

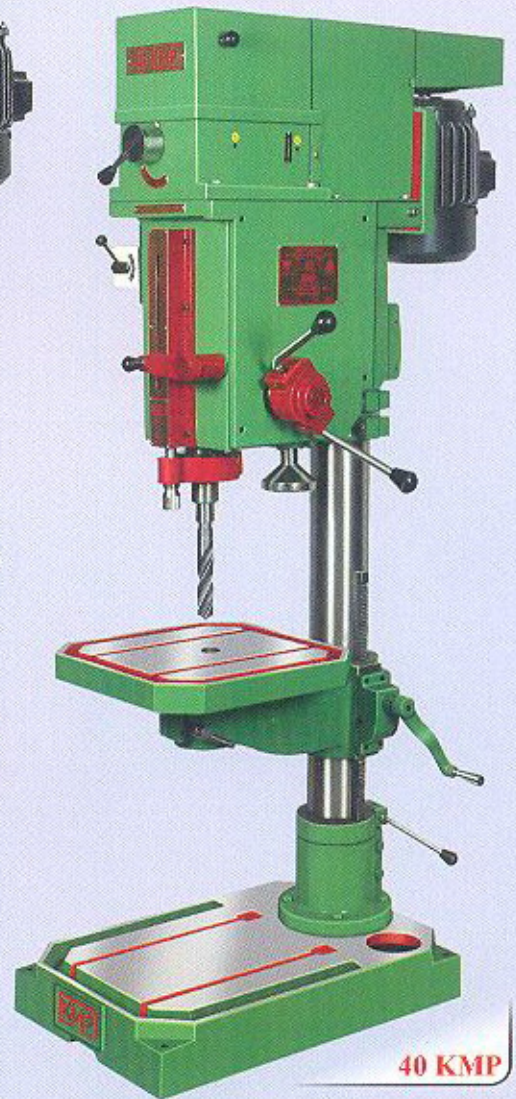
If it's **KMP**[®]
it's Better Engineered



13 KSR



13 KSR (NEW)



40 KMP

drilling

MACHINE



Bench type & Pillar Drilling Machine available in various Models.

TECHNICAL SPECIFICATIONS & GENERAL DIMENSIONS

All Dimensions are in mm.

MODEL NO.	13 KS	13 KSR	13 HS	13 HSR	13 KSR (NEW)	40 KMP
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CAPACITY

Drilling Capacity in Steel	13	13	13	13	13	40
Tapping Capacity in Steel	-	-	-	-	-	25

SPINDLE

Spindle Travel	80	80	80	80	105	200
Spindle Taper	Solid	Solid	MT-1	MT-1	Solid	MT-4
No. of Spindle Speed	04	04	04	04	04	08
Range of Spindle Speed	500-2825	500-2825	500-2825	500-2825	500-2825	90-1690

WORKING RANGE

Column Diameter	46.80	46.80	46.80	46.80	46.80	112.60
Max. Distance between Spindle Centre to Column Face	152	152	152	152	180	270
Max. Distance between Spindle Nose to Working Table	280	280	280	280	265	445
Max. Distance between Spindle Nose to Base Plate	495	495	495	495	475	885

GENERAL

Size of Square Table	Dia. 205	210 x 215	Dia. 205	210 x 215	235 x 235	418 x 418
Size of Base Plate	235 x 360	235 x 360	235 x 360	235 x 360	265 x 385	465 x 690
Electric Motor	3 Phase 0.5 H.P. 1440 RPM	3 Phase 0.5 H.P. 1440 RPM	3 Phase 0.5 H.P. 1440 RPM	3 Phase 0.5 H.P. 1440 RPM	3 Phase 0.5 H.P. 1440 RPM	3 Phase 1.5 H.P. 1440 RPM
'V'-Belt Size	M-2360	M-2360	M-2360	M-2360	M-2370	B-54
Net Weight of Machine in Kgs.	44	48	44	48	58	440
Overall Dimensions of Machine H x W x L	750 x 335 x 375	750 x 335 x 375	750 x 335 x 375	750 x 335 x 375	800 x 350 x 570	1830 x 550 x 930
Wooden Case Dimensions H x W x L	800 x 385 x 425	800 x 385 x 425	800 x 385 x 425	800 x 385 x 425	850 x 400 x 625	1900 x 600 x 1000

STANDARD ACCESSORIES

- + Motor Pulley
- + Drill Drift

EXTRA ACCESSORIES

- + Electric Motor
- + 'V'-Belt
- + Reversible Switch
- + Drill Chuck-Arbour etc.

ALSO AVAILABLE

- + 19 to 38 mm. Capacity Pillar Drilling Machine.
- + 5 & 12 mm. Capacity Tapping Machine.
- + 6 mm. Capacity High Speed Drilling Machine.
- + 32 mm. Capacity All geared, Autofeed Pillar Drilling Machine.
- + 38 & 40 mm. Capacity All geared, Autofeed & Finefeed Radial Drilling Machine.
- + 100, 175 & 225 mm. Stroke Slotting Machine.



ABRASIVE BELT & DISC SANDER

Model : KMBS-150

TECHNICAL SPECIFICATIONS

Table Size	: 290 x 150 mm
Belt Size	: 1220 x 150 mm
Base Plate Size	: 350 x 215 mm
Table Tilt	: 45°
Disc Diameter	: 235 mm
Electric Motor	: 3 Phase, 1 HP, 1440 RPM

'KMP' Abrasive Belt & Disc Sander machine is fine example of single compact unit and sound workmanship with highly precision and highspeed sander. Abrasive belt can operate Vertically & Horizontally at any angle. It contains belt tracking system, Tilting table and Back stop.

The said machine can be used for operations like Finishing, Sanding, Surfacing, Polishing, Deburring, Lapping, Cleaning etc. and is used by industries like Bearing, Wooden, Plastic & Leather Industry etc.

STANDARD ACCESSORIES

- + Motor Pulley
- + Back Table
- + Side Disc

EXTRA ACCESSORIES

- + Abrasive Belt
- + Disc Abrasive Paper
- + Electric Motor, Switch & 'V' Belt
- + Machine's Stand

K. M. Panchal & Co. reserves the rights to make any changes in the design, technical specifications & dimensions.



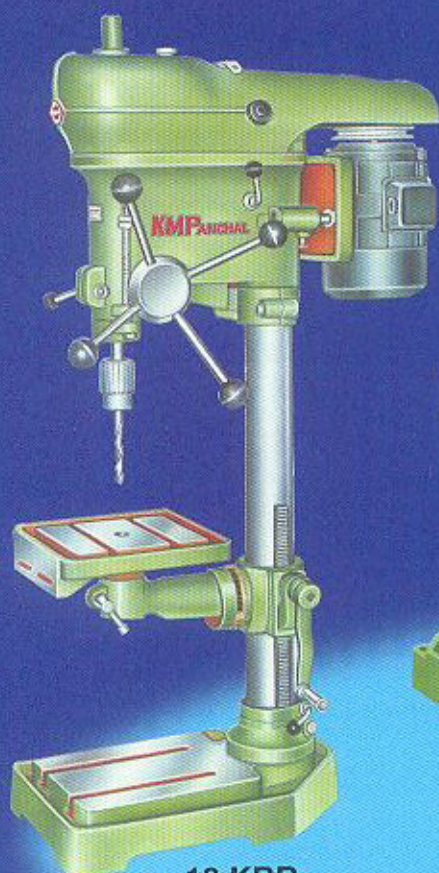
Manufactured By

K.M.Panchal & Co.
AHMEDABAD - 380 004, GUJARAT, INDIA
Website : www.kmpanchal.com

