



TravelTravel in Xmm190Travel in Ymm100Travel in Ymm100Travel in Zmm100Rotation on A AxisDeg± 30Rotation on B AxisDeg± 360CapacityTool Collet SizemmDia 100 x 10-30 mmMachinable MaterialsMmDia 100 x 10-30 mmSpindleSpindleSpindleSizeHigh frequency Motorised SpindleSpindle PowerKw0.5 (Max)Axis Resolutionmm0.001Axis Repeatabilitymm0.001Axis RepeatabilityZ-Axis15 CA / H Grade / Ball TypeBall Screw X,Y&ZmmDia 16 x 5 / C3 ClassRapid Motion Speed and Feed Rate X,Y&Zm/min1.5Programmable Feed Ratem/min1.5Axes Motor Torque X,Y&ZMm2Controller TypeMPC Based	SPECIFICATIONS			
Travel in Ymm100Travel in Zmm100Rotation on A AxisDeg± 30Rotation on B AxisDeg± 360CapacityTool Collet SizemmDia 100 x 10-30 mmDia 3Disk SizemmDia 100 x 10-30 mmMachiniable MaterialsWax, Zircon and CoCr (Pre-sintered)SpindleSizeHigh frequency Motorised SpindleSpindleSizeHigh frequency Motorised SpindleSpindle Speed rangeRPM5000-60,000Spindle PowerKw0.5 (Max)AxesAxis ResolutionAxis Resolutionmm0.001Axis Repeatabilitymm±0.005Guide WaysZ-Axis15 CA / H Grade / Ball TypeBall Screw X,Y&ZmmDia 16 x 5 / C3 ClassRapid Motion Speed and Feed Rate X ,Y& Zm/min1.5Axes Motor Torque X ,Y& ZNm2Controller2	Travel			
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Axis Resolutionmm0.001Axis Accuracymm0.01Axis Repeatabilitymm±0.005Guide WaysZ-Axis15 CA / H Grade / Ball TypeBall Screw X,Y&ZmmDia 16 x 5 / C3 ClassRapid Motion Speed and Feed Rate X ,Y&Zm/min1.5Programmable Feed Ratem/min1.5Axes Motor Torque X ,Y&ZNm2Controller	Spindle Power	Kw	0.5 (Max)	
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Guide WaysZ-Axis15 CA / H Grade / Ball TypeBall Screw X,Y&ZmmDia 16 x 5 / C3 ClassRapid Motion Speed and Feed Rate X ,Y&Zm/min1.5Programmable Feed Ratem/min1.5Axes Motor Torque X ,Y&ZNm2Controller	Axis Accuracy	mm	0.01	
Ball Screw X,Y&ZmmDia 16 x 5 / C3 ClassRapid Motion Speed and Feed Rate X ,Y& Zm/min1.5Programmable Feed Ratem/min1.5Axes Motor Torque X ,Y& ZNm2Controller	Axis Repeatability	mm	±0.005	
Rapid Motion Speed and Feed Rate X ,Y& Zm/min1.5Programmable Feed Ratem/min1.5Axes Motor Torque X ,Y& ZNm2Controller		Z-Axis	15 CA / H Grade / Ball Type	
Programmable Feed Rate m/min 1.5 Axes Motor Torque X, Y& Z Nm 2 Controller	Ball Screw X,Y&Z	mm	Dia 16 x 5 / C3 Class	
Axes Motor Torque X ,Y& Z Nm 2 Controller	Rapid Motion Speed and Feed Rate X ,Y& Z	m/min	1.5	
Controller	Programmable Feed Rate	m/min	1.5	
	Axes Motor Torque X,Y& Z	Nm	2	
Controller Type PC Based				
	Controller Type	roller Type PC Based		
No of Simultaneous Axis 5	No of Simultaneous Axis		5	

ATC

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension, Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India, Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com Website: www.tesca.in



TESCA

No. of Tool Stations	Nos.	6		
Shank Diameter for Tool	mm	Dia 3 mm		
Automatic Tool Offset Sensor		Yes		
Power Source				
Voltage Supply Std (Other options avl on request)	V	110V or 230V±2%, Single Phase, 50/60 Hz		
Power Requirement	KVA	2		
Dimensions				
Dimensions L x W x H	mm	780 x 800 x 850		
Total Weight	kg	150(Approx)		
AM Software Maykadent				
Tools: 1 set of roughing and finishing tool for Zircone, 1 set of roughing and finishing tool for Wax, PMMA				

UTILITIES TO BE ARRANGED BY THE BUYER AT SITE

- Compressed Air Supply minimum 6 bar pressure
- 5KVA Servo Stabilizer, Single phase (if fluctuation is high)
- PC With latest configuration of at least 8GB RAM, 520GB Hard disk, Minimum Windows 7 Operating system, built-in graphics displays and NVIDIA GEForce GTX 745 or better, Display unit, Mouse, Keyboard and with UPS. Full computer configuration will be provided along with proforma invoice

Order	Ordering Details				
SN.	Order Code	Details			
1.	54006	Included in the package:			
		5 Axis Machine with 6 station tool changer (Servo Motors)			
		CNC 3+2 axis desktop milling machine			
		4th + 5th axis rotary table			
		Set of Operations and Maintenance manuals			
		Commissioning, demonstration and calibration videos			
2.	54006A	Export Packing			
3.	54006B	Tooling Package			
		Set of tools (1 set of roughing and finishing tool, 1 set of roughing and finishing tool for Wax)			

Note: Specifications are subject to change.

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