



SPECIFICATIONS

Travel		
Travel in X	mm	100
Travel in Y	mm	190
Travel in Z	mm	100
Rotation axis	Deg	± 360
Capacity		
Tool Collet Size	mm	Dia 3
Disk Size	mm	Dia 100 x 10-30 mm
Machinable Materials		Wax, Zircon and CoCr (Pre-sintered)
Spindle		
Spindle	Size	High frequency Motorised Spindle
Spindle Speed range	RPM	5000-60,000
Spindle Power	Kw	240W
Axes		
Axis Resolution	mm	0.001
Axis Accuracy	mm	0.01
Axis Repeatability	mm	±0.005
Guide Ways	Z-Axis	15 CA / H Grade / Ball Type
Ball Screw X,Y&Z	mm	Dia 16 x 5 / C3 Class
Rapid Motion Speed and Feed Rate X ,Y& Z	m/min	1.5
Programmable Feed Rate	m/min	1.5
Axes Motor Torque X ,Y& Z	Nm	2
Axis motor		Stepper type
Controller		
Controller Type		Dedicated CNC Control
No of Simultaneous Axis		4

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



ATC		
No. of Tool Stations	Nos.	6
Shank Diameter for Tool	mm	Dia 3 mm
Automatic Tool Offset Sensor		Yes
Tool Breakage 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	605X900X770
Total Weight	kg	130
Mist Coolant		Optional
Vacuum Outlet		Yes
CAM Software		Maykament
Tools: 1 set of roughing and finishing tool for Zircon, 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

Ordering Details		
SN.	Order Code	Details
1.	54005	Included in the package: 4 Axis Machine with 6 station tool changer (Servo Motors) CNC 4-axis desktop milling machine 4th axis rotary table Set of Operations and Maintenance manuals Commissioning, demonstration and calibration videos
2.	54005A	Export Packing
3.	54005B	Tooling Package Set of tools (1 set of roughing and finishing tool, 1 set of roughing and finishing tool for

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

