



TIRUPATI

CNC PRODUCTS

Turn Your Life

Mfg. :

- **CNC Lathe Machine – Flat Bed**
- **CNC Lathe Machine – Flat Bed** Extra Heavy Duty
- **CNC Turning Machine – Slant Bed**
- **CNC Turn-mill Machine** Flat / Slant
- **CNC Pipe Threading Machine – Big Bore**
- **CNC Oil Country Lathe Machine**
- **CNC Drill Machine – 2 Axis**
- **VMC Drill Machine – 3 Axis**
- **CNC Roll Turning Lathe Machine**
- **Lathe Machine – Conventional**

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INFRASTRUCTURE



ASSEMBLY LINE



PRODUCTION LINE

Founder

- Late Shri Pravinbhai Jivabhai Sojitra

Who we are

- **36 years** experience in Machine Tools (since 1988)
- **90,000** sq.ft. Total Assembly Production Area
- **5000+** CNC Machine Installations Globally
- **6** Production Assembly Lines
- **600+** Machines Production Capacity Per Annum
- Experienced **R&D** Team
- **TUV NORD** ISO 9001:2015 CERTIFIED
ZED REGISTERED COMPANY
- Made In India Make For The World



Product Range

- **CNC Lathe Machine – Flat Bed** Standard / Extra Heavy Duty
Turning Dia. 200 to 2200 mm | Turning Length 300 to 6000 mm
- **CNC Big Bore Turning Machine**
Spindle bore Up to 500 mm, Twin Chuck (manual or automatic)
- **CNC Roll Turning Lathe Machine**
Turning Dia. up to 1500 mm | Turning Length up to 6000 mm
- **CNC-VMC Drill Machine – 2/3 Axis** Single Column
Work Piece Dia. up to 2000 mm
- **CNC Lathe Machine – Slant Bed**
Turning Dia. 200 to 1000 mm | Turning Length 300 to 6000 mm
- **CNC Turn-mill Machine Flat / Slant**
Turning Dia. 200 to 2200 mm | Turning Length 300 to 6000 mm
- **CNC Oil Country Lathe Machine**
Spindle bore Up to 500 mm, Twin Chuck (manual or automatic)
- **Lathe Machine – Conventional**
Light | Medium | Heavy | Extra Heavy | Plano Type | All Geared | V - Belt Driven



