

SCDM series**Column Drilling Machine**

This model is featured in large travel with a wide range of processing capability. Be able to fulfill the tasks such as drilling, reaming. This model enjoys flexible speed adjustment method. To adjust the speed, simply open the top cover and loose the handle. The extraordinary performance of the manual feeding mechanism shall effectively reduce the cost of the production for the users. The stroke mechanism is another patent design, which combines the rig-adjusting and fine-adjusting, resulting in convenient operation and esthetic appearance

Features

1. two speeds strong power motor.
2. Automatic take out tools.
3. 2 steps power feed 0.1 - 0.2 mm/rev.
4. Drilling , tapping

Technical specifications

Specifications:	SCDM40A
Max. drilling capacity	40mm
Threading in steel & last iron	M20 & M24
Spindle travel	180 mm
Spindle taper	MT 4
Spindle power feed	2 steps / 0.1 -0.2 mm / rev
Spindle speed	50 – 1450 rpm
Width of T-solt	18mm
Max. distance from spindle axis to surface of column	350 mm
Max. distance from spindle end to surface of table	770 mm
Max. distance from spindle end to surface of table	1210
Table size	560 x 560
Base size	730 x 500
Motor power	0.85 / 1.5 kw
NW/GW	465kg / 615kg
Packing size (L x W x H)	2270 x 690 x 1100 mm

Standard accessories

1. Drilling chuck Ø3 – 16/B16
2. Taper shank for drilling chuck
3. Morse : no.04/B16
4. Oil gun
5. Wedge
6. Operation manual
7. Inspection record
8. Packing list
9. Taper varying diameter sleeve
10. Morse: No.3 No.4/No.2



Optional accessories:

1. Manual chuck 250mm/300mm/400mm
2. Machine wise 150mm/200mm/250mm/300mm



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Features

- New-designed pleasing appearance, compact construction, wide speed change range, easy to operate.
- Easy operation with its unique workable , and both motor-drive and manual-operated lifting device.
- The working table can be rotated 180 ° and can be tilted ± 45 ° also , it is reliable and easy job can be done .
- Equipped with coolant system and tapping mechanism.
- Equipped with shortcut and overload protection, its electric system with powerful spindle motor , it designed according to IEC standard.
- Characteristic protection device is safe and reliable.
- Ideal choice for single piece, small batch and mass production for drilling , counter boring , reaming, tapping , spot facing , etc.

Technical specifications

Specifications:	SCDM50B
Max. drilling capacity	50mm
Max. tapping capacity	M30mm
Diameter of column	180 mm
Spindle travel	220mm
Distance spindles axis to column generation line	360mm
Max. distance spindle nose to table	460mm
Max. distance spindle nose to table	1200mm
Spindle taper	MT4 or MT5
Spindle speeds range	42~2050r/min
Spindle speeds series	12
Spindle feeds	0.07,0.15,0.26,0.40mm/r
Dimension of worktable surface	550x470mm
Table travel	550mm
Overall height	2380mm
Main motor	
Coolant motor	40w
G.W/N.W	
Packing dimension (L x W x H)	1080x 620 x 2450 mm

Standard accessories

1. Drilling chuck Taper shank for drilling chuck
2. Arbor
3. Taper sleeve
4. Drift
5. Eyelet bolts
6. Wrench



Optional accessories:

1. Multi - spindles
2. Angle vice
3. Safety guard

