

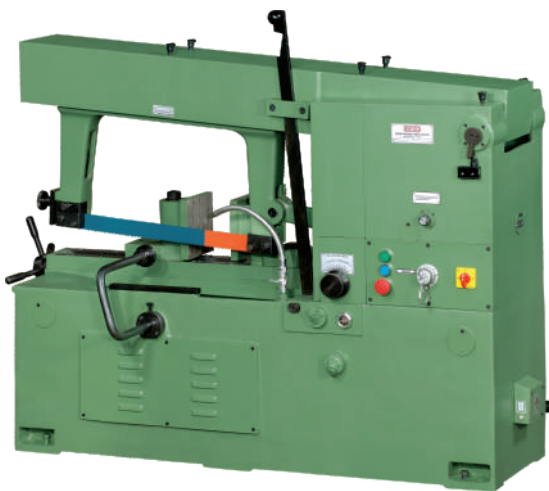


**DRILLING MACHINE**



**RADIAL DRILLING MACHINE**

# **EIFCO Machine Tools (P) Ltd.**



**HYDRAULIC HACKSAW MACHINE**



**GEAR HOBGING MACHINE**



**DRILLING MACHINE**  
BDM / GT



**DRILLING MACHINE**  
BDM / HD



**DRILLING MACHINE**  
BDM / MD & BDM / LD

## SPECIFICATIONS

(All dimensions are in mm)

Model	Bench BDM/GT	Bench BDM/HD	Bench BDM/MD	Bench BDM/LD
Drilling capacity in steel	20	20	13	13
Tapping capacity in steel	M 12	--	--	--
Morse taper in spindle	2	2	1	J6 Arbor type
Spindle traverse	125	125	100	100
Vertical adjustment of spindle head	425	425	425	425
Pillar diameter	76.2	76.2	57.15	57.15
Distance between centre of spindle and column Front	200	200	149	149
Max. distance between spindle and table	300	300	300	300
Max. distance between spindle and base	600	600	500	500
Table Working surface	370 dia. (With coolant gutter)	370 dia. (With coolant gutter)	200 x 200 (With coolant gutter)	200 x 200 (With coolant gutter)
Base Working surface	385 x 375	385 x 375	180 x 210	180 x 210
No. of spindle speeds	10	5	4	4
Range of spindle speeds (rpm)	100-142-210-310-450-600 852-1260-1860-2700	375-700-1170-1900-3220	480-820-1320-2080	480-720-1080-1590
Feed	Hand	Hand	Hand	Hand
Power of the spindle drive motor	0.75kW / 1HP 1400 rpm 415 V AC, 3Ph 50 Hz	0.75kW / 1HP 1400 rpm 415 V AC, 3Ph 50 Hz	0.37kW / 0.5HP 1425 rpm 415 V AC, 3Ph 50 Hz	0.37kW / 0.5HP 1425 rpm 415 V AC, 3Ph 50 Hz
Space Occupied ( L x B x H )	790 x 440 x 1370	790 x 440 x 1250	550 x 340 x 1100	650 x 340 x 1100
Net Weight	220 Kg	210 Kg	105 Kg	105 Kg

**Note : Pedestal models are also available. Machines can also be supplied in Gang version.**



**HIGH SPEED SENSITIVE DRILLING MACHINE**  
BDM / RC



**SLOTING MACHINE**  
ESM / 105

## SPECIFICATIONS

(All dimensions are in mm)

Model	Bench BDM/RC
Drilling capacity in steel	6 or 10 or 13
Morse taper in spindle	J2 - J6 (Arbor Type)
Spindle traverse	76
Vertical adjustment of spindle head	200
Pillar diameter	100
Distance between centre of spindle and Column Front	254
Distance between centre of spindle and Base Flange	200
Min. distance between chuck and base	90
Max. distance between chuck and base	290
Base Working surface	255 x 305
No. of spindle speeds	6
Range of spindle speeds (rpm)	1200-1700-2400-3390-4800-6790 or 825-1335-2120-3910-6615-10000-14000
Feed	Hand
Power of the spindle drive motor	0.6kW / 0.8HP 2860 rpm 415V AC, 3 phase, 50 Hz
Space Occupied ( L x B x H )	1000 x 450 x 850
Net Weight	190 Kg
<b>Note : Machines can also be supplied in Gang version.</b>	