Application



Flange



Forged Drill Adaptor



Disc Brake



Re Bar Coupler



Plunger



Weldolets



Drill Bit Head



Elevator Pulley



Trolley Wheel



Rotor



Roll



Valve Body



Hub



Nipple



V-groove Pulley



Axle



Casing Pipes



Drum



Multi Groove Pulley



Railway Brackets

CNC Lathe Machine – Flat Bed



- Rigid Structure
- High Load Capacity
- Ideal for Workshop

SR. NO	DESCRIPTION	UNIT	TCP-H-200L	TCP-H-250L	TCP-H-300L	TCP-H-400L
CAPACITY						
1	MAXIMUM TURNING DIAMETER (s.o.b.)	mm	200	300	400	600
2	STANDARD TURNING DIAMETER (s.o.c.)	mm	150	250	300	450
3	STANDARD TURNING LENGTH	mm	300	300	650	450
•	TURNING LENGTH (Availability)	mm	650 / 1000	650 / 1000	1000 / 1500 / 2000 2500 / 3000	750 / 1000 / 1500 / 2000 / 2500 3000 / 3500 / 4000 / 4500 / 5000
4	WIDTH OF BED	mm	275	325	375	450
5	HEIGHT OF CENTER	mm	215	250	300	400
SPINDLE						
6	SPINDLE NOSE		A2-5	A2-5	A2-6	A2-8
7	MAX. BAR CAPACITY(in Hollow Chuck)	mm	25	25	50	70
8	SPINDLE SPEED	rpm	1500	1200	800	800
9	SPINDLE MOTOR POWER (Induction)	hp	7.5	10	15	20
10	STANDARD CHUCK SIZE	mm	200x3 JAW (closed chuck)	250x3 JAW (closed chuck)	250x3 JAW (closed chuck)	315x3 JAW (closed chuck)
AXIS						
11	X-AXIS STROKE	mm	100	150	200	300
12	X-AXIS RAPID	m/min	8	8	8	8
13	X-AXIS GUIDEWAYS		BOX TYPE	BOX TYPE	BOX TYPE	BOX TYPE
14	Z-AXIS STROKE	mm	300	300	650	450
15	Z-AXIS RAPID	m/min	8	6	6	5
16	Z-AXIS GUIDEWAYS		HARDENED AND GROUND	HARDENED AND GROUND	HARDENED AND GROUND	HARDENED AND GROUND
TOOLING						
17	TURRET		SQTP190	SQTP190	SQTP190	SQTP190
18	NO. OF STATION	nos	4	4	4	4
19	MAXIMUM BORING BAR CAPACITY	mm	32	32	40	40
20	TURNING TOOL SIZE	mm	25x25	25x25	25x25	25x25
LUBRICATION SYSTEM						
21	LUBRICATION SYSTEM		AUTO	AUTO	AUTO	AUTO
TAILSTOCK (optional)						
22	TAILSTOCK QUILL TRAVEL	mm	100	125	150	200
23	TAILSTOCK QUILL DIAMETER	mm	50	50	75	75
24	TAILSTOCK QUILL TAPER		MT-4	MT-4	MT-5	MT-5
CONTROLLER SYSTEMS						
25	CONTROLLER		Siemens/Fanuc/Mitsubishi	Siemens/Fanuc/Mitsubishi	Siemens/Fanuc/Mitsubishi	Siemens/Fanuc/Mitsubishi
ACCURACY						
26	ACCURACY	mm	0.050	0.050	0.050	0.050
STRUCTURE						
27	BASE TYPE		SHIMOGA (Leg Type)	SHIMOGA (Leg Type)	PLANO (Single Piece)	PLANO (Single Piece)
28	OVERALL DIMENSION in mm (LxWxH)	mm	2600 x 1250 x 1650	2900 x 1400 x 1700	3000 x 1700 x 1800	3100 x 1950 x 1825
29	APPROX. WEIGHT	kg	2300	3000	3500	4000

OPTIONAL EQUIPMENT

- Hollow Chuck (Hydraulic / Pneumatic / Manual)
- 8/12 Station Tool Turret
- Upto 350mm Through Hole In Spindle Available

- Live Tool Turret
- Turning Length as per Requirement
- LM Guideways available
- Steady Rest (manual / hydraulic)

- Stabilizer
- Servo Motor In Spindle
- Manual / Hydraulic Tailstock
- Grinding / Keyway Attachment

