

WET MILLING · DRY MILLING

Five axes. Dry or wet. One bench.

The complete milling solution for
dental laboratories and clinics.



Dry

Zirconia, PMMA, wax, resin and composite



Wet

Glass ceramics and titanium premill abutments

5-axis
LINKAGE

0.02_{mm}
MILLING ACCURACY

6
TOOL MAGAZINE

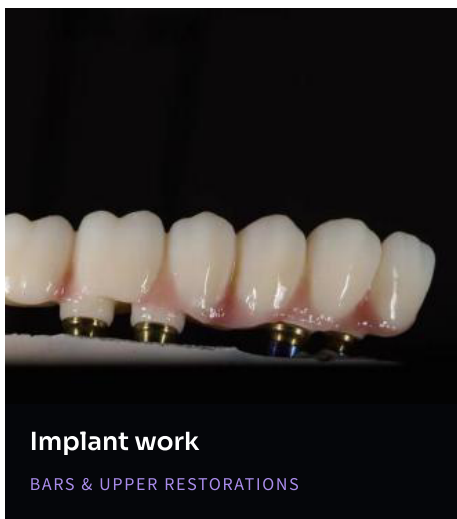
60k_{rpm}
SPINDLE SPEED

ZIRCONIA · PMMA · WAX · RESIN · COMPOSITE

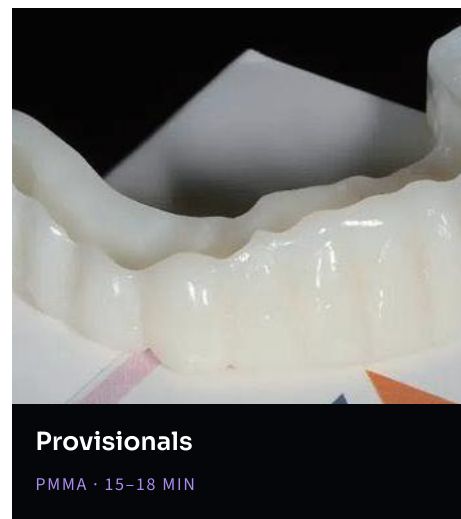
A full arch before lunch.


Crowns & copings

ZIRCONIA · 10–16 MIN


Implant work

BARS & UPPER RESTORATIONS


Provisionals

PMMA · 15–18 MIN

WHAT YOU CAN MAKE

- Full crowns, bridges and copings
- Telescopic crowns and post-core crowns
- Screw-channel and implant upper restorations
- Inlays and onlays
- PMMA and wax provisionals, full arch

Zirconia

Wax

Resin

Composite

MILLING TIME

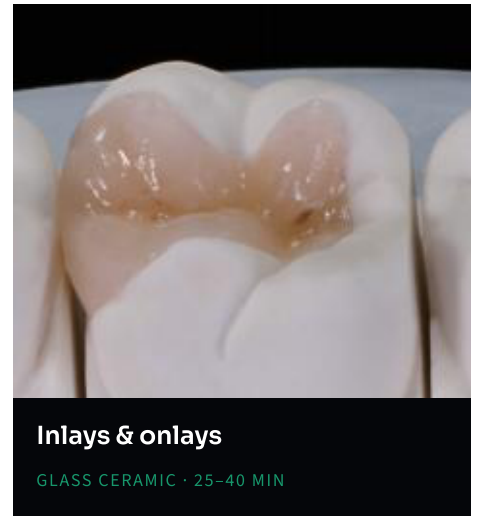
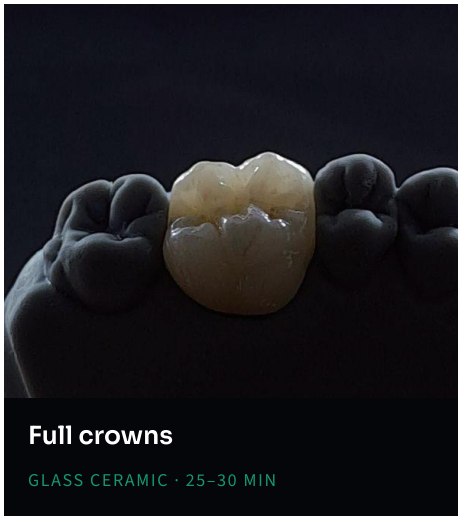
Coping	10–13 min
Full crown	12–16 min
Veneer	12–15 min
Inlay / onlay	12–15 min
Bridge	20–40 min
PMMA provisional	15–18 min
Full arch	3 h

Dry build

One machine installs one mode. A dry X mill runs zirconia, PMMA, wax, resin and composite with no external cooling system and no water supply to plumb in.

