

STRONG - PRODUCTIVE - MODERN

For all those who aim to go higher!



**5 - AXIS
SIMULTANEOUS MACHINING**



**20-FOLD TOOL CHANGER
WITH MAGAZINE SYSTEM**



**HEAVY DUTY INDUSTRIAL SPINDLE
WITH HIGH CLAMPING FORCE**



**SOLID MACHINE FRAME FOR
LOW-RESONANCE CONTINUOUS PRODUCTION**



**AUTOMATIC BLANK MEASUREMENT
IN THE 7-FOLD CHANGER**



**2 COOLANT PORTS
FOR MILLING AND GRINDING**



**SPINDLE SHAPE ENABLES
LARGE SETTING ANGLE**



**PREFACE ABUTMENT MANUFACTURING
IN THE 7-FOLD CHANGER**



**ALSO AVAILABLE WITH WORK NC®
CAM-SOFTWARE**



**INTELLIGENT OPERATION
USING DC CONTROL SOFTWARE**



**AUTOMATIC
MACHINE MEASURING SYSTEM**



Milling

Grinding

Drilling

Cutting

CAD/CAM Hotline: + 49 (0) 731 14661111

www.dental-concept-systems.com



The DC7™ is a CAD/CAM machining centre for dental laboratories with industrial aspirations and paves the user's way towards more efficient production.

Packed in a contemporary design, the milling system owes its high-performance to state-of-the-art technology.

With integrated measurement in the workpiece automation, controllable extraction technology, self-contained machine calibration system and the possibility to use all conventional dental materials, the DC7™ meets the requirements for comprehensive milling centres.

Taking into account the requirements of dental technology, the DC7™ enables you to step up to the super class despite a manageable investment.

Features of the DC7™

- System freedom
- Strong motor spindle with increased clamping force for high continuous loads
- 5-axis milling system, simultaneous
- Dry and wet machining
- For zircon oxide, ceramic materials, lithium disilicate, CoCr, titanium, PMMA, composites, wax and model materials
- Integrated, fully automatic extraction system from Zubler
- Exchangeable 20-fold tool changer with automatic tool measurement and management of twin tools
- App-based remote monitoring for machine and DC CONTROL control software
- Support by a professional support team direct from the manufacturer

Technical data for the DC7™

Dimensions in cm (W x H x D)	73.5 x 195 x 81.5
Weight in kg	645 (with Zubler extraction system)
Spindle	High-frequency spindle with hybrid ball bearings and tuning of power/torque for continuous load. Max speed: 60,000 rpm
Tool holder	Pneumatic collet chuck for milling bits with 6 mm shaft with clamping force boost
Angle of inclination in the rotary axes	360° tilt angle (B-axis) ± 30° milling angle (A- and B-axis)
Repeatability	± 0,01 mm
Blank changer	7-disc
Compressed air connection	min. 7 bar
Voltage/frequency	230 V / 50 Hz

