

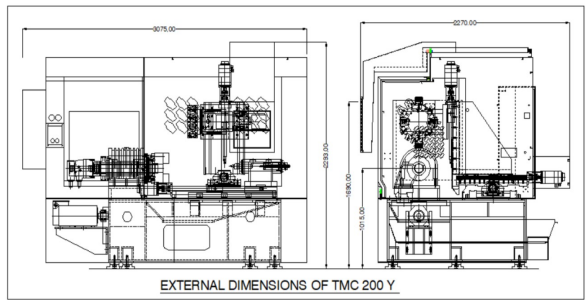


SANDS

SLANT BED CNC TURN MILL CENTERS WITH Y AXIS

	DESCRIPTION	UNIT	TMC 200 Y	
1	CNC	CNC SYSTEM	FANUC 0i TF PLUS	
2	CAPACITY	MAXIMUM MACHINING DIAMETER	250	
		MAXIMUM TURNING LENGTH	430	
		SWING OVER CARRIAGE	480	
3	AXIS TRAVEL	SWING OVER COVERS	310	
		DRIVES	DIGITAL AC SERVO	
		X - AXIS STROKE	200	
		Y - AXIS STROKE	110 (-55 TO +55)	
		Z - AXIS STROKE	500	
		NO OF AXES SIMULTANEOUSLY WORKING (X, Y, Z & C-AXIS)	4	
		L M GUIDES (ROLLER TYPE) X/Y/Z	35/35/45	
		AXIS MOTOR TORQUE X/Y/Z	11 / 7 / 7	
		RAPID MOVEMENT	met/min	20
		BALL SCREWS DIA. & CLASS	32 mm, C3 CLASS	
		POSITIONAL ACCURACY	mm	0.008
REPEATABILITY	mm	±0.003		
4	SPINDLE	SPINDLE TYPE	CARTRIDGE	
		SPINDLE NOSE	A2-6 / A2-8	
		CHUCK DIAMETER	200	
		SPINDLE SPEED MAX.	RPM	3000 / 4000
		SPINDLE POWER CONTINUOUS	kw	11
		SPINDLE POWER 15 MINUTES	kw	15
		SPINDLE BORE DIAMETER	mm	63 / 90
		SPINDLE BEARING BORE DIAMETER	mm	100 / 120
		SPINDLE CONFIGURATION	5 BEARINGS	
		BAR CAPACITY	mm	51 / 63
5	C-AXIS	MINIMUM PROGRAMMABLE VALUE	DEGREE	0.01
		MAX RAPID TRAVERSE	RPM	200 RPM
5	TOOLING	TURRET	PRAGATI	
		TYPE OF OPERATION	SERVO FOR INDEXING AND HYDRAULIC CLAMPING	
		NO OF POSITIONS	12	
		TOOL SHAFT	mm	BMT 45
		MAX TURNING TOOL CROSS SECTION	mm	20 x 20 / 25 X 25
		MAX BORING BAR SIZE	mm	32 / 40
		MAX DRILL SIZE	mm	20
		MAX END MILL/SLOT MILL SIZE	mm	25
		MAX LIVE TOOL SPEED	RPM	3000 / 5000
		LIVE TOOL POWER (CONT/15 MIN)	kw	2.2/3.70 3.7/5.5
6	DRIVEN TOOL CAPACITY	TORQUE ON THE LIVE TOOL	Nm	14 / 17.70
		QUILL DIAMETER	mm	90
		QUILL TAPER	kgf	MT - 4
		QUILL FORCE	mm	490
		QUILL STROKE	mm	110
		BASE TRAVEL	mm	400
		ELECTRIC POWER CONTINUOUS	kVA	20
		ELECTRIC POWER 15 MINUTES	kVA	25
		COOLANT TANK CAPACITY	Ltrs	100
		HYDRAULIC TANK CAPACITY	Ltrs	40
9	TANK CAPACITY	COOLANT TANK CAPACITY	Ltrs	100
		HYDRAULIC TANK CAPACITY	Ltrs	40
10	LUBRICATION	CENTRALIZED LUBRICATION	Ltrs	2.70
11	MACHINE SIZE	MACHINE HEIGHT	mm	2300
		FLOOR SPACE L X W	mm x mm	3100 X 2200
		MACHINE WEIGHT (APPROX)	Kgs	4200

- STANDARD ACCESSORIES**
- TWO NOS BMT 45 OD TURNING TOOL POCKETS (STATIC HOLDER)
 - TWO NOS BMT 45 ID TURNING TOOL POCKETS (STATIC HOLDER)
 - ONE NO BMT 45 COLLET CHUCK ER 32 (STATIC HOLDER)
 - EIGHT NOS BMT 45 BLANKING PLUGS
 - 200 DIA 3 JAW HOLLOW POWER CHUCK WITH HOLLOW CYLINDER
 - TAIL STOCK WITH PROGRAMMABLE QUILL WITH REVOLVING CENTER
 - MANUAL PULSE GENERATOR
 - 3 TIER LED PATROL LAMP
 - SET OF REDUCTION SLEEVES
 - SET OF STANDARD SERVICE TOOLS/AC PANEL COOLER
 - LEVELLING PADS
- OPTIONAL ACCESSORIES**
- BMT 45 LIVE TOOLS (0DEGREE AND 90 DEGREE)
 - BMT 45 COLLET CHUCKS
 - BMT 45 STATIC HOLDERS
 - BMT 45 SPECIAL HOLDERS
 - COLLET CHUCK FOR SPINDLE
 - VOLTAGE STABILISER
 - HIGH PRESSURE COOLANT SYSTEM
 - DUAL PRESSURE CHUCK ACTUATION
 - CHIP CONVEYOR WITH TILTING CHIP BIN



SANDS PRECISION PVT. LTD
M1, 5th cross, 1st Stage Peenva Industrial Estate, Bangalore - 560 058
Phone :- +91 8722801464
Email :- sandsprecision@gmail.com
Website:- <http://www.sandsprecision.in>

The specifications mentioned in this catalogue may be changed without notice owing to continuous upgradation of the products.