

HUGE

M 1500

5-AXIS ULTRA-PRECISION TITANIUM DENTAL MILLING MACHINE



- ✓ Zero clamping system
- ✓ Diversities of holders for all kinds of materials
– Titanium, cobalt chrome, premill, glass ceramics, HPP, PMMA, wax
- ✓ Compatible with top class CAM providers – Hyperdent / Sum3D / WorkNC
- ✓ Material saving & High efficiency
- ✓ Higher precision & Longer lifespan



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>> Technical parameters

Model		M 1500(JDM5 MAX)
Tool changers		34
Machine Size		945*850*1800mm
Net Weight		1095kg
Input voltage		220V
Spindle Power		2.5kw
Machine Power		8kW
Fixture		Square disc:140*150mm (Standard configuration) Round disc:98mm (Standard configuration)
Spindle	Mode	Wet Milling (Water cooling)
	Speed	60,000rpm
Milling Angle	Axis A	360°
	Axis B	Disc disc $\pm 30^\circ$ (Square disc $\pm 25^\circ$)
Average Milling Time	Abutment	7-20 min
	Implant Bar	3-5 hours
	Implant Bridge	4-7 hours
Zero clamping system		Yes
Hybrid technology		Yes

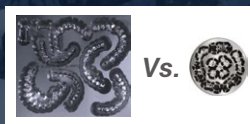
>> Selling points introduction – M 1500

• Zero clamping system



Integrated quick clamping system
Fast and user-friendly handling

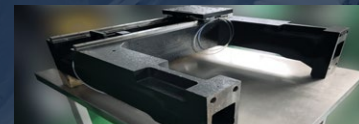
• Material saving & High efficiency



Millable material surface capacity
— Square disc 2.78 times Round disc

Costing less material: Square Vs. Round
Less change: Square Vs. Round

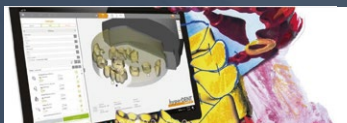
• Higher precision & Longer lifespan



Meehanite cast iron integrally formed without welding
— Germany industry standard

More suitable for harder metals milling – Ti & CoCr
Help absorb vibrations during operation – greater precision
Robust construction bring longer lifespan quality assurance

• Compatible with top class CAM providers — Hyperdent / Sum3D / WorkNC



hyperDENT® Validated

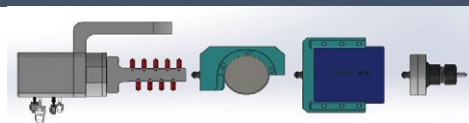
Simplified workflow and predefined templates
enabled highly automatic, reliable, efficient and
precise production

• Diversities of holders for all kinds of materials — Titanium, cobalt chrome, premill, glass ceramics, HPP, PMMA, wax



Disc holder

Ensures the optimum processing of discs
and the secure fit of all material discs,
results in high-quality milling results



Abutment holder

— Medentica validated, others on your request

Suitable for a comprehensive range of implant interfaces,
and mill highly precise individual abutments using the
titanium preforms