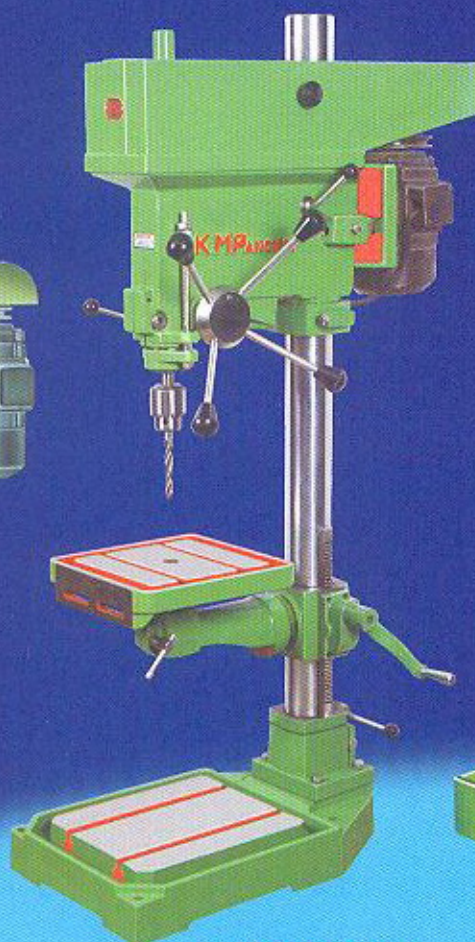
Authorised Dealer



DRILLING MACHINE



19 KBR



19 KCR (New)



38 TPD

Unbeatable Range

19 mm Cap. Pillar Drilling Machine available in various models.

TECHNICAL SPECIFICATION & GENERAL DIMENSIONS

All Dimensions in mm.

MODEL NO.	19 KFB	19 KBR	19 KCR	19 KCR-NEW	19 KPR	32 TPD	38 TPD
CAPACITY							
Drilling Capacity in Steel	19	19	19	19	19	32	38
Drilling Capacity in C. I.	22	22	22	22	22	35	40
Tapping Capacity in Steel	16	16	16	16	16	25	25
SPINDLE							
Spindle Travel	125	125	125	150	125	175	175
Spindle Taper	MT-2	MT-2	MT-2	MT-2	MT-2	MT-3	MT-4
No. Of Spindle Speed	4	8	8	8	8	8	8
Range of Spindle Speed	585-3328	86-3360	86-3360	86-3360	86-3360	80-2600	80-2600
WORKING RANGE							
Column Diameter	73.80	73.80	73.80	73.80	73.80	112.60	112.60
Max. Distance between Spindle Centre to Column Face	200	200	200	225	200	270	270
Max. Distance between Spindle Nose to Working Table	365	365	665	590	975	595	595
Max. Distance between Spindle Nose to Base Plate	635	635	935	900	1235	1035	1035
GENERAL							
Size of Square Table	270 x 270	270 x 270	270 x 270	270 x 270	270 x 270	Dia. 395	Dia. 395
Size of Base Plate	550 x 315	550 x 315	550 x 315	530 x 340	550 x 315	690 x 460	690 x 460
Electric Motor	TEFC 3Ph - 1 H.P. 1440 RPM	TEFC 3Ph - 1 H.P. 1440 RPM	TEFC 3Ph - 1 H.P. 1440 RPM	TEFC 3Ph - 1 H.P. 1440 RPM	TEFC 3Ph - 1 H.P. 1440 RPM	TEFC 3Ph - 1.5 H.P. 960 RPM	TEFC 3Ph - 1.5 H.P. 960 RPM
V-Belt Size	A-43	A-43	A-43	A-44	A-43	B-57	B-57
Net Weight of Machine in Kgs.	80	99	110	125	130	335	335
Overall Dimensions of Machine	1000 x 675 x 425	1000 x 675 x 425	1300 x 675 x 425	1300 x 720 x 450	1575 x 675 x 425	1760 x 730 x 560	1760 x 730 x 560
Wooden Case Dimensions	1050 x 725 x 475	1050 x 725 x 475	1350 x 725 x 475	1350 x 770 x 500	1625 x 725 x 475	1810 x 780 x 610	1810 x 780 x 610

Shree Shakti Vijay Engineering Works reserves the rights to make any necessary changes in the design, technical specifications & dimension.

STANDARD ACCESSORIES

- Motor Pulley
- Drill Drift

EXTRA ACCESSORIES

- Electric Motor
- V- Belt
- Reversible Switch
- Drill Chuck-Arbour

ALSO AVAILABLE

- 13 to 40 mm Cap. Pillar Drilling Machine.
- 5 & 12 mm Cap. Tapping Machine.
- 6 mm Cap. High Speed Drilling Machine.
- 32 mm Cap. All geared, Autofeed Pillar Drilling Machine.
- 38 & 40 mm Cap. All geared Autofeed Radial Drilling Machine.
- 100, 175 & 225 mm Stroke Slotting Machine.
- 150 mm Abrasive belt & Disc Sander Machine.



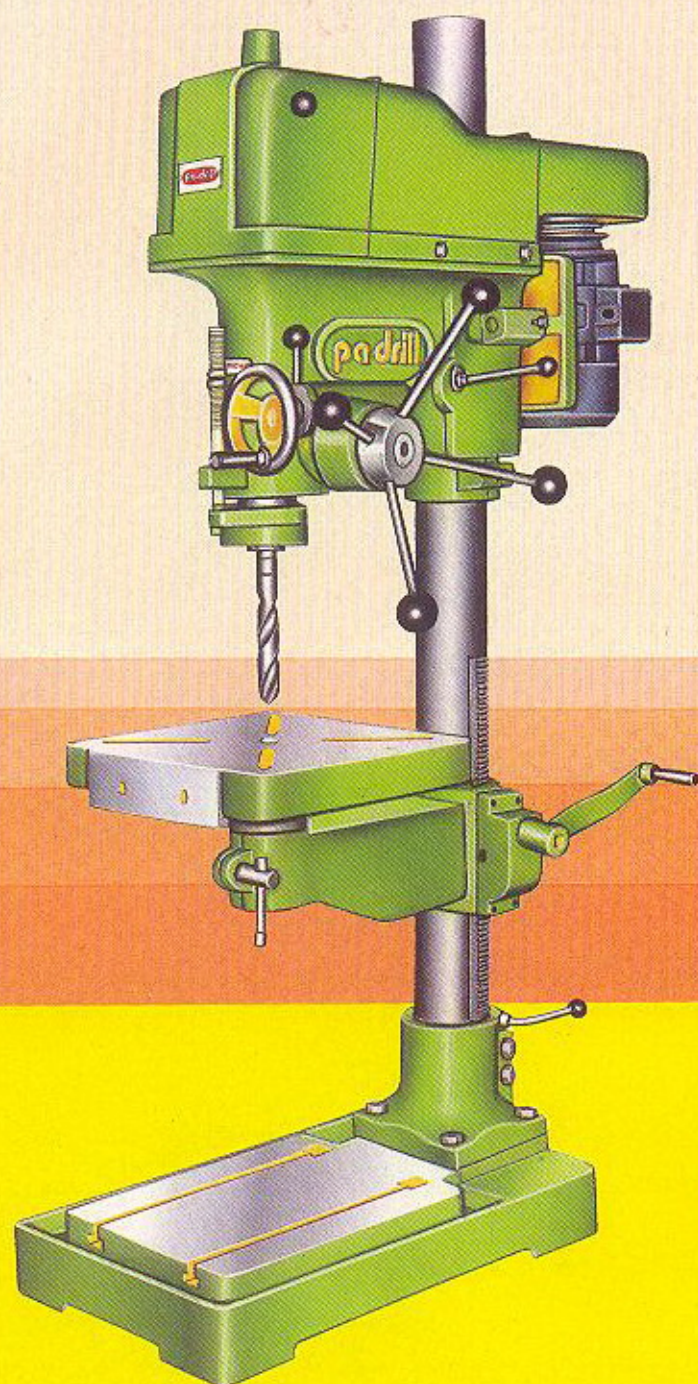
Manufactured By

SHREE Shakti Vijay
ENGINEERING WORKS

AHMEDABAD - 380 004.
GUJARAT, INDIA

Authorised Dealer

Born.. Accurate



Model 25 PPD

pa-drill

PILLAR DRILLING MACHINE
(with fine feed)



