



ABHIJATTM
EQUIPMENTS PVT. LTD.

Experience the next-Generation of CNC Machines

TURBOTURN-20⁺

CNC Turning Machine

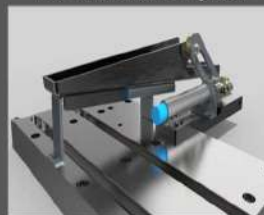
- High RPM & High Productivity
- Economy is the Key
- Compact foot print
- Ergonomic and user friendly
- Designed coolant flow
- Aesthetically sound



Work Space



New Part Catcher System



Ergonomic Control Panel



★ Photo are only for reference Purpose

We don't only sell machines, we also build relationship

"OUR QUALITY PRODUCTS NOW TOUCHING NEW HORIZONS WORLDWIDE"

ABHIJAT make **Next Generation of CNC Turning Machine TURBOTURN-20⁺** is designed to provide convenient operating facility, rigidity, high accuracy and short machining times. The product is built on a very strong and sturdy base. The rigid & stable cartridge spindle and high power motor enables high accuracy machining with good surface quality. LM guide ways and ball screws are used in both the slides ensuring smooth and consistent axial movements. The coolant system and big chip collector are accommodated in machine base to save on the space. Auto Lubrication to LM guide ways & ball screws provided to ensure their working for life cycle. Reliable Pneumatic Collet clamping facility is provided with standard A20 collet. Aesthetically and Ergonomically designed guarding and Covers are provided with machine. Higher spindle RPM for small diameter components is the main feature of the machine suitable for ferrous as well as nonferrous precision small component manufacturing.

BASIC MACHINE CONSISTS OF :

- LM slides for X & Z axis
- Pneumatic Collet Chucking
- Centralized auto lubrication
- Coolant Attachment
- Removable coolant Tank
- Rear operated chip tray
- LED Machine lamp
- Instruction manual
- Tool kit
- Ergonomic Electrical Control Panel

CNC SYSTEM DETAILS :

- System Controller
- Number of axis 2 nos
- Manual data input
- Constant surface speed control
- Multiple repetitive cycles
- Thread Cutting Cycles
- Tool Compensation & Clearance Compensation
- Graphic Display
- USB Port

OPTIONAL MACHINE FEATURES :

- Hydraulic Collet Clamping
- Square tool post
- Pneumatic part Catcher
- Manual Pulse Generator
- Pipe Type Gravity Bar Feeder Attachment -2 mtr.
- Foot Switch
- Tool Holders
- 3 Phase Voltage Stabilizer

Specification		TURBOTURN-20 ⁺	
		UOM	TURBOTURN-20 ⁺
1	Spindle Capacity		
	Bar - Max Dia	mm	20
	-Max Hex	mm	16 A/F
	-Max Square	mm	13.5 A/F
	Recomended Turning Length	mm	60~75
	Max Boring /Drilling Depth	mm	40
	Maximum Bar length (with Bar feed)	mm	2000
2	Main spindle		
	Spindle motor	KW	3.7
	Max bar dia thru spindle	mm	20
	Collet type		A20
3	Slides		
	Cross x-axis travel	mm	225
	Longitudnal Z-axis travel	mm	125
	Rapid	mtrs/min	10
4	Linear Tooling.		
	T slot details	mm	2 nos ,15 mm w
	Tool Shank Size	mm	20*20
5	CNC controller		Siemens / Fanuc / Mitsubishi
6	Weight	kg	1100
7	M/c Size L*B*H	mm	1450*1250*1400
8	Power requirement	KVA	7.0



Component proved on
TURBOTURN-20⁺
machine

Note : We reserve the rights to modify specification in accordance with improved design.
Although every effort will be made to maintain accuracy in the figures must be taken as approximate and in no way binding.



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