

Zirkonzahn®

UP TO
80 BLANKS
(UPGRADABLE)
Ø 95, 98, 106, 125 mm

M6 TELESKOPER BLANK CHANGER



WE AUTOMATE PROCESS, ACCELERATE PROCEDURES AND INCREASE PRODUCTIVITY!

**NEW M6 MILLING UNIT WITH FULLY AUTOMATIC
BLANK CHANGER FUNCTION FOR UP TO 16 OR 80 BLANKS
(UPGRADABLE), TELESKOPER ORBIT SELFLOCK (Ø 125 mm),
TOOL MAGAZINES (2x30) WITH AUTOMATIC
TOOL CHANGER FUNCTION AND MUCH MORE!**

In an increasingly fast moving world, where time is one of our most precious resources, it becomes more important than ever to keep an open mind and explore new paths.

We are constantly looking for new solutions to do things better. With our innovations, we want to automate processes, speed up procedures and increase the dental workflow productivity so that our customers can focus on fundamental things – their craftsmanship.

With our new M6 milling unit, we have met these requirements.

Junico Steger *Julian Steger*



60-80 BLANKS UPGRADABLE



VIEW THE TECHNICAL DATA

11 | Stand-alone

07 | QR code reader

05 | Performance Spindle

01 | Full-automatic Blank Changer

04 | 60 tools

02 | Up to 16 or 80 blanks (upgradable)

08 | Easy access for maintenance

10 | Ioniser

09 | Automatic self-cleaning and drying function

03 | Teleskoper Orbit SelfLock (Ø 125 mm)

06 | Wet Heavy Metal

12 | Cleaning Kit

16 BLANKS UPGRADABLE

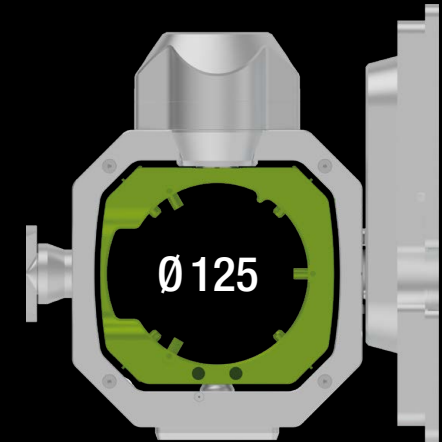
- 01 | **Full-automatic Blank Changer:** *the real-time, anti-collision detection function permits a safe and automatic blank transfer from/to the blank storage and the orbit*
- 02 | **Up to 16 or 80 blanks (upgradable):** *the pull-out blank storage is separate from the milling unit and allows a comfortable and easy blank loading. Blanks can be inserted and stored manually or, if desired, also automatically via blank changer function*
- 03 | **Teleskoper Orbit SelfLock (Ø 125 mm):** *for processing material blanks with a diameter of 95, 98, 106 and 125 mm, glass ceramics and Raw-Abutment® blanks. With this orbit it is also possible to perform the Double Milling technique, adjust the friction of telescopic structures and use the Stop & Go function*
- 04 | **60 tools:** *separated chamber with tool magazines (2x30) and automatic tool changer function. Before and after milling, tools are automatically checked for type or damage*
- 05 | **Performance Spindle:** *newly developed milling spindle with Permanent Magnet Synchronous Motor (PMSM) for a maximum torque of 200 Ncm at speeds of 6.000 to 50.000 rpm with a peak power of 2.5 kW*
- 06 | **Wet Heavy Metal:** *wet and dry processing of all soft and hard dental material blanks, such as zirconia, resin, wax, wood, sinter metal, cobalt-chrome alloy, titanium as well as Raw-Abutments® (prefabricated titanium abutment blanks), glass ceramics and composite*
- 07 | **QR code reader:** *intelligent storage and checking of blanks as well as milling burs via QR code scanner*
- 08 | **Easy access for maintenance:** *newly developed door for easy and fast maintenance*
- 09 | **Automatic self-cleaning and drying function:** *quick and easy cleaning of the milling chamber*
- 10 | **Ioniser:** *electrostatic discharge of resin shavings, for accurate processing and a significantly reduced cleaning effort*
- 11 | **Stand-alone:** *integrated PC with 15" touchscreen for direct control of the milling unit*
- 12 | **Cleaning Kit:** *with shower and suction system for manual cleaning*





TELESKOPER ORBIT SELFLOCK (Ø 125 mm)

With our new M6 milling unit we remained true to our proven “Teleskoper” philosophy. In the Teleskoper Orbit SelfLock (Ø 125 mm), material blanks can be fixed and processed fully automatically. The new 125 mm diameter blanks have been designed in such a way they can be inserted into the blank storage without needing any additional Blank Holder. Thanks to special holders, it is also possible to mill mini zirconia blanks (size 1) for single crowns as well as glass ceramics and Raw-Abutment® blanks.



WATCH THE
VIDEOS



DOUBLE MILLING

TIME-SAVING MILLING OF
IMPLANT-SUPPORTED RESTORATIONS



FRICTION

PERFECT FRICTION ADJUSTMENT
OF TELESCOPIC JOBS



STOP & GO

STOP AND RESUME
MILLING PROCESSES

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