

RADIAL DRILL MACHINE



Technical Specification	MODEL NO			
	ORD – 1	ORD – 1.2	ORD – 1.5	ORD – 2
DRILLING CAPACITY IN STEEL	25 MM	32 MM	40 MM	50 MM
DRILLING CAPACITY IN CASTING	30 MM	35 MM	45 MM	55 MM
TAPPING CAPACITY IN CASTING	20 MM	25 MM	25 MM	30 MM
MAXIMUM DISTANCE FROM SPINDLE TO COLUMN	24"	32"	36"	48"
MINIMUM DISTANCE FROM SPINDLE TO COLUMN	10"	12"	12"	18"
MAXIMUM DISTANCE FROM SPINDLE TO BASE PLATE	30"	34"	40"	50"
DIAMETER OF COLUMN	5.1/2"	7"	9"	10"
NO. OF SPINDLE SPEEDS	4 + 4 = 8	3 + 3 = 6	3 + 3 = 6	3 + 3 = 6
RANGE OF SPINDLE SPEEDS	80-700 RPM	80-700 RPM	50-760 RPM	40-750RPM
WORKING SURFACE OF BASE PLATE	9"	11"	12"	15"
TRAVEL OF SPINDLE	6"	8"	9"	12"
SPINDLE MORSE TAPER NO.	3	4	4	5
VERTICAL ADJUSTMENT OF ARM	15"	18"	21"	24"
OVER ALL HEIGHT	60"	70"	80"	90"
ARM TILT ANY ANGLE UPTO	90"	90"	90"	90"
FLOOR SPACE REQUIRED	36" * 21"	44" * 25"	55" * 30"	61" * 32"
ELETRICALS MOTOR REQUIRED	1 H.P.	2 H.P.	3 H.P.	5 H.P.

ALL GEARED RADIAL DRILL MACHINE



Technical Specification	MODEL NO						
	OARD – 40B	OARD – 40C	OARD – 50B	OARD – 50C	OARD – 65B	OARD – 75B	OARD – 85B
DRILLING CAPACITY IN STEEL	40 MM	40 MM	50 MM	50 MM	65 MM	75 MM	85 MM
DRILLING CAPACITY IN CASTING	50 MM	50 MM	60 MM	60 MM	75 MM	85 MM	95 MM
DRILLING DEPTH	180 MM	180 MM	225 MM	250 MM	325 MM	355 MM	400 MM
TAPER SPINDLE NOSE SOCKET	MT – 4	MT – 4	MT – 5	MT – 5	MT – 5	MT – 6	MT – 6
NO. OF SPINDLE SPEEDS	6	12	9	12	12	12	12
RPM RANGE	55 – 665	56 – 1000	45 – 750	45 – 1000	18 – 810	18 – 810	16 – 1250
NO. OF SPINDLE FEED/RANGE	3	3	3	6	6	6	6
DRILL POWER	1.5 KW (2 H.P)	2.2 KW (3H.P)	2.2 KW (3H.P)	3.7 KW (5H.P)	3.7 KW (5H.P)	5.5 KW (7.5H.P)	7.5 KW (10 H.P)
DRILLING RADIUS MAX.	1050 MM	1050 MM	1100 MM	1300 MM	1700 MM	1900 MM	2200 MM
DRILLING RADIUS MIN.	375 MM	375 MM	450 MM	450 MM	500 MM	600 MM	650 MM
DRILLING HEAD TRAVERSE	675 MM	675 MM	650 MM	850 MM	1200 MM	1300 MM	1550 MM
DISTANCE BASE PLATE TO SPINDLE MAX.	1000 MM	1000 MM	1300 MM	1300 MM	1500 MM	1750 MM	1800 MM
DISTANCE BASE PLATE TO SPINDLE MIN.	225 MM	225 MM	225 MM	325 MM	300 MM	400 MM	550 MM
DIAMETER OF COLUMN SLEEVE	255 MM	255 MM	310 MM	310 MM	355 MM	405 MM	450 MM
WORKING SURFACE OF BASE PLATE	900 X 680	900 X 680	920 X 830	1120 X 830	1500 X 1020	1850 X 1160	2130 X 1300
ARM ELEVATOR MOTOR	0.75 KW(1H.P)	0.75 KW(1H.P)	1.5 KW (2H.P)	1.5 KW (2H.P)	2.2 KW (3H.P)	3.7 KW (5H.P)	3.7 KW (5H.P)
STANDARD BOX TABLE	400 x 350 x 350	550 x 420 x 420	550 x 420 x 420	550 x 420 x 420	600 x 500 x 500	600 x 500 x 500	1000 x 750x500

STANDARD ACCESSORIES: -

1. BOX TABLE
2. ELECTRIC MOTORS
3. LIMIT SWITCHES
4. COOLANT PUMP
5. ELECTRICAL CONTROL PANEL

OPTIONAL ACCESSORIES: -

1. TILTING TABLE
2. MACHINE VICE
3. BORING ATTACHMENT
4. TAPPING ATTACHMENT
5. ELECTRO HYDRAULIC CLAMPING

PILLAR DRILL MACHINE



Technical Specification	MODEL NO				
	OMPD – 26	OMPD – 30	OMPD – 40	OMPD – 50	OMPD – 64
Drilling capacity in mild steel	13 MM	15 MM	20 MM	25 MM	32 MM
Pillar diameter	46.5 mm	58.5 mm	62.5 mm	80 mm	90 mm
Spindle nose to table distance	330 mm	482 mm	430 mm	710 mm	710 mm
Distance from spindle center to pillar surface	151 mm	177 mm	217 mm	259 mm	259 mm
Table travel	215 mm	305 mm	381 mm	485 mm	885 mm
Taper in spindle	1/2" drill	MT 2	MT 2	MT 3	MT 4
Number of speed	4 speed	4 Speed	8 Speed	8 Speed	8 Speed
Spindle travel	75 mm	90 mm	120 mm	155 mm	155 mm
Pillar length	690 mm	840 mm	990 mm	1450 mm	1450 mm
Overall height with pulley guard	1420 mm	1143 mm	1295 mm	1840 mm	1840 mm
V-belt section	A	A	A	B	B
Weight (approx.)	40 kg.	60 kg.	125 kg.	180 kg.	185 kg.
Ram diameter(mm)	49.5 mm	495 mm	58 mm	64 mm	64 mm
Motor 1440 rpm 3 phase 440 volts	0.5 H.P.	0.5 H.P.	1 H.P.	1 H.P.	1.5 H.P