Model	ESM/105
Stroke ( Maximum)	105
No. of stroke of ram per minute (3 Changes)	55 - 85 - 115
Ram & Table: Maximum	300
Ram & Table: Minimum	10
Cutting tool and column	200
Dia of table	250
Table: Right & Left shifting distance	250
Forward & Backward shifting distance	125
Up & Down shifting distance	275
<b>Least Count</b>	
Rotary Table One Division	10 minutes
Up and Down One Division	0.05
Cross and longitudinal movement One Division	0.1
Motor	1HP 1400 rpm
Net Weight	700 Kg



**DRILLING MACHINE**  
P2 / 25 / GT



**DRILLING MACHINE**  
P2 / 25 / GTA AUTO FEED



**DRILLING MACHINE**  
P4 / 38 AUTO FEED

## SPECIFICATIONS

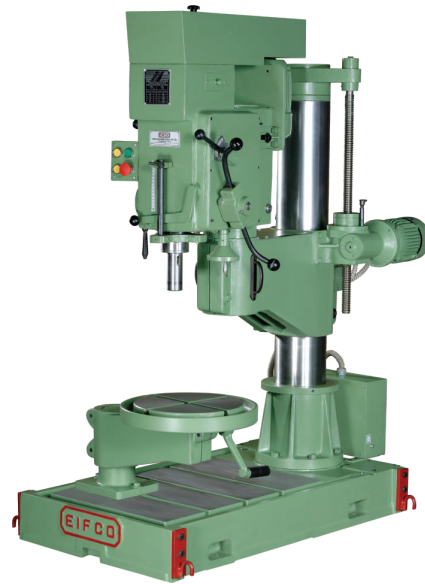
(All dimensions are in mm)

Model	P2/25	P2/25/GT	P2/25/GTA	P4/38
Drilling capacity in steel	25	25	25	38
Tapping capacity	-	M16	M16	M22
Morse taper in spindle	3	3	3	4
Spindle traverse	140	140	140	178
Pillar diameter	120	120	120	139.7
Distance between centre of spindle and pillar Front	260	260	260	311
Max. distance between spindle and table	610	610	610	555
Max. distance between spindle and base	1080	1080	1080	1000
Table Working surface	335 dia.	335 dia.	335 dia.	370 dia.
Table Working surface (Manual)	470	470	485	465
Base Working surface	318 x 300	318 x 300	318 x 300	370 x 330
No. of spindle speeds	5	10	10	5
Range of spindle speeds (rpm)	400-520-675-880-1142	100-142-210-310-450 600-852-1260-1860-2700	100-142-210-310-450 600-852-1260-1860-2700	170-250-360-490-680
Feed	Hand	Hand	Auto Feed	Auto Feed
No. of power feeds	--	--	3	3
Range of power feeds (mm/rev)	--	--	0.1 - 0.2 - 0.3	0.095 - 0.190 - 0.285
Power of the spindle drive motor	0.75kW / 1HP 1400 rpm 415V AC, 3 Ph 50 Hz	0.75kW / 1HP 1400 rpm 415V AC, 3 Ph 50 Hz	1.5kW / 2HP 1400 rpm 415V AC, 3Ph 50 Hz	1.5kW / 2HP 1400 rpm 415V AC, 3Ph 50 Hz
Space Occupied ( L x B x H )	850 x 600 x 1875	850 x 600 x 1975	850 x 600 x 2080	1100 x 640 x 2200
Net Weight	360 Kg	420 Kg	610 Kg	850 Kg

**Note : Machines can also be supplied in Gang version.  
Tapping arrangement optional.**



**RADIAL DRILLING MACHINE**  
RDH/325



**RADIAL DRILLING MACHINE**  
RDH/A/325 AUTO FEED

## SPECIFICATIONS

(All dimensions are in mm)