25 mm Cap. Pillar drilling Machine Model-25 PPD (with fine feed)

SALIENT FEATURES

- ◆ Stream lined design, Compact construction
- ◆ Wide Range of Spindle Speeds
- ◆ Easy back gear engagement gives Slow Speed range, Facilities tapping
- ◆ Gun metal bushes are provided in gear set in model no. 19/378 ICR
- ◆ A fine feed arrangement for boring work
- ◆ Special type Spindle is to be supplied on request to do milling work on using compound slide

TECHNICAL SPECIFICATIONS

MODEL	25 PPD	25/300 PPD	25/378 PPD	19/378 ICR
Capacity	m.m.	m.m.	m.m.	m.m.
Drilling in Steel	25	25	25	19
Drilling in C.I.	30	30	30	22
Tapping in steel	20	20	20	14
Spindle				
Spindle travel	150	300	200	130
Spindle taper	MT-3	MT-3	MT-3	MT-2
No. of spindle speeds	8	8	8	8
Range of spindle speeds	115-2820	115-2820	115-2820	86-3360
Working Range				
Max. dist. between spindle centre to column face	255	225	378	378
Max. dist. between spindle nose to base plate	1060	890	1000	980
Max. dist. between spindle nose to table	655	470	600	585
Diameter of column	87	87	87	87
General				
Working surface of base plate	580x375	580x375	580x375	580x375
Working surface of table	350x350	350x350	395x395	395x395
Electric motor required of H.P./RPM	1 H.P./1440RPM	1 H.P./1440RPM	1 H.P./1440RPM	1 H.P./1440RPM
Overall dimension of machine	1770x650x470	1770x650x470	1770x725x395	1400x750x400
Nett. weight of machine	228 kg.	240 kg.	300 kg.	205 kg.
Belt size	A-52	A-52	A-60	A-58
Shipping dimension	1950x750x520	1950x750x520	1950x750x520	1500x800x450

SPECIFICATION MAY BE CHANGED WITHOUT PRIOR NOTICE IN CASE OF DESIGN MODIFICATION

ALSO ASK FOR ALL TYPES OF PILLAR DRILLING MACHINE

STANDARD ACCESSORIES

Motor Pulley, Drill Drift

EXTRA ACCESSORIES

Electric Motor, 'V' belt, Reversible Switch, Drill chuck

Manufactured by :

PADMAVATI ENGINEERING WORKS

AHMEDABAD-380 004 (INDIA)

Authorised dealer :

Dipawali Surprise

powermatic

Introduce New

**RADIAL
DRILLING MACHINE**



Model : 25PRD

TECHNICAL SPECIFICATION & GENERAL DIMENSIONS

MODEL NO.	25 PRD	32 PRD
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CAPACITY

All dimensions are in mm

Drilling in Steel	25	32
Drilling in C.I.	28	32
Tapping Capacity in Steel	M-16	M-20

SPINDLE

Spindle Travel	170	170
Spindle Taper	MT-3	MT-4
No. of Spindle Speeds	8	8
Range of Spindle Speeds (RPM)	110-2800	110-2800
Feed	Manual / Fine-Feed	Manual / Fine-Feed

WORKING RANGE

Column Diameter	130	130
Max./ Min. Distance between Spindle Center to Column Face	700 / 360	700 / 360
Max./ Min. Distance between Spindle Nose to Base Plate	840 / 150	840 / 150
Size of base plate	1015 x 600 x 115	1015 x 600 x 115
Working Surface of Table	275 x 200 x 200	275 x 200 x 200

GENERAL

Number / Centre Distance of "T" Slots for Base Plate	3-122	3-122
Size of "T" Slots for Base Plate	M-18	M-18
Number / Centre Distance of "T" Slots for Working Table	2-70	2-70
Size of "T" Slots for Working Table	M-16	M-16
Weight of the Machine (Approx.)	470 kg.	475 kg.
Overall Dimension of the Machine (H x W x L)	1800 x 1050 x 800	1800 x 1050 x 800
Shipping Dimension of the Machine	2100 x 1250 x 1000	2100 x 1250 x 1000

POWER

Drilling Head Motor	1.0 H.P. / 3 ϕ / 50Hz / 1440RPM	1.5 H.P. / 3 ϕ / 50Hz / 1440RPM
Arm Elevating Head Motor	0.5 H.P. / 3 ϕ - 50Hz / 1440 RPM	0.5 H.P. / 3 ϕ - 50Hz / 1440 RPM

"V"-Belt Size

Drilling Head Motor	B-41	B-45
Arm Elevating Head Motor	A-23	A-23

Standard Accessories

Motor Pulley, Drill Drift, Working Table

Extra Accessories

Electric Motor, Reversible Switch, "V"-Belt, Drill Chuck & Arbor Etc.

Specification may be changed without prior notice in case of design modification.

Manufactured By

Authorised Dealer



powermatic
ENGINEERS

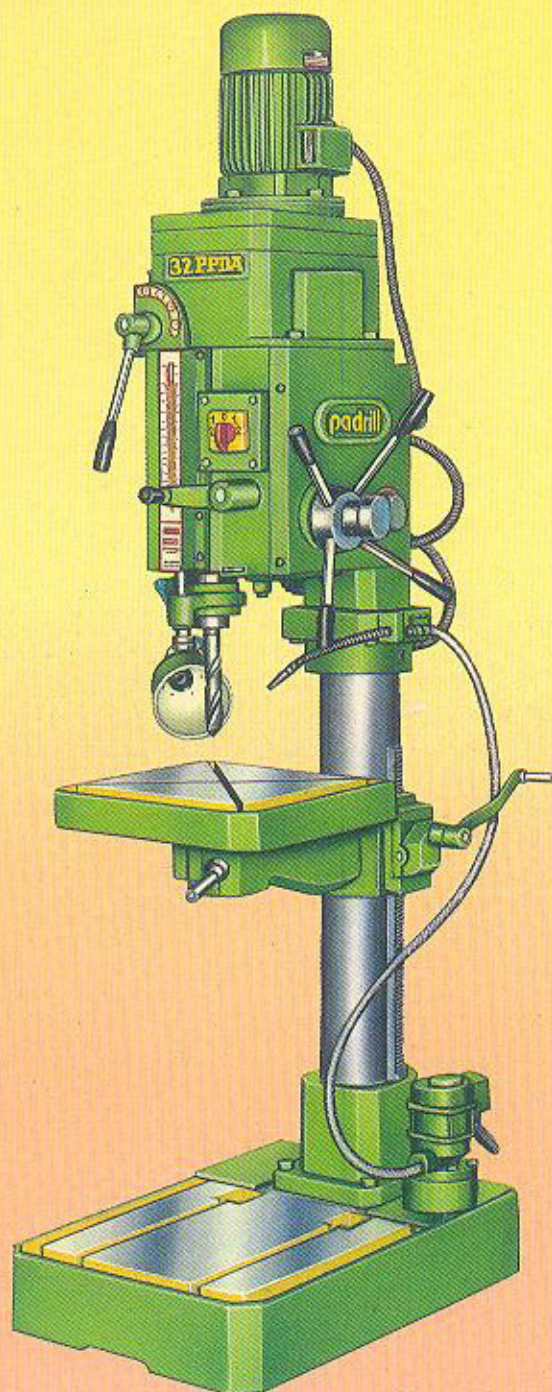
Ahmedabad - 380 004
Gujarat (INDIA)

pa-drill

All Geared Pillar Drilling Machine

Model

32
PPDA



with **3** Auto Feed



32mm All geared pillar Drilling Machine MODEL 32 PPDA (with 3 Auto Feed)

32 Cap. All geared pillar drilling machines are manufactured to the highest standards of quality and finish. Pa-drill machines are very easy to operate and are extremely used. 8 spindle speed and 3 auto feed arrangement is available. Machines built under strict quality control and inspect as per ISI TEST CHART. All controls are simple to understand, and easy to operate and located so that they can be used without the operator moving from normal working condition.