CNC Lathe Machine – Flat Bed

Extra Heavy Duty

- Extra Heavy Duty Machine
- Box Guide Ways
- High Cut Machine



SR. NO	DESCRIPTION	UNIT	TCP-H-500L	TCP-H-600L	TCP-H-800L	TCP-H-1000L
CAPACITY						
1	MAXIMUM TURNING DIAMETER (s.o.B.)	mm	800	1000	1400	1800
2	STANDARD TURNING DIAMETER (s.o.c.)	mm	600	800	1000	1400
3	STANDARD TURNING LENGTH	mm	300	300	600	600
•	TURNING LENGTH (Availability)	mm	600 / 900 / 1200 / 1500 / 2000 / 2500 / 3000 / 3500 / 4000 / 4500 / 5000	600 / 900 / 1200 / 1500 / 2000 / 2500 / 3000 / 3500 / 4000 / 4500 / 5000	900 / 1200 / 1500 / 2000 / 2500 / 3000 / 3500 / 4000 / 4500 / 5000	900 / 1200 / 1500 / 2000 / 2500 / 3000 / 3500 / 4000 / 4500 / 5000
4	WIDTH OF BED	mm	600	750	1000	1200
5	HEIGHT OF CENTER	mm	500	600	800	1000
SPINDLE						
6	SPINDLE NOSE		A2-8	A2-11	A2-15	A2-15
7	MAX. BAR CAPACITY (in Hollow Chuck)	mm	70	100	125	125
8	SPINDLE SPEED	rpm	600	600	300	300
9	SPINDLE MOTOR POWER (Induction)	hp	20	25	30	40
10	STANDARD CHUCK SIZE	mm	400x3 JAW (closed chuck)	530x3 JAW (closed chuck)	630x3 JAW (closed chuck)	800x3 JAW (closed chuck)
AXIS						
11	X-AXIS STROKE	mm	400	500	700	900
12	X-AXIS RAPID	m/min	6	6	4	4
13	X-AXIS GUIDEWAYS		BOX TYPE	BOX TYPE	BOX TYPE	BOX TYPE
14	Z-AXIS STROKE	mm	300	300	600	600
15	Z-AXIS RAPID	m/min	5	5	4	4
16	Z-AXIS GUIDEWAYS		HARDENED AND GROUND	HARDENED AND GROUND	HARDENED AND GROUND	HARDENED AND GROUND
TOOLING						
17	TURRET		SQTP190	SQTP190	SQTP190	SQTP190
18	NO. OF STATION	nos	4	4	4	4
19	MAXIMUM BORING BAR CAPACITY	mm	50	50	50	50
20	TURNING TOOL SIZE	mm	25x25	25x25	32x32	32x32
LUBRICATION SYSTEM						
21	LUBRICATION SYSTEM		AUTO	AUTO	AUTO	AUTO
TAILSTOCK (optional)						
22	TAILSTOCK QUILL TRAVEL	mm	200	200	200	200
23	TAILSTOCK QUILL DIAMETER	mm	75	75	100	100
24	TAILSTOCK QUILL TAPER		MT-5	MT-5	MT-6	MT-6
CONTROLLER SYSTEMS						
25	CONTROLLER		Siemens/Fanuc/Mitsubishi	Siemens/Fanuc/Mitsubishi	Siemens/Fanuc/Mitsubishi	Siemens/Fanuc/Mitsubishi
ACCURACY						
26	ACCURACY	mm	0.050	0.050	0.050	0.050
STRUCTURE						
27	BASE TYPE (Single Piece Casting)		PLANO (Single Piece)	PLANO (Single Piece)	PLANO (Single Piece)	PLANO (Single Piece)
28	OVERALL DIMENSION(LxWxH)	mm	3400 x 2150 x 2000	3600 x 2100 x 2200	4700 x 2800 x 2600	4700 x 3000 x 2200
29	APPROX. WEIGHT	kg	5300	6800	8800	11200

OPTIONAL EQUIPMENT

- Hollow Chuck (Hydraulic / Pneumatic / Manual)
- 8/12 Station Tool Turret
- Upto 350mm Through Hole In Spindle Available

- Live Tool Turret
- Turning Length as per Requirement
- LM Guideways available
- Steady Rest (manual / hydraulic)

- Stabilizer
- Servo Motor In Spindle
- Manual / Hydraulic Tailstock
- Grinding / Keyway Attachment