GLASS CERAMICS · TITANIUM COLUMNS

Chairside aesthetics, lab-grade fit.



WHAT YOU CAN MAKE

- Full crowns and copings
- Veneers
- Inlays and onlays
- Titanium columns and custom abutments
- Single-visit restorations in the clinic

Glass ceramic

Titanium

MILLING TIME

Veneer	20–30 min
Full crown	25–30 min
Inlay / onlay	25–40 min
Bridge	40–60 min

Wet build

One machine installs one mode. A wet X mill handles glass ceramics and titanium columns — the configuration clinics choose for single-visit crowns and custom abutments.

WHY LABORATORIES CHOOSE IT

Precision you can measure, not claim.

5-axis linkage

A-axis through a full 360°, B-axis -30° to +25° — undercuts and divergent implant angles in one setup.

0.02 mm accuracy

Full servo drive on every axis, calibrated against a standard test file before shipping.

0–60,000 rpm spindle

Stable across the range, so fine margins and bulk reduction both run at their right speed.

Six-position tool library

Automatic change through the job — a full crown runs unattended from roughing to finishing.

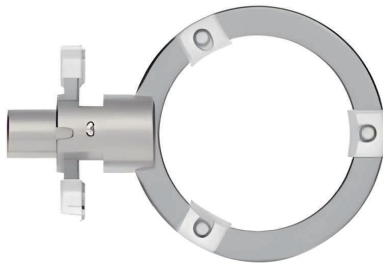
Sealed chamber

High-performance sealing strip contains dust and coolant. No external cooling system to install.

USB & Ethernet

Rear interfaces, so the machine sits flush against a wall on a bench or trolley.

THE T-SHAPED HOLDER



+30%

Material utilisation against a conventional clamp. The T-profile grips closer to the rim, so nesting reaches further into the disc and six units mount at once — on 98 mm and 95 mm discs alike, with an auxiliary holder for blocks and titanium columns.

01

Design

Nest the case in your existing CAD.

02

Load

Six units on one T-shaped holder.

03

Mill

Five axes, automatic tool change.

04

Finish

Separate, sinter or polish.

EQUIPMENT PARAMETERS

Every number, on one page.

MACHINE

Processing method	5-axis linkage
Milling accuracy	0.02 mm
Rotation angle	A 360° / B -30°-+25°
Drive	Full servo
Spindle speed	0-60,000 rpm
Tool magazine capacity	6 pieces
Tool diameter	4 mm
Transmission interface	USB · Ethernet, rear

INSTALLATION

Dimension (W×L×H)	610 × 425 × 585 mm
Equipment weight	110 kg
Power consumption	800 W
Cooling	No external system

DRY BUILD

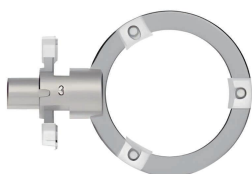
Materials	Zirconia · wax · resin · composite
Types	Telescopic & post-core crown
	Screw channel · inlay
	Full crown · bridge · coping
	Implant upper restoration

WET BUILD

Materials	Glass ceramics · titanium columns
Types	Inlay · full crown · coping
	Veneer · titanium columns

HOLDERS

Disc holders	98 mm · 95 mm
Auxiliary holder	Blocks & titanium columns
Units per holder	6
Material utilisation	+30% vs conventional



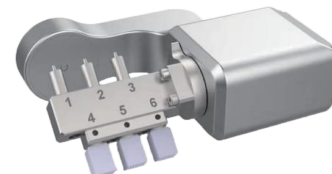
T-shaped holder

Six units per disc, in 98 mm and 95 mm.



Disc loaded

Clamped at the rim and keyed to the A-axis.



Auxiliary holder

Six numbered positions for blocks and columns.



Tested, trusted CAD/CAM for the dental laboratory.

Two builds of one 5-axis platform, in the livery of the mode you order. Tell us what you mill and we will specify the machine around it.



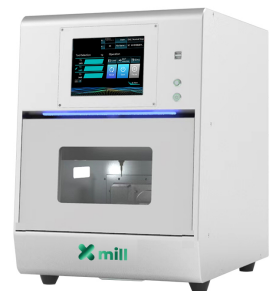
DRY · FRONT



DRY · THREE-QUARTER



WET · FRONT



WET · THREE-QUARTER

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