

Stratadent - 5WD



WORLD CLASS
5-Axis Dental CAD / CAM Milling Machine
For Wet and Dry Milling

CAPABILITIES



Crowns



Copings



Bridges



Onlays



Inlays



Veneer

MATERIALS

ZIRCONIA

PRE SINTERED CoCr

PMMA

GLASS CERAMICS

WAX

RESINS

TECHNICAL HIGHLIGHTS

5-axis simultaneous machining	Spindle air purge system and compressed air for tool declamping
Computer optimized machine structure	Silent suction unit to extract the powder resulting from milling
High precision Harmonic™ gear boxes for angular axes	Processing of zirconium dioxide, PMMA, wax, resin and glass ceramics
Vibration free milling due to rigid column design	Tool wear compensation / breakage control
High performance Jaeger™ HF spindle up to 60,000 rpm	Easy integration with any scanner producing .STL output
Integrated cooling circuit with cooling nozzles for wet milling	
High performance servo motors on all axes	
Highly powerful PC based controller	

TECHNICAL SPECIFICATIONS

Spindle Power	390 W / 250 W (Pmax / 100% rating)
Spindle RPM	Upto 60,000
Traverse range X/Y/Z (all in mm)	100/100/80
Angular travel A/B (in deg)	360 / +/-30
Tool shank	3 mm
Tool pockets in tool changer block	6 Nos.
Axes motors	AC Servos on all axes
Compressed air supply	6-8 bar, 50 lpm
Main power voltage / frequency / connected load	230V +/-6% / 50 Hz / 1.2 kVA
Interface	USB, Ethernet
Environment	10 to 25° C, RH 85% max
External dimensions (all in mm)	550 x 800 x 1050
Weight (in kgs)	110

Manufactured by



Strategi Automation Solutions Pvt. Ltd.,

No. 25/B, Doddanakundi Industrial Estate, Off Whitefield Road, Behind Graphite India, Bangalore - 560048
Tel: +91-80-41206806 / 41163136/7 **Email:** dental@strategiautomation.com **Web:** www.strategiautomation.com