CNC Roll Turning Lathe Machine



Sr No.	Parameters	TCP-H-600x3000	TCP-H-800x4000	TCP-H-1000x5000
1	Max. Turning Length	3000mm	4000mm	5000mm
2	Max. Turning Diameter	600mm	800mm	1000mm
3	Height Of Center	525mm	635mm	750mm
4	Width Of Bed	760mm	900mm	1100mm
5	Guideways	4	4	4+1
6	Bed Type	One Piece Plano	One Piece Plano	One Piece Plano
7	Headstock Spindle Taper	MT 6	MT 6	MT 6
8	Spindle Front Axial Diameter	215mm	215mm	250mm
9	Chuck (Manual Dog)	600x4 Jaw	750x4 Jaw	1000x4 Jaw
10	Chuck Clamping Diameter	100-500mm	150-600mm	200-800mm
11	Max. Workpiece Weight	6 Ton	8 Ton	10 Ton
12	Tailstock Quill Diameter	150mm	175mm	200mm
13	Tailstock Quill Travel	250mm	300mm	350mm
14	Tailstock Quill Taper	MT 6	MT 6	MT 6
15	Tailstock Movable	Manual	Manual	Manual
16	Tailstock Quill Movable	Manual / Hydraulic	Manual / Hydraulic	Manual / Hydraulic
17	Spindle Speed	20-100 RPM	20-100 RPM	10-80 RPM
18	Spindle Main Motor	22 KW Induction	30 KW Induction	37 KW Induction
19	X-Axis Cross Feed Speed	2-3000 mm/min	2-3000 mm/min	2-2500 mm/min
20	Z-Axis Longitudinal Feed Speed	2-3000 mm/min	2-3000 mm/min	2-2500 mm/min
21	X-Axis Cross Rapid Movement	5000 mm/min	4500 mm/min	4000 mm/min
22	Z-Axis Longitudinal Rapid Movement	4000 mm/min	4000 mm/min	3500 mm/min
23	Controller System	Siemens / Fanuc	Siemens / Fanuc	Siemens / Fanuc
24	Headstock Bearing	Taper Roller	Taper Roller	Taper Roller
25	X-Ball screw Diameter	50mm	50mm	63mm
26	Z-Ball screw Diameter	63mm	63mm	80mm
27	Headstock Driven	V- Belt / All Geared	V- Belt / All Geared	V- Belt / All Geared
28	Toolpost (Fixed Type)	One Piece Two Position	One Piece Two Position	One Piece Two Position
29	Tool Holder Size	40x40mm	40x40mm	50x50mm
30	Machine Weight	10 Ton	14 Ton	20 Ton
31	Machine Packing Size (LxWxH)	6500 x 2000 x 1950	7800 x 2300 x 2100	9050 x 2700 x 2400

The Specification are not binding in detail the design subject to modification and improvement without notice.

Roll Hardness Up To 85 HRC



Features

- High Torque capacity at Head stock Face plate.
- Zero backlash with ball screw
- Provision for higher cutting force
- 4 Guide way or 5 guide way bed
- Accurate geometric Dimensions of Fitment parts
- Telescopic cover to protect guideways
- Rough and Finish Machining is achieved in the Lathe and with Siemens CNC System programming
- Remote diagnostics with ethernet ready machine

Optional Accessories

- Hydraulic Quill
- Motorised Tailstock
- Steady rest
- Motorised Turret
- Chip Conveyor
- Revolving centre
- Tool Shank / Insert
- Stabilizer

CNC Roll Turning Lathe Machine



Sr No.	Parameters	TCP-H-1300x5000	TCP-H-1500x6000
1	Max. Turning Length	5000mm	6000mm
2	Max. Turning Diameter	1300mm	1500mm
3	Height Of Center	900mm	1050mm
4	Width Of Bed	1450mm	1600mm
5	Guideways	4+1	4+1
6	Bed Type	One Piece Plano	One Piece Plano
7	Headstock Spindle Taper	MT 6	MT 6
8	Spindle Front Axial Diameter	280mm	280mm
9	Chuck (Manual Dog)	1000x4 Jaw	1250x4 Jaw
10	Chuck Clamping Diameter	200-800mm	200-1000mm
11	Max. Workpiece Weight	18 Ton	23 Ton
12	Tailstock Quill Diameter	250mm	300mm
13	Tailstock Quill Travel	350mm	350mm
14	Tailstock Quill Taper	Metric-80	Metric-80
15	Tailstock Movable	Motorised with Gearbox	Motorised with Gearbox
16	Tailstock Quill Movable	Manual / Hydraulic	Manual / Hydraulic
17	Spindle Speed	10-80 RPM	5-60 RPM
18	Spindle Main Motor	55 KW	55 KW
19	X-Axis Cross Feed Speed	2-2500 mm/min	2-2500 mm/min
20	Z-Axis Longitudinal Feed Speed	2-2500 mm/min	2-2000 mm/min
21	X-Axis Cross Rapid Movement	2000 mm/min	2000 mm/min
22	Z-Axis Longitudinal Rapid Movement	2000 mm/min	2000 mm/min
23	Controller System	Siemens / Fanuc	Siemens / Fanuc
24	Headstock Bearing	Taper Roller	Taper Roller
25	X-Ball screw Diameter	63mm	63mm
26	Z-Ball screw Diameter	80mm	80mm
27	Headstock Driven	V-belt / All Geared	V-belt / All Geared
28	Toolpost (Fixed Type)	One Piece Two Position	One Piece Two Position
29	Tool Holder Size	40x40mm	50x50mm
30	Machine Weight	23 Ton	28 Ton
31	Machine Packing Size (LxWxH)	9500 x 2700 x 2400	10300 x 3300 x 2800

