

D15 MAX

Reach the maximum.



Improved in every way.

We upgraded D15 with new electronics, an industrial PC, and 4 times stronger servo motors with absolute encoders. Drastically reduced the need for calibration, eliminated the need for referencing, and increased speed and accuracy significantly.

With D15 MAX, you can mill anything in the dental industry.



METAL



ZIRCONIUM



PMMA



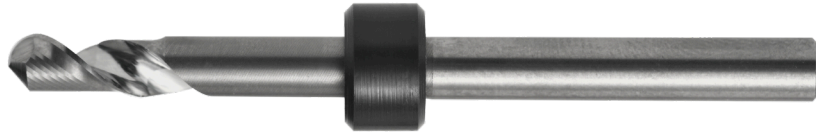
CERAMIC

Speed comparison

The milling tests were done with the YenadentCAM software and same tools. Both machines milled the same designed jobs. The only difference is the machines.

PMMA	D15 MAX	D15
Bitesplint	11 minutes	15.1 minutes
Single	8.37 minutes	13.02 minutes
Full	8.15 minutes	19.30 minutes
Bridge	14.07 minutes	36 minutes
Metal	D15 MAX	D15
Telescope secondary	16.20 minutes	35.27 minutes
Zirconium	D15 MAX	D15
Simple crown	4.41 minutes	11.32 minutes
Full anatomic crown	7.03 minutes	18.09 minutes

Stronger tools



Prepare to be amazed by lightning-fast PMMA milling.



D15 MAX's uncompromised durability gives you the freedom to use stronger tools. You can confidently tackle larger milling tools while achieving incredible speeds, allowing you to mill bite splints within few minutes.



28 tool holders

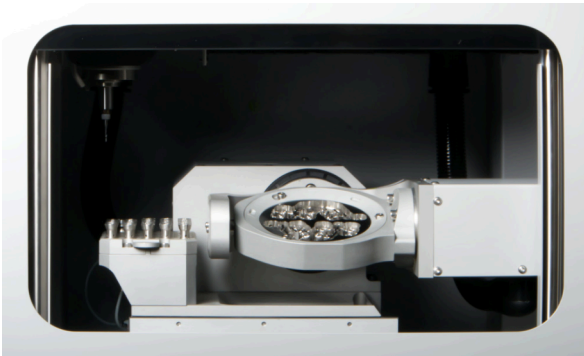
28° maximum milling angle.



400 watt
Fast and precise.

Easier to use.

Easier to learn and easier to use.
Harder to make mistakes.



Wider access.

Disc and tool replacement and machine maintenance are way easier with wider access.