SALIENT FEATURES

1. All parts hardened & ground
2. All gears made from 16 MnCr5 material & hardened
3. Gun metal bush provided in main quill bore to maintain quality upto last marks
4. Best suitable for production work with quality
5. Extra thick wall thickness of main column for rigidity
6. Scraped baseplate and working table for high precision work
7. Machined, T-Slot for proper Clamping of Job
8. Special type spindle is to be supplied on request to do milling work on machine by using Compound Slide.

Technical Specifications

Capacity	m.m.
Drilling capacity in Steel	32
Drilling capacity in C.I. & alloys metal	35
Tapping in steel	28
Spindle travel	175
Spindle speed	132-1500 RPM
No. of spindle speed	8
No. of feed	3
Feed value	0.1 0.2 0.3 mm/rev
Column diameter	140
Max. distance between spindle centre to column face	310
Min. distance between spindle nose to working table	360
Max. distance between spindle nose to working table	825
Working table dimension	450x450
Working table 'T' slot size	(bolt) 12
Base plate dimension	555x775
Base plate 'T' slot size	(bolt) 18
Electric motor	3 ϕ -1.5 HP-750/1500 RPM
Nett weight of machine	700 KG.
Overall dimension of machine	800x555x2400
Shipping dimension.	900x700x2500

SPECIFICATION MAY BE CHANGED WITHOUT PRIOR NOTICE IN CASE OF DESIGN MODIFICATION

ALSO ASK FOR ALL TYPES OF PILLAR DRILLING MACHINE

STANDARD ACCESSORIES

- 3 ϕ -1.5 HP-750/1500 RPM Flanged mounted Electric motor with main rotary switch & two speed F & R switch wiring complete
- Drill drift
- Machine lamp

EXTRA ACCESSORIES

- Drill chuck
- Coolant pump & fitting

MANUFACTURERS

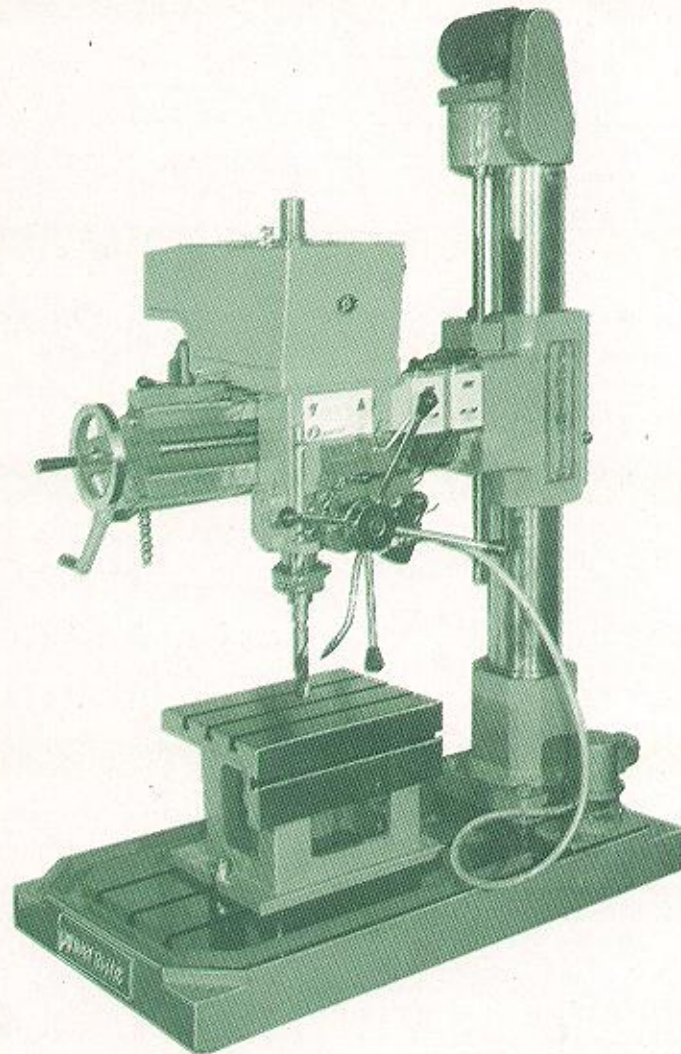
PADMAVATI ENGINEERING WORKS

AHMEDABAD 380 004 (INDIA)

Authorised Dealers

powermatic

Built in Latest Technology



RADIAL DRILLING MACHINE

Model : 38 PRD

RADIAL DRILLING MACHINE

TECHNICAL SPECIFICATIONS

MODEL		38 PRD	40 PRDA
CAPACITY			
Drilling in Steel		38 mm	40 mm
Drilling in C.I.		38 mm	40 mm
Tapping in steel		—	30 mm
SPINDLE			
Spindle travel		225 mm	200 mm
Spindle taper		MT-4	MT-4
No. of spindle speed		8	12
Range of spindle speed		65-1980	75-1545
No. of feed		02	04
Feed value mm/rev.		0.08-0.04	0.1, 0.2, 0.3, 0.4
WORKING RANGE			
Column diameter		165 mm	240 mm
Maximum/Minimum distance between spindle centre to column face		855/310 mm	1000/290 mm
Maximum/Minimum distance between spindle nose to base plate		860/200 mm	1050/410 mm
Vertical movement of arm on column		—	640 mm
Size of base plate		1285x685x130 mm	1600x800x150 mm
Working surface of table		465x340 mm	560x400 mm
GENERAL			
Number/Centre distance of 'T' slots for base plate		3-138	3-200
Size of 'T' slots for base plate		M-16	M-16
Number/Centre distance of 'T' slots for working table		3-80	3-135
Size of 'T' slots for working table		M-16	M-12
Nett. weight of the machine (Approx.)		950 kg.	2000 kg.
Overall dimensions of the machine		2000x1330x915 mm	2000x1620x1060 mm
Shipping dimensions of the machine		2100x1430x1015 mm	2100x1720x1160 mm
POWER			
Drilling head motor		1.5H.P./3 ϕ -50Hz/1440RPM	1.5H.P./3 ϕ -50Hz/750-1500RPM
Arm elevating head motor		0.5H.P./3 ϕ -50Hz/1440RPM	1 H.P./3 ϕ -50Hz/1500RPM
Coolant pump motor		0.25H.P./3 ϕ -50Hz/2880RPM	0.25H.P./3 ϕ -50Hz/2880RPM
V-BELT SIZE			
Drilling head motor		B-47	—
Arm elevating head motor		A-23	—

SPECIFICATIONS MAY BE CHANGED WITHOUT PRIOR NOTICE IN CASE OF DESIGN MODIFICATION

MODEL : 38 PRD

STANDARD ACCESSORIES

♦ Motor pulley : 2 Nos. ♦ Drill drift

EXTRA ACCESSORIES

♦ Box table with 'T' slots ♦ Electric motor ♦ Reversible Switch ♦ Coolant Pump ♦ 'V' belt ♦ Drill chuck-Arbour etc.