The Specification are not binding in detail the design subject to modification and improvement without notice.

Roll Hardness Up To 85 HRC



Advantages

- Reduced downtime by eliminating the manual Turning of rolls
- Faster machining
- Ideal for machining split pass forms
- Easily replaces more than 4 manual lathes and frees up the space and complexity on the workshop.
- Suitable for composite and carbide rolls
- Significantly reduces the operation time and Operator time
- Cost savings through reduced inventory of rolls

Optional Accessories

- Steady Rest
- Motorised Turret
- Chip Conveyor
- Revolving Centre
- Tool Shank / Insert
- Stabilizer

VMC Drill Machine – 3 Axis



**BEST SOLUTION FOR
PCD AND PLATE
DRILLING**

Sr. No	DESCRIPTION	UNIT	TCP V500 (3AXIS)	TCP V1000 (3AXIS)	TCP V1250 (3AXIS)	TCP V1600 (3AXIS)	TCP V1800 (3AXIS)	TCP V2000 (3AXIS)
1	Max. Accommodate Diameter / Size	mm	500	1000	1250	1600	1800	2000
2	Length Of Workpiece W/O Interference	mm	300	300	300	300	300	300
3	Max. Drilling Capacity (U-drill)	mm	40	55	55	55	55	55
4	Width Of Base	mm	375	600	900	1050	1050	1300
5	Axis Travel (X / Y / Z)	mm	500/500/400	1000/1000/400	1250/1250/400	1600/1600/400	1800/1800/400	2000/2000/400
6	Axis Guideways (X / Y / Z)	mm	Box Guideways / Hardened & Ground/ 35LM Guideways	Box Guideways / Hardened & Ground/ 55LM Guideways	Box Guideways / Hardened & Ground/ 55LM Guideways	Box Guideways / Hardened & Ground/ 65LM Guideways	Box Guideways / Hardened & Ground/ 65LM Guideways	Box Guideways / Hardened & Ground/ 65LM Guideways
7	Distance From Spindle To Plate / Chuck - Min. - Max.	mm	50 - 300	75 - 350	75 - 350	100 - 350	100 - 350	100 - 350
8	Clamping Chuck	mm	300 X 4 Jaw Manual	600 X 4 Jaw Manual	600 X 4 Jaw Manual	NO CHUCK	NO CHUCK	NO CHUCK
9	Table Size	mm	300 X 350	500 X 500	500 X 500	1600 X 1600 With T - Slot Plate	1800 X 1800 With T - Slot Plate	2000 X 2000 With T - Slot Plate
10	Controller		Siemens/ Mitsubishi	Siemens/ Mitsubishi	Siemens/ Mitsubishi	Siemens/ Mitsubishi	Siemens/ Mitsubishi	Siemens/ Mitsubishi
11	Max. RPM	rpm	2000	1500	1500	1500	1500	1500
12	Spindle Main Motor	hp	10	20	20	20	20	20
13	Lubrication System		Auto	Auto	Auto	Auto	Auto	Auto
14	Coolant Through Spindle (CTS)		Included	Included	Included	Included	Included	Included
15	Overall Dimension (L X W X H)	mm	2800 X 1900 X 2350	4000 X 3000 X 2800	4300 X 3000 X 2800	4600 X 3900 X 3000	5000 X 3500 X 3000	5400 X 4000 X 3000
16	Approx Weight.	kg	3500	7500	9500	13000	14500	16500