Model	RDH/325	RDH/A/325
Drilling capacity in steel	25	30
Morse taper in spindle	3	3
Spindle traverse	140	140
Feed	Hand	Auto Feed
No. of auto feeds	--	3
Range of power feeds (mm/rev)	--	0.1 - 0.2 - 0.3
No. of spindle speeds	10	10
Range of spindle speeds (rpm)	100-142-210-310-450 600-852-1260-1860-2700	100-142-210-310-450 600-852-1260-1860-2700
Power of the spindle drive motor	1HP 1425 rpm 415 V AC, 3 Ph 50 Hz	1.5kW / 2HP 1440 rpm 415 V AC, 3 Ph 50 Hz
Drilling Radius Max. / Min.	775 / 265	770 / 580
Diameter of pillar (Material - Cast Iron)	140	180
Distance between spindle Nose and base Max. / Min.	835 / 310	1065 / 500
Distance between base and circular table	315	315
Table Working surface	330 dia.	335 dia.
Base Working surface	750 x 530	750 x 490
Power of lifting motor	--	0.75 kW 1HP 2860 rpm 415 AC, 3 PH 50 Hz
No. of 'T' Slots	3	3
Centre Distance between 'T' Slots	200	200
Space Occupied ( L x B x H )	1170 x 660 x 1670	1350 x 660 x 2080
Net Weight	600 Kg	850 Kg

**Note : Tapping arrangement optional.**



### DOUBLE ENDED HEAVY DUTY GRINDERS

## SPECIFICATIONS

(All dimensions are in mm)

MODEL	MG - 10	MG - 12	MG - 14	MG - 16	MG - 18	MG - 20	MG - 24
<b>Size of Grinding Wheel :</b>							
For <b>Vitrified</b> Bond	250 x 25 x 31.75	300 x 40 x 50.8	350 x 50 x 50.8	400 x 50 x 127	450 x 50 x 50.8	500 x 75 x 203.2	600 x 75 x 203.2
For <b>Resinoid</b> Bond	-----	300 x 40 x 50.8	350 x 50 x 50.8	400 x 50 x 152.4	450 x 50 x 50.8	500 x 75 x 203.2	600 x 65 x 203.2
Wheel Centre distance	645	645	745	745	1280	1280	1280
Base to centre line of spindle	860	860	860	860	860	860	860
Diameter of spindle bearings	35	35	40	40	50	50	50
<b>Power of Motor :</b>							
For <b>Vitrified</b> Bonded wheels	1 HP	2 HP	3 HP	5 HP	5 HP	5 HP	7.5 HP
For <b>Resinoid</b> Bonded wheels	-----	3 HP	5 HP	7.5 HP	7.5 HP	7.5 HP	10 HP
No. of Motor	-----	-----	-----	-----	2	2	2
Speed of Motor (rpm)	1400	1400	1440	1440	1440	1440	1440
No. of Speeds	-----	-----	-----	-----	2	2	3
<b>RPM of Grinding Wheels</b>							
For <b>Vitrified</b> Bonded wheels	2292	1910	1637	1432	1273 & 1637	1146 & 1432	955, 1146 & 1432
For <b>Resinoid</b> Bonded wheels	-----	2864	2455	2148	1910 & 2455	1719 & 2149	1433, 1719 & 2149
Net Weight	400 Kg	410 Kg	550 Kg	580 Kg	1000 Kg	1100 Kg	1150 Kg
Space Occupied (L x B x H)	745 x 565 x 1030	770 x 565 x 1050	870 x 695 x 1065	890 x 695 x 1095	695 x 1410 x 1130	720 x 1425 x 1155	785 x 1425 x 1220
Electricals	415V AC, 3 Ph, 50 Hz						



## HYDRAULIC HACKSAW MACHINE

HP 200 / HP 300



## SPECIFICATIONS

(All dimensions are in mm)

