

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

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