MODEL : 40 PRDA

STANDARD ACCESSORIES

♦ 3 ϕ -50 Hz/1.5 H.P./750-1500 RPM Flanged mounted electric motor ♦ 3 ϕ -50 Hz/1 H.P./1500 RPM Flanged mounted electric motor ♦ 3 ϕ -50 Hz/0.25 H.P./2800 RPM Coolant pump with motor
♦ Machine lamp ♦ Instruction manual
♦ All electricals will be supplied with complete wiring-contactors relays with panel board fittings

EXTRA ACCESSORIES

♦ Working table (Plain) ♦ Working table (Tilting type) ♦ Drill chuck-Arbour etc.

ALSO AVAILABLE 5 MM & 12 MM CAP. TAPPING MACHINES & HIGH SPEED DRILLING MACHINES



Manufactured by :

POWERMATIC ENGINEERS

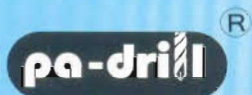
AHMEDABAD-380 004 (INDIA)

Authorised dealer :



Group Of Company's

"Information Accumulated Yields Horizons,
Quality Tools Accumulated Yields Productivity"



Since 37 Years

ABOUT US

K.M.PANCHAL Group Of Co. was started in earlier nineties and dedicated to supply specialised industrial goods including Pillar Drilling Machine, Sander, Radial Drilling Machine, Tapping Machine, Slotting Machine, High Speed Drilling Machine, Autofeed Drilling Machines. It is truly integrated Drilling solution company with a family of strong products in the Drilling field.

The company was found with a vision to provide the best and economically viable machine solutions to the industries. The practical problems faced by the industries are well understood by our team of engineers. Innovative aptitude, well equipped design facilities, continuous updation of emerging technologies, commitment towards quality, dynamic team efforts and transparency provide us the winning edge to put theories into realities.

The backbone of achieving customer delight in the machine building industry depends on performance of the machine and after sales service. The stringent quality control systems and the experienced young team ensure the delivery of best machine every time. The wide spread service network and our response to receive calls with commitment proves to be the best in the industry.

The company has Well-reputed and hard-working Dealers all over India and We would welcome any dealership of its products in the far southern cities. Due to unended efforts of our Dealers, we are growing at supersonic rate and strengthening our position time to time.

MISSION STATEMENT

" We are committed to our customers in their efforts to increase their productivity & profitability shared by providing competitively priced, high quality product on time."



® For more details please contact us:

K.M.Panchal & co.

Ahmedabad-380 004, Gujarat (India)

www.kmpanchal.com

Email: kmpanchal@icenet.net

Authorised Dealer

Note:

(1) Specification may be changed without prior notice. (2) Subject to Ahmedabad jurisdiction only. (3) All Dimensions are in m.m.



13 KSR



13 KSR(NEW)



40 KMP

40 mm Cap. Autofeed Pillar Drilling Machine



KMBS-150

ABRASIVE BELT & DISC SANDER

Technical specifications

Table size	: 290 X 150 mm
Belt size	: 1220 X 150 mm
Base plate size	: 350 X 215 mm
Table tilt	: 45
Disc diameter	: 235 mm
Electric motor	: 3 Phase, 1 H.P., 1440 RPM

Standard Accessories

Motor Pulley
Back Table
Side Disc

Extra Accessories

Abrasive Belt
Disc Abrasive Paper
Electric Motor, R/F Switch & 'V' Belt
Machine's Stand

MODEL NO.	13KSR	13KSR(NEW)	40KMP
CAPACITY			
Drilling Capacity in Steel	13	13	40
Tapping Capacity in Steel	-	-	25
SPINDLE			
Spindle Travel	80	105	200
Spindle Taper	Solid	Solid	MT-4
No. of Spindle Speed	04	04	08
Range of Spindle Speed	500-2825	500-2825	90-1690
WORKING RANGE			
Column Diameter	46.80	46.80	112.60
Max. Distance between Spindle Centre to Column Face	152	180	270
Max. Distance between Spindle Nose to Working Table	280	265	445
Max. Distance between Spindle Nose to Base Plate	495	475	885
GENERAL			
Size of Square Table	210 X 215	235 X 235	418 X 418
Size of Base Plate	235 X 360	265 X 385	465 X 690
Electric Motor	3 ϕ , 0.5 H.P., 1440 RPM	3 ϕ , 0.5 H.P., 1440 RPM	3 ϕ , 1.5 H.P., 1440 RPM
V-Belt Size	M-2360	M-2370	B-54
Net Weight of Machine	48 kg.	58 kg.	440 kg.
Overall Dimensions of Machine H X W X L	750 X 335 X 375	800 X 350 X 570	1830 X 550 X 930
Wooden Case Dimensions H X W X L	800 X 385 X 425	850 X 400 X 625	1900 X 600 X 1000



19 KBR



19 KCR (NEW)



38 TPD



19 EXCR

19 mm Cap. Pillar Drilling Machine

MODEL NO.	19KBR	19KCR(NEW)	38TPD	19 EXCR
CAPACITY				
Drilling Capacity in Steel	19	19	38	19
Drilling Capacity in C.I.	22	22	40	22
Tapping Capacity in Steel	16	16	25	16
SPINDLE				
Spindle Travel	125	150	175	125
Spindle Taper	MT-2	MT-2	MT-4	MT-2
No. of Spindle Speed	8	8	8	8
Range of Spindle Speed	86-3360	86-3360	80-2600	86-3360
WORKING RANGE				
Column Diameter	73.80	73.80	112.60	73.80
Max. Distance between Spindle Centre to Column Face	200	225	270	200
Max. Distance between Spindle Nose to Working Table	365	590	595	365
Max. Distance between Spindle Nose to Base Plate	635	900	1035	635
GENERAL				
Size of Square Table	270 X 270	270 X 270	Dia. 395	270 X 270
Size of Base Plate	550 X 315	530 X 340	690 X 460	550 X 315
Electric Motor	TEFC, 3 Φ -1H.P., 1440 RPM	TEFC, 3 Φ -1H.P., 1440 RPM	TEFC, 3 Φ -1.5H.P., 960 RPM	TEFC, 3 Φ -1H.P., 1440 RPM
V-Belt Size	A-43	A-44	B-57	A-43
Net Weight of Machine in Kgs.	99	125	335	99
Overall Dimensions of Machine	1000 X 675 X 425	1300 X 720 X 450	1760 X 730 X 560	1000 X 675 X 425
Wooden Case Dimensions	1050 X 725 X 475	1350 X 770 X 500	1810 X 780 X 610	1050 X 725 X 475



