

**SRDM** series



**Tilting table**



**Hydraulic type radial drilling machine**

**SRDM** series machines are suitable for drilling, boring, enlarging, reaming and tapering common parts.

**Features**

- High-strength cast iron or special steel is used for critical components.
- The parts and components are durable through first class heat treatment.
- The basic components are provided with stable precision through specialized processing.
- The hydraulic power can realize spindle variable speed flexibly on the safe side.
- Economic cutting is available for multi-step spindle rotation speed and feed.
- The hydraulic power can realize clamping and unclamping quickly on the safe side
- It is quick and convenient to operate under the mechanical, electrical and hydraulic control over the headstock.

### Technical specifications

Item	Unit	SRDM 3040X16	SRDM 3050X16	SRDM 3063X20	SRDM 3080X25	SRDM 30100X31	SRDM 30125X40	
Max. drilling diameter	mm	40	50	63	80	100	125	
Distance between spindle axis and column	Max.	mm	1600	1600	2000	2500	3150	4000
	Min.	mm	350	350	450	500	570	600
Distance between spindle axis and working surface of machine base	Max.	mm	1250	1250	1600	2000	2500	2500
	Min.	mm	350	350	400	550	750	750
Spindle travel	mm	315	315	400	450	500	560	
Spindle taper (Morse)	No.	4	5	5	6	6	Metric 80	
Range of spindle speed	r/min	25-2000	25-2000	20-1600	16-1250	8-1000	6.3-800	
Number of spindle speed	No.	16	16	16	16	22	22	
Range of spindle feeds	mm/rev	0.04-3.2	0.04-3.2	0.04-3.2	0.04-3.2	0.06-3.2	0.06-3.2	
Number of spindle feeds	No.	16	16	16	16	16	16	
Worktable dimensions	mm	630×500×500	630×500×500	800×630×500	1000×800×560	1250×800×630	1250×800×630	
Travel of spindle headstock	mm	1250	1250	1550	2000	2580	3400	
Max. torque of spindle	N.M	400	500	980	1568	2450	3136	
Power of main motor	kw	3	4	5.5	7.5	15	18.5	
Lifting distance of swing arm	mm	580	580	800	1000	1250	1250	
Weight of the machine	kgs	3500	3500	7000	11000	20000	28500	
Overall dimensions of the machine	mm	2500×1070× 2840	2500×1070× 2840	3080×1250× 3205	3730×1400× 3795	4660×1630× 4525	4960×2151× 4950	

### **Standard accessories**

1. Box table
2. Tool kit
3. Foundation bolts
4. Instruction manual
5. Coolant system
6. Working light
7. 380v/50hz/3ph

### **Optional accessories**

1. Collets chuck
2. Machine wise 200mm or 250mm
3. Tilting table