Service Spectrum

- Lava™ Ultimate
- PEEK
- Baltic Bestar
- Organical® Desktop 8 S COMPACT
- IPS e.max® CAD
- VITA ENAMIC
- IPS e.max® CAD
- Organical® Desktop 8 S COMPACT
- VITA SUPRINITY

Optional Accessories
- Water container with pump for wet milling
- Aspiration
- Holder for IPS e.max CAD, pre-milled blanks

Organical® Desktop 8 S

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Radius: 0.75mm

Fully digitised prosthesis manufacturing

Diameter: 120mm

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Dental-wide unique – Standards newly defined
The Organical® Desktop 8S COMPACT is a highly precise, 5-axis desktop milling machine. Ideal for guaranteed wet and dry milling, can process all well-established dental materials. Together with IPS e.max® CAD blanks, circular blanks in various thicknesses with a diameter of up to 120mm can be processed. As such, a whole range of new commercial opportunities has opened up for the user in the field of total prosthodontics and prosthodontic splints, in addition to the manufacture of customized impression trays and drilling templates. An entirely newly-developed drive concept guarantees a continuous and smoother feed for an optimal surface quality.

The most accurate system in the market
In connection with our ORGANICAL® Dental Implant Software and a patented fixture- and support-system with zero point calibration, you are manufacturing surgical guide templates for implants of very high precision. This procedure reduces tolerances caused during production significantly, as well as, the medium-deviation of the implant foot is an absolute minimum.

Highlights
- Enhanced for the cost-effective processing of metals and improved long-term stability of the milling burs
- Increased material efficiency through integrated circular blanks, with a diameter of up to 120 mm
- Unique dental ultra-fine scissure work with 0.075 mm (radius) tools
- Swivel range of -30° to +30° for easy production of abutments with extreme angulations
- Automatic tool changer station with 18 tool slots for maximum flexibility
- Validated and open CAD/CAM system with quality-tested milling templates
- German industry standard - Organical® Multi inside
- Total support from one user to another through engineers and dental technicians
- Fully automated central lubrication

Top of the range compact
The approx. 1kW-spindle (Jäger) features a true running accuracy which is better than 1 µm. The polished recirculating ball screw guarantees a machine with a low noise-level and low maintenance. Organical CAD/CAM's preset milling strategies ensure great precision.

Processable Materials
- IPS e.max®-Organic PEEK
- VITA SUPRINITY
- IPS e.max®-CAD
- Zirconium
- ML Zirconium
- Zirconium Glass ceramic
- Pure titanium/Titanium niobium
- PMMA
- Wax
- Composite
- Glass ceramic
- Noritake Katana™
- CoCr
- PMMA/Steel/Resin
- Zirconium
denture

Technical Data
- Dimensions (W/H/D): 863 / 945 / 620 mm
- Weight: 310 kg
- Spindle: approx. 1kW, 60,000 rpm
- Tool changer: Automatic tool changer (18 slots + 1 zero tool, 6 mm shaft) with tool length sensor and tool breakage detection
- Compressed air: 7 bar
- Rotary swivel axis: -30° to +30°