19/378 ICR



25 PPD



25/300 PPD



25/378 PPD



38/378 PPD



32PPDA

TECHNICAL SPECIFICATIONS & GENERAL DIMENSIONS

Heavy Duty Pillar Drilling Machine

32mm All Geared Pillar Drilling Machine

MODEL NO.	19/378 ICR	25 PPD	25/300 PPD	25/378 PPD	38/378 PPD	32 PPDA
CAPACITY						
Drilling Capacity in Steel	19	25	25	25	38	32
Drilling Capacity in C.I.	22	30	30	30	40	35
Tapping Capacity in Steel	14	20	20	20	25	28
SPINDLE						
Spindle Travel	130	150	300	200	200	175
Spindle Taper	MT-2	MT-3	MT-3	MT-3	MT-4	MT-3
No. of Spindle Speed	8	8	8	8	8	8
Range of Spindle Speed	86-3360	115-2820	115-2820	115-2820	100-2520	132-1500
No. of feed	-	-	-	-	-	3
Feed value	-	-	-	-	-	0.1, 0.2, 0.3 mm/rev
WORKING RANGE						
Max. Dist. between Spindle Centre to Column Face	378	255	225	378	385	310
Max. Dist. between Spindle Nose to Base Plate	980	1060	890	1000	980	825
Max. Dist. between Spindle Nose to Working Table	585	655	470	600	545	360
Column Diameter	87	87	87	87	112.60	140
GENERAL						
Working Surface of Base Plate	580 X 375	580 X 375	580 X 375	645 X 380	700 X 450	555 X 775
Working Surface of Table	395 X 395	350 X 350	350 X 350	395 X 395	430 X 430	450 X 450
Electric Motor	3φ, 1 H.P., 1440 RPM	3φ, 1 H.P., 1440 RPM	3φ, 1 H.P., 1440 RPM	3φ, 1 H.P., 1440 RPM	3φ, 1.5HP, 1440RPM	3φ, 1.5HP, 750/1500 RPM
Overall Dimension of Machine	1400 X 750 X 400	1520 X 620 X 470	1770 X 650 X 470	1770 X 725 X 470	1520 X 800 X 520	800 X 555 X 2400
Net Weight of Machine	205 kg.	228 kg.	240 kg.	300 kg.	425 kg.	700 kg.
V-Belt Size	A-57	A-50	A-52	A-60	B-64	-
Working table 'T' slot size	-	-	-	-	-	M-12
Base plate 'T' slot size	-	-	-	-	-	M-18
Wooden Case Dimension	1500 X 800 X 450	1950 X 750 X 520	1950 X 750 X 520	1950 X 750 X 520	1700 X 900 X 570	900 X 700 X 2500



PT-5
Tapping Machine



PT12
Tapping Machine



PTH-6
High speed Drilling Machine



38 PRD
Radial Drilling Machine



175 KBS
Slotting Machine

Radial Drilling Machine available in Fine Feed, Auto Feed & All Geared.
Slotting Machine available in 100, 175, and 225 mm stroke.

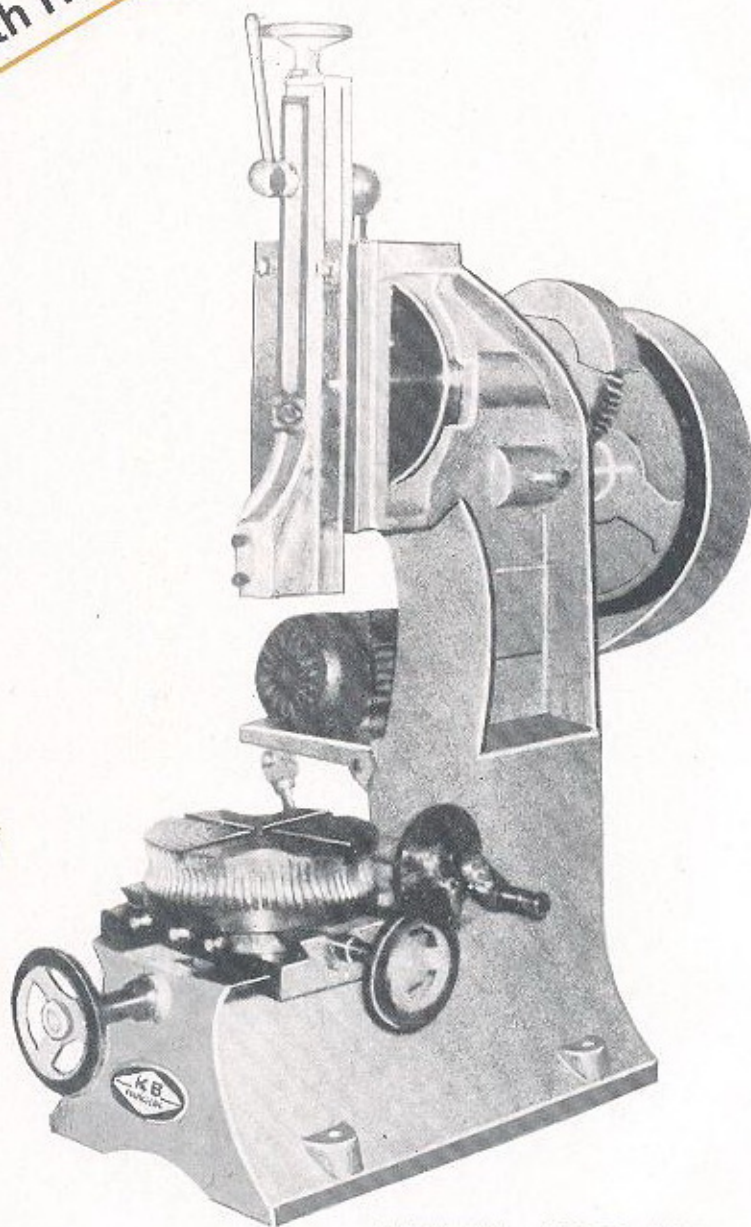
MODEL NO.	PT-5	PT-12	PTH-6	38 PRD	175 KBS
Capacity					
Drilling in M.S.	-	-	6	38	Vertical Stroke-175
Drilling in C.I.	-	-	-	38	No. of speeds-2
Tapping in steel	5	12	-	-	Rotary Table Dia-273
Tapping in C.I.	7	12	-	-	Bed Length-655
Tapping Depth	-	15	-	-	Bed Width-250
Spindle					
Spindle Travel	-	-	57	225	Head Height-495
Spindle Taper	-	-	-	M T-4	Dist. between table to head-350
No of Spindle Speeds	8	-	2	8	Longitudinal travel of Rotary table-178
Range of Spindle Speeds	590-1680	-	5000-10000	65-1980	Max. Dia. When job at Centre-456
No of Feed	-	-	-	2	Stroke per minute 60 & 106
Feed Value mm/rev.	-	-	-	0.08-0.04	
Working Range					
Table stroke (manually)	-	55	-	-	
Max./Min. Dist. between Spindle Centre to Column Face	104	150	155	855/310	
Max. Dist. between Spindle Nose to Table Face	140	335	225	-	
Max./Min. Dist. between Spindle Nose to Base Plate	-	-	430	860/200	
Diameter of Column	46.80	63.50	46.80	165	
Size of Working Table	168 X 168	265 X 265	220 X 220	465 X 340	
Size of Base Plate	380 X 250	430 X 300	265 X 385	1285 X 685 X 130	
Power					
Drilling Head Motor	0.5 H.P., 3φ, 1440 RPM	1 H.P., 3φ, 1440 RPM	0.5 H.P., 3φ, 2800 RPM	1.5 H.P., 3φ, 1440 RPM	1 H.P., 3φ, 1440 RPM
Arm Elevating Head Motor	-	-	-	0.5 H.P., 3φ, 1440 RPM	-
Coolant Pump Motor	-	-	-	0.25 H.P., 3φ, 2880 RPM	-
General					
Weight of the machine V-Belt Size	50 kg. A-39	125 kg. A-39 & A-70	52 kg. 900 X 20 Flat	950 kg. B-47 & A-23	370 kg.
Overall Dimension of machine	780 X 580 X 250	530 X 400 X 1250	550 X 360 X 930	2000 X 1330 X 915	1070 X 1360 X 750
Wooden case Dimension	880 X 680 X 350	600 X 450 X 1300	650 X 460 X 1030	2100 X 1430 X 1015	1100 X 1400 X 800



