

SERVING INDUSTRY
MORE
THAN
2
DECADES



Since 1987



VARIABLE (PCD) PITCH CIRCLE DIAMETER DRILLING MACHINE

This machine is used to drill
in various PCD
from 150 mm (6") to 1200 mm (47")
drill size maximum to 32mm (1 1/4").

Components like flanges,
Brake drums, motor end covers,
Valve bodies, and disc brakes etc...
which has small and medium batch
quantity done very cost effectively.

COMPONENTS MANUFACTURED IN THIS MACHINE



Through our experiences in the market, we found people are using expensive VMC for these kinds of components. There are components in small and medium batch quantities. Lot of companies are facing problem on delivering components on time. They are using expensive VMC and very high skilled operator to meet target, finally they spend more money and the production cost goes up very high.

All this will be replaced by this low cost machine. An unskilled operator can also start working in 2 or 3 days training. Thus you can cut down the cost by 30 - 50% approximately.

BASIC FUNCTION OF MACHINE

Same as all VMC, this machine head fixed in vertical column, which has up and down Z-axis movement through Dovetail slide / LM guide ways with Ball Screws with single spindle. The slide is fixed in the base for Y-axis movement. Hydraulic Indexing Table is mounted in the slide. The slide movement towards and away from the column generates Y-axis. With the Digital Read Out (DRO), the PCD can be varied as required very easily.

BASIC & TYPES OF MACHINES

The basic machine consists of following and function will not differ.

- Machine Base | The head, spindle drive by motor | Vertical column (Hydraulic / Servo) drive for Z-axis movement
- Indexing table Hydraulic drive | Cross slide for Y-axis to vary PCD. | Mechanical drive with DRO to set PCD (DRO optional)

MODEL No.	Variable PCD Drilling machine 24 partitions series						Variable PCD Drilling machine 10 partitions series					
	VPCD-19-300-24		VPCD-25-550-24		VPCD-32-1200-24		VPCD-19-300-10		VPCD-25-550-10		VPCD-32-1200-10	
	Millimeters (mm)						Millimeters (mm)					
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Drilling Size	as req.	19	as req.	25	as req.	32	as req.	19	as req.	25	as req.	32
Pitch Circle Diameter	150	300	275	550	525	1200	150	300	275	550	525	1200
Table Adjustment Y-axis	75		140		350		75		140		350	
	Inches "						Inches "					
Drilling Size	as req.	3/4	as req.	1	as req.	1 1/4	as req.	3/4	as req.	1	as req.	1 1/4
Pitch Circle Diameter	6	12	11	22	21	47	6	12	11	22	21	47
Table Adjustment Y-axis	3		5 1/2		13 3/4		3		5 1/2		13 3/4	
Maximum Load Carrying Capacity (Kg)	300		800		3800		300		800		3800	
Indexing Table Proportions (any six)	2, 3, 4, 6, 8, 12 and 24						2, 3, 5, 9 and 10					
Spindle Drive	A/C Motor						A/C Motor					
Spindle Z axis Drive	Hydraulic / Servo						Hydraulic / Servo					



MARKETING DIVISION :
KASTHURI MARKETING & MANUFACTURING CONSULTANCY (P) LTD.
Manufacturing made easy

Cell: +91 - 97890 90900, +91 - 93633 90900

E-mail : info@kasthurimmc.com Website : www.kasthurimmc.com

DEALER

MANUFACTURING DIVISION :

KASTHURI MACHINE BUILDERS

4H, Gandhi Nagar, G.N. Mills Post, Coimbatore - 641 029

Tel : +91-422-2643338, 2648026 Fax : +91-422-2644623

email : kmbcbe@vsnl.net Website : www.kasthurimachines.com