



## SPECIFICATIONS

<b>Travel</b>		
Travel in X	mm	190
Travel in Y	mm	100
Travel in Z	mm	100
Rotation on A Axis	Deg	± 30
Rotation on B Axis	Deg	± 360
<b>Capacity</b>		
Tool Collet Size	mm	Dia 3
Disk Size	mm	Dia 100 x 10-30 mm
Machinable Materials		Wax, Zircon and CoCr (Pre-sintered)
<b>Spindle</b>		
Spindle	Size	High frequency Motorised Spindle
Spindle Speed range	RPM	5000-60,000
Spindle Power	Kw	0.5 (Max)
<b>Axes</b>		
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
<b>Controller</b>		
Controller Type		PC Based
No of Simultaneous Axis		5

ATC

Note: Specifications are subject to change.

### **Tesca Technologies Pvt. Ltd.**

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No. of Tool Stations	Nos.	6
Shank Diameter for Tool	mm	Dia 3 mm
Automatic Tool Offset Sensor		Yes
<b>Power Source</b>		
Voltage Supply Std (Other options avl on request)	V	110V or 230V±2%, Single Phase, 50/60 Hz
Power Requirement	KVA	2
<b>Dimensions</b>		
Dimensions L x W x H	mm	780 x 800 x 850
Total Weight	kg	150(Approx)
CAM Software		Maykament
<b>Tools:</b> 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

<b>Ordering Details</b>		
<b>SN.</b>	<b>Order Code</b>	<b>Details</b>
<b>1.</b>	<b>54006</b>	<b>Included in the package:</b> 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
<b>2.</b>	<b>54006A</b>	<b>Export Packing</b>
<b>3.</b>	<b>54006B</b>	<b>Tooling Package</b> Set of tools (1 set of roughing and finishing tool, 1 set of roughing and finishing tool for Wax)

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