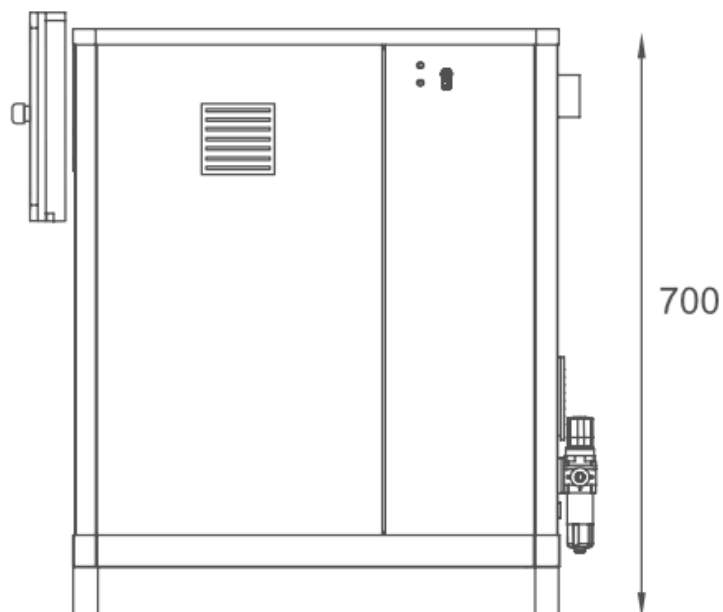
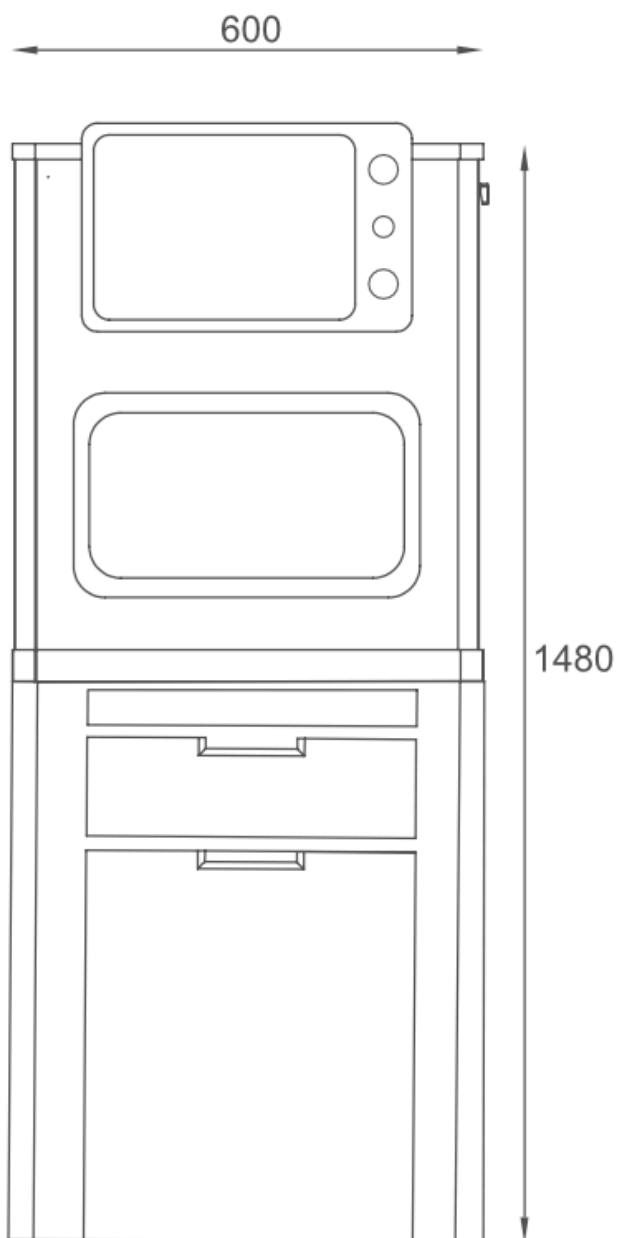
Options

- Vacuum unit
- Half holder
- Liquid tank
- Spindle chiller unit
- Table



Open system.

Compatible with almost every
CAM software available in the
dental industry.



Specifications

Travel limit X axis	200 mm
Travel limit Y axis	100 mm
Travel limit Z axis	90 mm
Travel limit A axis	+28 degrees
Travel limit B axis	+28 degrees
Smallest controllable increment	0,1 μ m
Accuracy	10 μ m
Repeatability	2 μ m
Max. feedrate X Y Z axis	200 mm/s
Max. feedrate A B axis	20 rpm
Spindle manufacturer	IMT
Spindle power	1300/2700 watts
Spindle speed range	60000 rpm
Spindle maintenance lifetime	3000 Hours
Max. power consumption	2,7 kW
Average power consumption	1 kW
Power supply	220 V 50 Hz
Coolant	20 Liter
Machining envelope / discs (diameter)	97-99 mm
Physical size (WxHxL) / Machine	60x70x80 cm
Weight / net	140 kg
Weight / gross (For freight)	150 kg
Standby noise	\geq 63 db
Running noise	\geq 70 db
Automatic tool changer	28 Tools
Axis motors	AC Servo
X Y Z Axis motor powers	400w
A B Axis motor powers	100w
Position control	Abs Encoder
Axis switches	-