Model	HP 200	HP 300
Max. Diameter	200	300
Max. Square	175	250
Stroke length (non adjustable)	140	160
No. of speed strokes	3	3
Range of speed strokes (per minute)	80 - 100 - 125	80 - 100 - 125
Blade size	400 x 32 x 1.6	525 x 45 x 2.25
Power of main motor	0.75 kW, 415 V, 3 Ph, 50 Hz	1.5 kW, 415 V, 3 Ph, 50 Hz
Power of coolant motor	0.09 kW	0.09 kW
Space occupied (L x B x H)	1175 x 820 x 1150	1600 x 800 x 1350
Net Weight	500 Kg	600 Kg

## SPECIFICATIONS

(All dimensions are in mm)

MODEL	BC 540
Drilling capacity in steel ( 60 Kg/mm <sup>2</sup> )	50
Drilling capacity in cast iron	60
Tapping capacity in steel	M 39
Tapping capacity in cast iron	M 48
Morse taper in spindle	MT 5
Spindle traverse on vertical	280
Vertical adjustment of spindle head	280
Distance between spindle and upright	355
Number of spindle speeds	12
Range of spindle speeds (rpm)	32 - 1400
Number of power feeds	9
Range of feeds (mm/rev)	0.11 - 1.73
Power of main motor	5 / 7.5HP, 720 / 1440 rpm 415 V, AC, 3 Ph, 50 Hz
Power of elevating motor	1HP, 1400 rpm, 415 V, AC, 3 Ph, 50 Hz
<b>Table</b>	
Table with Coolant Gutter	650 x 780
Working Surface	500 x 630
No. of 'T' slots	3
Width of 'T' slots	18
Distance between 'T' slots	160
Max. Distance between spindle & table	750
<b>Base</b>	
Base with Coolant Gutter	1150 x 630
Working surface	490 x 530
No. of 'T' slots	2
Width of 'T' slots	18
Distance between 'T' slots	315
Max. Distance between spindle & base	1200
Space Occupied (L x B x H)	1600 x 770 x 3000
Net Weight	1700 Kg

## BOX COLUMN DRILLING MACHINE

BC 540 AUTO FEED



## GEAR HOBBIING MACHINE

HM 6



## SPECIFICATIONS

(All dimensions are in mm)

MODEL	HM 6
<b>CAPACITY</b>	
Max. Module	6
Max. dia. of gear	700
Min. Number of teeth	6
<b>HOB SADDLE</b>	
Max. Travel	290
Max. for 15° Helix angle	150
Max. for 30° Helix angle	150
Max. for 45° Helix angle	110
<b>HOB HEAD</b>	
Setting for Helical gears	± 45°
<b>HOB ARBOR</b>	
Diameter	27
Mounting Taper	MT 4
Centre distance between Hob Arbor and Work Arbor Min. / Max.	50 / 370
Distance between Table surface to Centre of Hob Arbor Min. / Max.	160 / 450
<b>HOB CUTTER SIZE</b>	
Max. Diameter	120
Max. Length	127
Max. Hob Shift (Manual)	40
<b>WORK TABLE</b>	
Diameter	560
Bore	80
<b>WORK ARBOR</b>	
Mounting Taper	MT 5
Max. Length of job Over the Work Arbor Housing	490
Through the Table Bore	1000
<b>SPEEDS AND FEEDS</b>	
Number of Hob spindle speeds	8
Range of spindle speeds (rpm)	34 to 213
Number of vertical Feeds	11
Range (Per rev. of table)	0.5 to 3
<b>POWER</b>	
Main Drive Motor	2.2 kW
Rapid Traverse Motor	0.75 kW
Coolant Motor	0.09 kW
Net Weight	3000 Kg



## GANG DRILLING MACHINE

**Note :**  
6 to 38mm Capacity heads can be integrated in the Gang Drilling machines.

100% Customization is possible.

Manufactured by

**EIFCO MACHINE TOOLS PRIVATE LIMITED**

240, Mettupalayam Road, Coimbatore - 641 043, INDIA.

Phone : 0422 - 2442127, 6530318, 6530325

E-mail : [contact@eifcomachinetools.com](mailto:contact@eifcomachinetools.com) Web : [www.eifcomachinetools.com](http://www.eifcomachinetools.com)