SLOTTING MACHINE

100 mm Stroke (4") with Helical Gear drive System

**FOR HIGH
METAL REMOVAL
AND
SUSTAINED ACCURACY**



MODEL : KBS-100



Precision Slotting Machine

No.	SPECIFICATIONS	100KBS (4")	175KBS (7")	225KBS (9")
1	Max. vertical stroke of the machine	105mm	175mm	225mm
2	Max. diameter accomodated when job at centre	480mm	456mm	740mm
3	Length of the machine bed	665mm	665mm	886mm
4	Width of the machine bed	250mm	250mm	300mm
5	Total height of the head	950mm	995mm	1230mm
6	Maxi. distance between table to head	230mm	350mm	410mm
7	Diameter of Rotary table	273mm	273mm	358mm
8	Longitudinal travel of Rotary table	178mm	178mm	250mm
9	Transverse travel of Rotary table	210mm	210mm	295mm
10	No. of Speeds	2	2	3
11	Electric Motor for machine....	1.0 H.P./1440 RPM, 3PHASE 50 Hz	1 H.P./1440 RPM, 3PHASE 50Hz or 960 RPM	1 H.P./1440 RPM, 3PHASE 50Hz or 960 RPM
12	Overall dimensions of the machine	1030X1180X700	1070X1360X750	1365X1500X920
13	Wooden case dimension	1060X1210X750	1100X1400X800	1400X1530X950
14	Net. weight of the machine	330Kgs.	390Kgs.	670Kgs.
15	No.of stroke per minitue	60 & 90	60 & 106	52,67 & 78

STANDARD ACCESSORIES

1. Rotary table with Indexing unit.
2. Motor Pulley.

EXTRA ACCESSORIES

1. Electric motor.
2. Reversible Switch.
3. "V" Belt
A 60 for **100 KBS**, A-60 Nos.- 2 for **175 KBS**,
B-64 Nos.- 2 & B-70 Nos.-2 for **225 KBS**

SPECIFICATIONS MAY BE CHANGED WITHOUT PRIOR NOTICE IN CASE OF DESIGN MODIFICATION

Manufactured by



Shreeram
MOULDING WORKS

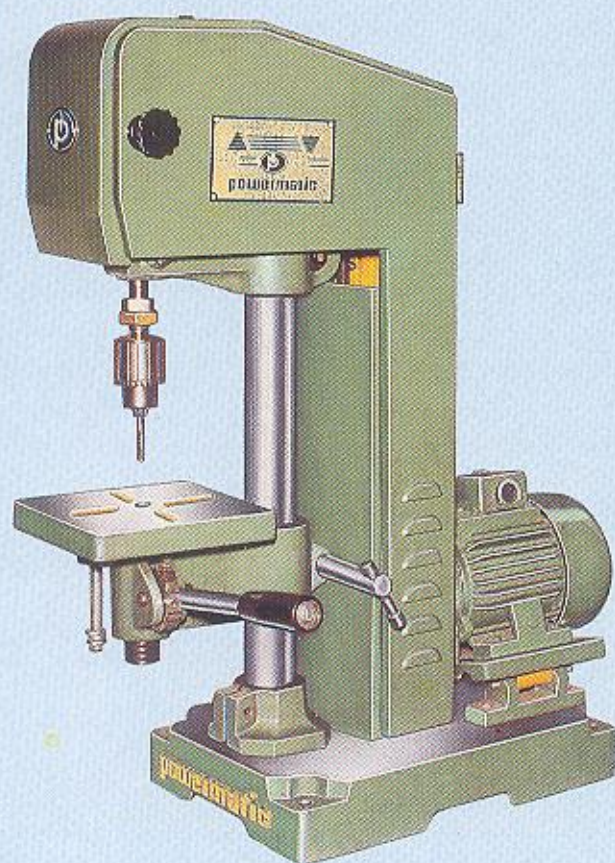
AHMEDABAD - 380 004(INDIA)

for precision mass production



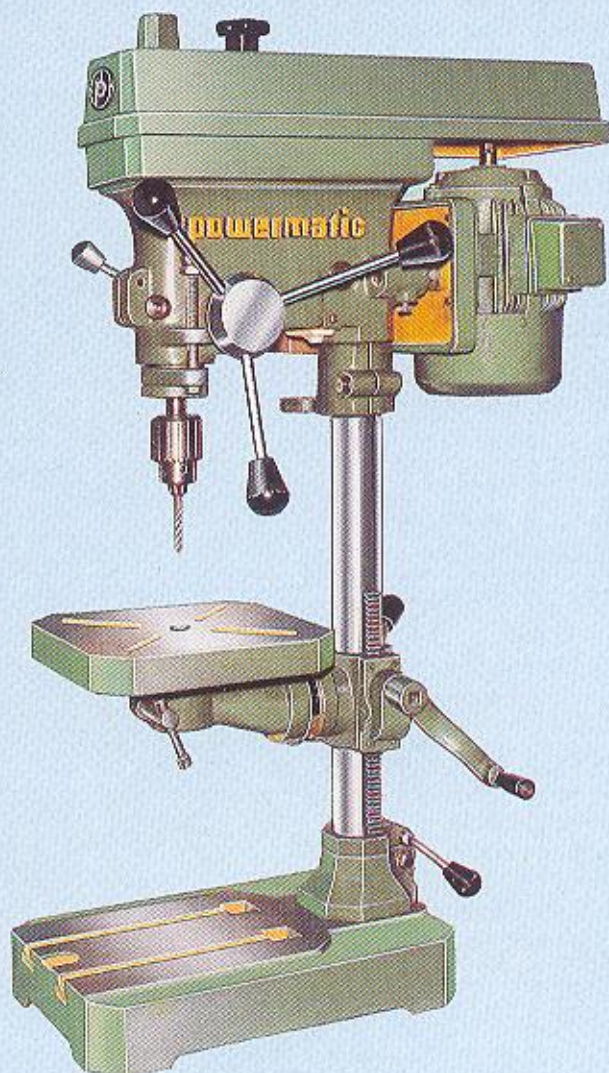
powermatic

**High Speed
Tapping Machine**



Model No. PT-5

**High Speed
Drilling Machine**



Model No. PTH-6

powermatic

HIGH SPEED TAPPING MACHINE

MODEL PT-5

POWERMATIC High speed tapping machine is a most sophisticated product backed by more than two decades of our manufacturing experience in the engineering industry. The machine therefore present a fine example of compact design and sound workmanship and superb finish. The selected materials advanced manufacturing technique, rigid standard of inspection and tests all go into making these machines highly productive and efficient.

By virtue of their unique designs, the machines will meet exactly today's absolute necessity for intensive labour saving machines felt by the engineering, electric, radio, telephone, switchgear, controlgear, scientific instruments & other industries.

TECHNICAL DATA

Tapping in steel	5 M.M.
Tapping in C.I. & alloy metals	7 M.M.
Distance - spindle centre to column face	104 M.M.
Maximum distance between tap to table face	140 M.M.
Diameter of column	46.75 M.M.
Size of working table	168 x 168 M.M.
Size of base plate	380 x 250 M.M.
Number of Spindle Speeds	8
Range of Spindle Speeds	590-1680
Electric motor	0.5 H.P. - 1440 RPM
Weight of the machine	50 kg.
Overall dimension of machine	780 x 580 x 250
Price (Ex. Factory Ahd.)	+ P.F. + All taxes

STANDARD ACCESSORIES

Motor Pulley

EXTRA ACCESSORIES

- * Grip Chuck Model No. 95 with Plain bearing Cap 1-10 M.M.
- * V-Belt A-39
- * Electric Motor 0.5 H.P. 1440 RPM
- * Reversible Switch

powermatic

HIGH SPEED DRILLING MACHINE

MODEL PT H-6

A Highly precision high speed drilling machine having precision bearing fitted in machine for accurate drilling small holes. Most suitable for very small drilling in radio, telephone, switch gear, scientific instruments & p.c. boards for electronic industries.

