1~0.3 (ZN4035A/ ZN4035B)		0.1~0.3 (ZN5030B)		0.1~0.3 ZN5035A/ ZN5035B)	0.1~0.3	0.1~0.4
Dimension of worktable (mm)				350X400	420X350	π X 190 ²	500X420	520X440	580X460
Effective working area of worktable (mm)	310X320	335X340	400X360	310X320	335X340	365X415	400X360	405X395	445X435
Diameter of column (mm)	Φ95	Φ110	Φ120	Φ95	Φ110		Φ120	Φ140	Φ160
Power of motor (kW)	0.75	0.85/1.1	1/1.2	0.75	0.85/1.1	1/1.3/1.7	1/1.2	1.5	2.2
Machine dimension/ Net weight and gross weight (kg)	700X500 X1500 (280/310)	740X420 X1610 (310/350)	810X460 X1540 (340/370)	700X500 X1900 (320/350)	700X465 X2060 (350/380)	780X505 X1910 (420/465)	835X510 X1730 (430/475)	849X545 X2290 (565/615)	940X680 X2405 (620/675)
Mode of spindle feed	Manual	Manual/ Mechanical	Manual/ Mechanical/ Electromagnetism	Manual	Manual/ Mechanical	Manual	Manual/ Mechanical/ Electromagnetism	Mechanical/ Electromagnetism	Mechanical/ Electromagnetism