OPTIONAL EQUIPMENT

- LM GUIDEWAYS IN X AND Y AXIS
- ATC - AUTOMATIC TOOL CHANGER
- SERVO MOTORISED SPINDLE FOR DRILL TAP
- SERVO MOTORISED SPINDLE FOR HIGHER RPM
- T SLOT TABLE
- SPINDLE BT 40 / BT 50

CNC Drill Machine – 2 Axis



CNC PCD Drill Machine 2 Axis

SR.NO	DESCRIPTION	TCP V 500(2AXIS)
1	MAX. ACCOMMODATE DIAMETER (WORKING)	500 mm
2	MAX. DRILLING CAPACITY (U-DRILL)	40 mm
3	WIDTH OF BASE	375 mm
4	X-TRAVEL	360° Indexing
5	Z-TRAVEL	400 mm
6	X-AXIS TYPE	Rotary
7	Z-AXIS TYPE	35 LM Guide ways
8	SPINDLE TO CHUCK DISTANCE	300 mm
9	CONTROLLER	SIEMENS
10	CLAMPING CHUCK	300X4 JAW MANUAL
11	MAX. RPM	2000 RPM
12	SPINDLE MAIN MOTOR	10HP
13	LUBRICATION SYSTEM	AUTO
14	OVERALL DIMENSION(L X W X H)	2200X1500X2300
15	APPROX WEIGHT	2500 kg

VMC 3 Axis Machine – ATC (Drill-Tap)



VMC 3 Axis Machine - ATC

SR.NO	DESCRIPTION	TCP-V 500(3AXIS)	TCP V 1000(3AXIS)
1	MAX. ACCOMMODATE DIAMETER (WORKING)	MAX. OD. 500 mm	MAX. OD. 1000 mm
2	MAX. DRILLING CAPACITY (U-DRILL)	40 mm	55 mm
3	WIDTH OF BASE	375 mm	600 mm
4	X-TRAVEL	500+25 mm	1000+25 mm
5	Y-TRAVEL	500+25 mm	1000+25 mm
6	Z-TRAVEL	400 mm	400 mm
7	X-AXIS TYPE	BOX GUIDEWAYS	BOX GUIDEWAYS
8	Y-AXIS TYPE	HARDEND&GROUND	HARDEND&GROUND
9	Z-AXIS TYPE	35 LM Guide ways	55 LM Guide ways
10	SPINDLE TO CHUCK DISTANCE	300 mm	350 mm
11	CONTROLLER	SIEMENS / MITSUBISHI	SIEMENS / MITSUBISHI
12	CLAMPING CHUCK	300X4 JAW MANUAL	600X4 JAW MANUAL
13	MAX. RPM	4000 RPM (SERVO)	4000 RPM (SERVO)
14	SPINDLE MAIN MOTOR	10HP	20HP
15	LUBRICATION SYSTEM	AUTO	AUTO
16	OVERALL DIMENSION(L X W X H)	2800 x 1900 x 2650	4000 x 3000 x 3200
17	APPROX WEIGHT	3800 kg	8500 kg
18	SPINDLE	BT40	BT40
19	COOLANT THROUGH SPINDLE (CTS)	INCL.	INCL.
20	ATC	12 TOOLS	12 TOOLS

OPTIONAL EQUIPMENT

- Hydraulic Chuck
- Spindle BT 40
- Servo Spindle Motor

**BEST SOLUTION FOR
DRILL AND TAPPING**

CNC Turning Machine – Slant Bed



- The 30 Degree Slant Bed
- One Piece Structure
- Small Foot Print
- X,Z Rapid Transverse 24 m/min
- Linear Guideways on X and Z Axis
- C Axis Available
- Full Splash Guard

