

HUGE



M 1500

5-AXIS ULTRA-PRECISION TITANIUM DENTAL MILLING MACHINE

HUGE

M 1500

- ✓ 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

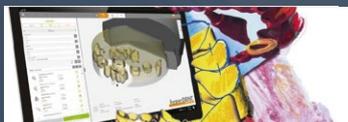
• Higher precision & Longer lifespan



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

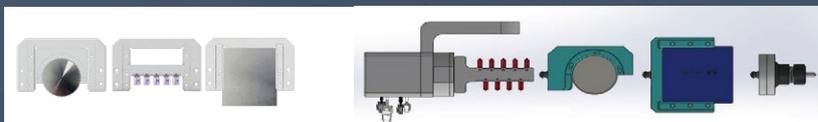
• Compatible with top class CAM providers – Hyperdent / Sum3D / WorkNC



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