

Z5125A,Z5132A, Z5140A Box Type Drilling Machine

Box type vertical drilling machine is universal general purpose machine used for drilling, reaming, spot facing, counter boring, boring and tapping operation etc. The automatic reversing function and inching feed make it very convenient for machining blind holes and hole depth setting. They boast high efficiency, high rigidity, high accuracy, low nose, centralized operation, full speed range and easy maintenance.

For model Z5163B and Z5180B, the base can be used as worktable. Thus, high workpiece can be machined with the main worktable dismantled.

Z5140B with fortified spindle can be used for boring operation directly. With centrifugal frictional clutch set in the main drive system, the reversing shock is minimized, functioning torque overload protection. This machine has the function of tool-withdrawal by push rod.

Main specification		Z5125A	Z5132A	Z5140A
Max.drilling dia.	mm	25	32	40
Max. feed resistance	N	9000	9000	16000
Max.permissible spindle torque	N.m	160	160	350
Power of main motor	kw	2.2	2.2	3
Throat distance (Distance from spindle center line to guideway surface)	mm	280	280	335
Spindle travel	mm	200	200	250
Spindle taper	no	3	4	4
Spindle box travel (manual)	mm	200	200	200
Spindle speed range(steps)	r/min	50-2000/9	50-2000/9	31.5-1400/12
Feed rates (steps)	mm/rev	0.056-1.8/9	0.056-1.8/9	0.056-1.8/9
Max.travel of worktable	mm	310	310	300
Max. worktable size	mm	550×400	550×400	560×480

Max. distance from spindle nose to worktable surface	mm	745	710	750
Overall dimension	mm	980x807x2340	980x807x2340	1090x905x2530
Net weight/gross weight	kg	950/1800	950/1800	1250/2050
Packing dimension	cm	242x108x132	242x108x132	266x112x144