

## ZN5050A/B Column type of vertical drilling machine

Superior quality of gears with hardended and lapped gears of surface.

Gear shift

The model of machines with a is electromagnetism clutch trans

mission feed, with B mechanical feed, without A and B is manual feed

Spindle box of ZN5025,ZN5030B, ZN5032A could be moved up and down

With coolant system and fender device

Thin oil lubrication is available for drilling diameter 40mm, and 50mm, grease lubrication is available for others

Importable electrical components with CE,CSA and UL standard

Worktable could be rotated and could be inclined $\pm 45^{\circ}$

Type	Column type of vertical drilling machine	
Model	ZN5050A	ZN5050B
Max.drilling diameter.(steel) and tapping diameter (mm)	50/M30	
Max.travel of spindle (mm)	240	
Max. distance from spindle to generating line of column (mm)	380	
Max. distance between spindle end to the worktable surface (mm)	590	
Max. distance from spindle end to the surface of base worktable (mm)	1175	
Max.travel of spindle box (mm)		
Max. travel of wortable and bracket (mm)	530	
Swivel angle of worktable (mm)	$\pm 45^{\circ}$	
Spindle taper bore (MT)	4	
Spindle speed steps	12	
Spindle speed range (r/min)	52~2050	
Spindle feed steps	3	
Spindle feed range (mm/r)	0.12,0.23,0.40	

Dimension of worktable (mm)	600*500
Effective working area of worktable (mm)	445*435
Column diameter	180
Power of motor (kw)	2.2/2.8
Max. machine dimension (mm)/ Weight (kg)	1010*640*2350 (670/730)

***Special attachment***

***6-16mm collet***

***Milling cutter shank***

***Cross worktable***

***Collet shank***

***Nut for T-slot***

***Inner hexagon bolt***

***125mm precision vice***

***Rotation worktable***

***Accessories included in the machine***

***Shaft sleeve for taper shank tool***

***Key type drill chuck***

***Connecting bar for drill chuck***

***Wedge for taper shank tool double open end spanner***