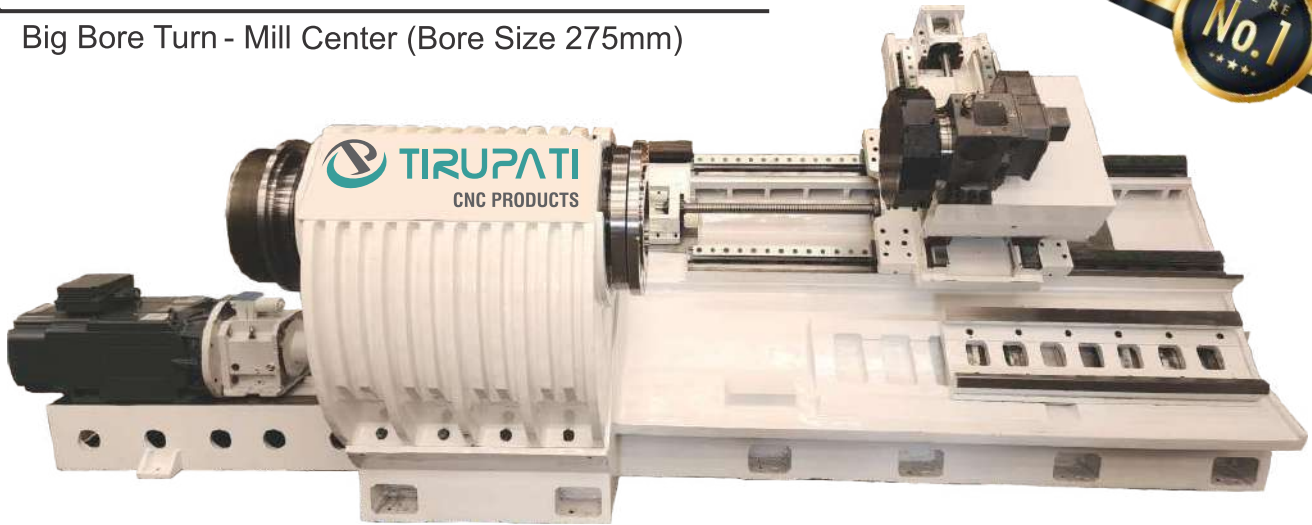
SR.NO	DESCRIPTION	UNIT	TBX-200L		TBX-300L		TBX-400L	TBX-500L	TBX-600L
			TBX-200LA	TBX-200LB	TBX-300LA	TBX-300LB			
CAPACITY									
1	SWING OVER BED	mm	340		500	500	600	700	800
2	MAXIMUM TURNING DIAMETER	mm	200		300	300	400	500	600
3	MAXIMUM TURNING LENGTH	mm	300	500	300	600	450	600	600
	TURNING LENGTH - AVAILABILITY		Upto 1500		Upto 2000		Upto 3000	Upto 3000	Upto 3000
TRAVERSES									
4	X AXIS STROKE	mm	125+25	125+25	150+25	150+25	200+25	250+25	300+25
5	Z AXIS STROKE	mm	350	550	350	650	450	600	600
6	X/ Z RAPID FEED RATE	m/min	24		24		20	20	15
BALLSCREW									
7	X AXIS BALLSCREW	mm	32		32	40	40	50	
8	X-AXIS MOTOR TORQUE	Nm.	Siemens - 7 Fanuc - 8		Siemens - 7 Fanuc - 8	Siemens - 7 Fanuc - 8	Siemens - 7 Fanuc - 8	Siemens - 7 Fanuc - 8	
9	Z-AXIS BALLSCREW	mm	32		32	40	40	50	
10	Z-AXIS MOTOR TORQUE	Nm.	Siemens - 7 Fanuc - 8		Siemens - 7 Fanuc - 8	Siemens - 7 Fanuc - 8	Siemens - 7 Fanuc - 8	Siemens - 7 Fanuc - 8	
11	X/Z AXIS LM SIZE	mm	35 / 35		35 / 35	35 / 45	45 / 45	45 / 55	
SPINDLE									
12	SPINDLE NOSE		A2-5		A2-6	A2-8	A2-8	A2-11	
13	HOLE THROUGH SPINDLE	mm	38		63	100	100	100	
14	MAXIMUM BAR CAPACITY	mm	26		51	70	70	75	
15	SPINDLE MOTOR POWER - SERVO	hp	7.5		10	15	20	30	
16	SPINDLE SPEED	rpm	3500		3000	2500	1500	1000	
17	CHUCK SIZE (Hollow)	mm	200 x 3 Jaw		300 x 3 Jaw	400 x 3 Jaw	500 x 3 Jaw	600 x 3 Jaw	
TOOLING									
18	NO OF STATION	nos	8		8	8	8	8	
19	TOOL SHANK	mm	25 x 25		25 x 25	25 x 25	32 x 32	32 x 32	
20	MAX BORING BAR CAPACITY	mm	40		40	40	40	40	
ACCURACY									
21	POSITIONING ACCURACY	mm	0.01		0.01	0.01	0.016	0.016	
22	REPEATABILITY	mm	0.006		0.006	0.006	0.006	0.006	
TAILSTOCK									
23	TAILSTOCK MOVEMENT		N/A		HYD.	HYD.	HYD.	HYD.	
24	QUILL TAPER		MT-4		MT-4	MT-4	MT-5	MT-5	
25	QUILL DIAMETER	mm	75		75	75	100	100	
26	QUILL STROKE	mm	100		100	100	125	125	
CONTROLLER SYSTEMS									
28	CONTROLLER		Fanuc / Siemens / Mitsubishi						
OTHER DATA									
29	APPROX. WEIGHT	kg	2800	3300	3600	4200	5000	6300	8000

