

CNC CHUCKER

Deepak-200 / 165

- Special Cooling arrangement for Spindle bearings
- Hydraulic Chuck
- 8 Station Electromechanical Turret
- Dual clamping pressure for chuck



Deepak-200 / 165

CNC CHUCKER

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ABHIJAT EQUIPMENTS PVT. LTD.

High precision, High Productivity, Competitive price.

OUR QUALITY PRODUCTS NOW TOUCHING NEW HORIZONS WORLDWIDE...

'Abhijat' Deepak-200/165 CNC Chucker

Abhijat make CNC Lathe is a technological revolution in CNC Machine tool industry. The basic Machine is having rigid headstock Mounted on Fabricated Stress relieved Machine base. Machine Spindle is Mounted in precision P4 Class imported bearings for higher Accuracy. Main Spindle Chuck is operated by hydraulic cylinder to clamp bar or blank.

X & Z axis with linear guideways are operated by C3 Class Precision ball Screws. The 8 Station turret is used for more Comfort & is Operated electromechanically.

Basic machine consist of

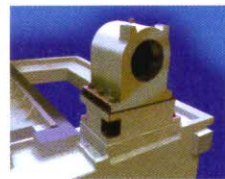
- LM Slide for X & Z axis
- Chuck
- Centralised lubrication System
- Telescopic Covers for X & Z axis
- Machine Lamp
- Instruction Manual
- Tool kit
- 8 Station Turret



Chuck

CNC System (Controller type)

- Siemens / Fanuc
- Number of Axis-2
- Manual data input
- Part Program Storage & Editing
- Constant Surface Speed Control
- Multiple repetitive cycles
- Thread Cutting Cycles
- Circular interpolation
- Rs 232 interface, Ethernet
- Backlash Compensation
- Graphic Display



Head Stock

Optional Machine Features

- Manual Pulse Generator
- 3 Phase Voltage Stabilizer
- Air Conditioning Unit for electrical Cabinet
- Chip Conveyor
- Tail Stock

Machine Specifications

Sr. No.	Parameter	UOM	Deepak - 200	Deepak - 165
1	Basic			
	Chuck Size	mm	200	165
	Turning length between centre	mm	400	300
	Max. turning diameter between centre	mm	240	240
	Swing over cross slide	mm	240	240
	Swing over way cover	mm	425	425
	Max bar work size	mm	42	40
	Slant angle to horizontal	Degree	30	30
2	Headstock			
	Spindle nose		A2-6	A2-5
	Hole through spindle	mm	58	52
	Front bearing dia	mm	90	70
	Spindle speed range	rpm	40-4000	40-4000
	Spindle motor power	KW	7.5/11	7/9.25
3	X axis			
	X-axis stroke	mm	170	105
	Ball-screw dia	mm	32	25
	Pitch	mm	10	5
	Axis motor torque	NM	12	6
	Rapid rate	m/min	20	20
4	Z axis			
	Z-axis stroke	mm	400	320
	Ball-screw dia	mm	32	32
	Pitch	mm	10	10
	Axis motor torque	NM	12	11
	Rapid rate	m/min	20	20
5	Turret			
	Turret Type		BTP100	BTP80
	No of stations		8	8
	Positioning accuracy	arc sec	6	6
	Repeatability	arc sec	2	2
	Turning tool size	mm	25*25	20X20
	Boring Bar Size	mm	40	32
6	Tailstock			
	Quill Dia	mm	85	55
	Tailstock center		MT5	MT4
	Quill stroke	mm	100	100
	Tailstock travel	mm	300	200
	Max thrust at 25 bar	N	7000	5000
7	M/c size			
	L*W*H	mm	2550*2000*1600	2550X1850X1600
	Weight	kg	2250	2000
8	CNC system			
	No of axes		2	2
	Control voltage	V	24	24
	Load connected	KVA	22	20
	System		Siemens Opt.-Fanuc	Siemens Opt.-Fanuc

Note: We reserve the right to modify specifications in accordance with improved designs. Although every effort will be made to maintain accuracy in the data given, the figures must be taken as approximate and in no way binding.



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