TECHNICAL DATA

Drilling capacity in Steel	6 M.M.
Drilling capacity in C.I. & alloys metals	7 M.M.
Distance - spindle centre to column face	155 M.M.
Maximum distance between drill chuck face to table face	225 M.M.
Minimum distance between drill chuck face to table face	125 M.M.
Maximum distance between drill chuck face to base plate	430 M.M.
Diameter of column	46.80 M.M.
Quill movement	57 M.M.
Morse taper in spindle nose	As per No. 95 Gripp Chuck
Size of table	220x220 Sq.
Number of spindle speeds	2
Range of spindle speeds	5000-10,000
Electric motor	0.5 H.P. - 2800 RPM
Overall dimension of machine	550x360x930 M.M.
Weight of the machine	52 kgs.
Price (Ex. Factory Ahd.)	+ P.F. + All taxes

STANDARD ACCESSORIES

Motor Pulley

EXTRA ACCESSORIES

- * Flat belt No. 900 mm x 20 mm
- * Grip chuck No. 95 Plain bearing cap 1-10 mm
- * Electric motor - 0.5 H.P. 2800 RPM
- * Reversible Switch

SPECIFICATION MAY BE CHANGED WITHOUT PRIOR NOTICE IN CASE OF THE DESIGN MODIFICATION.
ALSO AVAILABLE 12MM CAP. TAPPING & 40MM CAP. RADIAL DRILLING MACHINE.

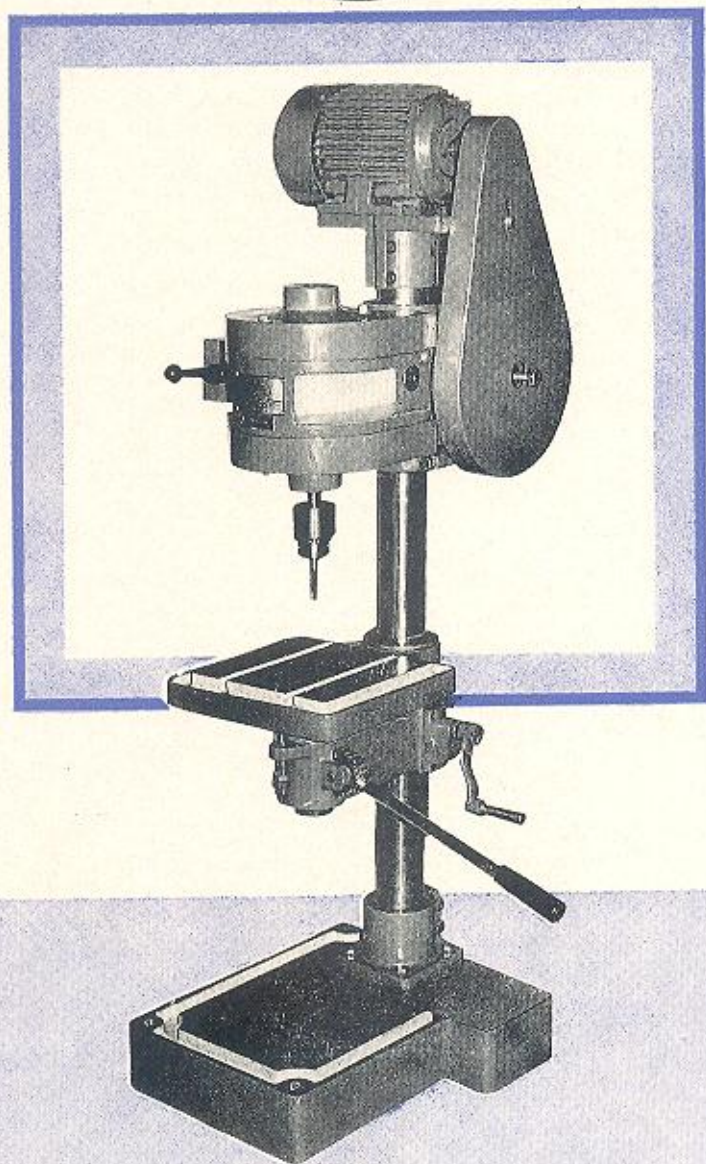


MANUFACTURERS:

POWERMATIC ENGINEERS

AHMEDABAD 380 004 (INDIA)

powermatic



MODEL PT 12

Best Suitable For Mass Tapping

powermatic

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HIGH SPEED TAPPING MACHINE

MODEL PT-5

POWERMATIC High speed tapping machine is a most sophisticated product backed by more than two decades of our manufacturing experience in the engineering industry. The machine therefore present a fine example of compact design and sound workmanship and superb finish. The selected materials, advanced manufacturing technique, rigid standard of inspection and tests all go into making these machines highly productive and efficient.

By virtue of their unique designs, the machines will meet exactly today's absolute necessity for intensive labour saving machines felt by the engineering, electric, radio, telephone, switchgear, controlgear, scientific instruments & other industries.

TECHNICAL DATA

Tapping in steel	5 MM
Tapping in C.I. & alloy metals	7 MM
Distance-spindle centre to column face	104 MM
Maximum distance between tap to table face	140 MM
Diameter of column	46.75 MM
Size of working table	168 x 168 MM
Size of base plate	380 x 250 MM
Number of Spindle Speeds	8
Range of Spindle Speeds	590-1680
Electric motor	0.5 H.P. - 1440 RPM
Weight of the machine	50 kg.
Overall dimension of machine	780 x 580 x 250
Wooden Case Dimensions	880 x 680 x 350

STANDARD ACCESSORIES

Motor Pulley

EXTRA ACCESSORIES

- * Grip Chuck Model No. 95 with Plain bearing Cap 1-10 MM.
- * V-Belt A-39
- * Electric Motor 0.5 H.P. 1440 RPM
- * Reversible Switch

powermatic

12 MM TAPPING MACHINE

MODEL - PT-12

SALIENT FEATURES

1. 12 Cap. tapping to be done directly in M.S.
2. Best suited to mass production work.
3. No tap breakage problem.
4. Tidy work of tapping completely eliminate.
5. Best suited to scientific instrument industry, electronic industry etc.

TECHNICAL DATA

Tapping in steel	12 MM
Tapping depth	15 MM
Table stroke (manually)	55 MM
Max. distance between spindle centre to column face	150 MM
Max. distance between drill chuck face to table face	335 MM
Diameter of column	63.5 MM
Size of working table	265x265 MM
Size of base plate	430x300 MM
Electric motor	0.5 H.P. x 1440 r.p.m.
'V' belt	A-39 & A-70
Weight	125 Kg.
Overall dimension of machine	530x400x1250 MM
Wooden case dimension	600x450x1300 MM

STANDARD ACCESSORIES

Motor Pulley

EXTRA ACCESSORIES

- * V-belt 2 Nos. (A-39 & A-70)
- * Reversible switch
- * Electric motor (30-0.5 HP-1440 R.P.M.)
- * Grip drill chuck Model No. 130
- * Coolant pump with complete fitting

SPECIFICATION MAY BE CHANGED WITHOUT PRIOR NOTICE IN CASE OF THE DESIGN MODIFICATION



MANUFACTURERS :

POWERMATIC ENGINEERS

AHMEDABAD 380 004 (INDIA)