OPTIONAL EQUIPMENT

- Hydraulic Collet Chuck
- Live Tool Turret
- Bar Feeder
- Auto Door
- Chip Conveyor
- Stabilizer
- Bar Puller

Special Achievement

Big Bore Turn - Mill Center (Bore Size 275mm)



- ◆ Turret :- BARUFFALDI (12 STATIONS)
- ◆ Max. Turning Dia.:- 900 mm
- ◆ CNC :- SIEMENS 840D SL (TOUCH SCREEN)
- ◆ Turning Length :- 1200 mm
- ◆ Twin Chuck :- 560 x 3 JAW (AUTOGRIP TAIWAN)
- ◆ Spindle Nose :- A2 - 20
- ◆ Pneumatic Chuck
- ◆ Turn Mill Center

Clientele

 ऑयल इंडिया लिमिटेड Oil India Limited	 vedanta	 ECHJAY INDUSTRIES	 adani	 MASS GLOBAL GROUP MASSPLANCE FORGE	 Tirupati Forge Limited
 Eickhoff	 JSW	 KALYANI BHARAT FORGE	 FFG MAG	 DEEM ROLL-TECH LIMITED	 OMNITECH
 WELSPUN	 SUZLON	 TATA	 RATNAMANI METALS & TUBES LTD.	 HLR UNIVERSAL INDIA	 BHT BHT FORGE
 sun Forge	 MAN Industries (India) Ltd	 SURAJ	 UNITED DRILLING TOOLS LTD	 UTKARSH TMT BARS	 GM

SALES & SERVICE NETWORK :

GUJARAT	TAMIL NADU
MAHARASHTRA	TELANGANA
KARNATAKA	ODISHA
ANDHRA PRADESH	WEST BENGAL
GOA	BIHAR
KERALA	UTTAR PRADESH
CHHATTISGARH	DELHI
AHMEDABAD	GHAZIABAD
CHENNAI	BANGALORE
BELGAUM	MUMBAI

UTTRAKHAND
RAJASTHAN
MADHYA PRADESH
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TIRUPATI CNC PRODUCTS

UNIT - 1

Plot No. 15-16-17 Survey No. 255, Reveira Industrial Estate,
Shitalamataji Temple Road, Kishan Cement Gate,
Nr. PGVCL Substation, Shapar (Veraval) Rajkot - 360024.

UNIT - 2

Plot No. 9 to 15 Survey No. 255, Tirupati Industrial Estate,
Shitalamataji Temple Road, Kishan Cement Gate,
Nr. PGVCL Substation, Shapar (Veraval) Rajkot - 360024.

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