

## **RADIAL DRILLING MACHINE**

**MODEL: SMI-Z30 SERIES**



### **FEATURES:**

◆ The radial drilling machine, model Z30 series, capable of drilling, counter-boring, boring, reaming, spot-facing, tapping and other similar utilities. It is widely used in manufacturing machinery, for processing small and medium size machinery parts and also suitable for being used in repairing. The machine was adopted strengthened type of spindle so that it can increase the rigidity of spindle and widens the scope of its' utility. The spindle has a wide range of turning speed and feeding speed, which make the operation more convenient and more precise. The dimension processed can be set up before working, this allow it stop feeding automatically and has more accuracy.



**SPECIFICATIONS:**

MODEL	Z3032Q×10	Z3040×12	Z3050Q×15	Z3063×20	Z3080×25
Max drilling diameter(mm)	32/25	40	50/45	63	80
Distance between spindle axis and column(mm) Max/Min	1000/300	1200/300	1500/350	2000/380	2500/500
Distance between spindle end face and Worktable surface (mm)Max/Min	810/300	1250/300	900/300	1500/280	2000/550
Spindle travel(mm)	160	210	315	410	450
Spindle taper(No.)	4#	4#	5#	5#	6#
Range of spindle speeds(r/min)	90-1800	80-1870	35-1600	25-1350	16-1250
Number of spindle feeds	8	8	12	16	16
Range of spindle feeds(mm/r)	0.08-0.30	0.10-0.30	0.10-0.30	0.04-3.20	0.04-3.20
Number of spindle feeds	3	3	3	16	16
Table size(mm)	370×350×300	550×350×350	600×450×45	660×630×500	1000×800×560
Travel of headstock(mm)	700	900	1150	1620	2000
Max. Travel of arm on column(mm)	650	650	650	580	1000
Main motor Power(kW)	0.85/1.1	2.4/3	2.4/3	5.5	7.5
lifting motor power(kW)	0.75	0.75	0.55	1.5	3
cooling pump motor(kW)	-	0.55	-	0.125	0.125
Net weight(kG)	1000	1500	2000	4600	11000
Overall dimensions (L×W×H) (mm)	1500×600×2100	1700×800×2200	2100×860×2280	2920×1250×2940	3730×1400×3795