INTEGRATED, DIVERSE, EFFICIENT, OPEN
**PRECISION MODEL**

- Digital facebow - record jaw movements without a model
  - Exact data acquisition increases accuracy of fit and reduces reworking
  - Complete system integration enables fast and effortless data acquisition
  - Perfect bite situation due to coordinated system from recording to try-in

- Model management articulator and masticatory loading simulator for the dental practice and laboratory
  - Provides all functions for analysing the free spaces and excursion patterns
  - Variable sideshift function for transversal clearance, adjustable

**PRECISION SCANNING**

- Fabricate a precision model quickly and cost-effectively
  - Overcomes expansion of dental stone due to segmentation of the dental arch
  - Fabrication of a dental arch in only six minutes (working time)
  - Fault-free basis for digitalisation

- The “function scanner” with Splitex-Integration
  - Highly precise digitalisation of models in intermaxillary relationship
  - DNA speed scanning reduces scan times by up to 50%
  - Universal plate enables flexible positioning of all types of model
PRODUCTION (CAM)

4- or 5-axis dry milling in a minimum of space
High performance milling due to DNA milling strategies
Maximum range of indications in 4 or 5-axis dry milling (blanks, hybrid ceramic blocks, etc.)
Fast, stable and efficient due to low-vibration and oscillation monocoque design
High-quality machine components guarantee constantly high precision and durability

4-axis wet processing with speed function
Carving mode grinding technique - for up to 60% saving in time when processing glass/hybrid ceramic
Intelligent machine concept with high-performance, super-high-frequency spindle for maximum speed with the highest precision
Special holder concept for easy handling and highest degree of accuracy when processing hard materials

DESIGN (CAD)

The intelligent design software
High saving in time thanks to intuitive workflow according to dental technology logic
Perfectly coordinated with scan and CAM processes to guarantee a continuous workflow
Virtual Artex CR with an unlimited range of functions

VIRTUAL OCCLUSION

READY for intraoral scan data

4X
5X

4X
5X

4X
5X

5-axis wet and dry processing - versatile and future-proof
Innovative processing procedures ensure maximum ROI (rotational milling of titanium, carving mode grinding technique etc.)
Maximum range of materials and indications
Intelligent machine concept with high-performance, super-high-frequency spindle for maximum speed with the highest precision
Intelligent machine design guarantees optimum protection of all electronic components in wet operation
PRODUCTION (CAM)

**ceramill** matik SX

- Full service unit with milling/grinding, administration and cleaning function
- Maximum time savings in resource management through automatic management of material and tools
- Maximum convenience due to autonomous wet and dry change as well as automatic cleaning
- No limits - full indication and material portfolio
- Future-proof through continuous software development and expandable holder portfolio

**ceramill** argotherm 2

- Shielding gas sinter furnace for Ceramill Sintron with shielding gas flood chamber
- Consistently high sintering quality thanks to optimum coordination with the Ceramill CAD/CAM system
- Maximum process reliability due to integrated compressed air and shielding gas monitoring
- Minimum shielding gas consumption

**NextDent** 5100 for **ceramill**

- High-Speed 3D printer for Ceramill CAD/CAM
- Up to 3x faster printing due to Figure 4™ technology
- Perfect results through precise coordination of workflows, materials and machines
- Rapid amortization due to maximum material and indication spectrum as well as low investment and fixed costs
STRONG TOGETHER

Strong partners – strong products. Amann Girrbach works closely with a select group of renowned cooperation partners. The combination of the core competencies of each one of them finds its expression in products, systems and processes that make dental technicians successful.

CAD/CAM EQUIPMENT PARTNER

3D SYSTEMS  zebris

CAD/CAM MATERIAL PARTNER

VITA  NextDent  SOLVAY DENTAL360

ESTHETIC MANAGEMENT PARTNER

MPF  Shofu

FULL DENTURE PARTNER

VITA  Kulzer  MERZ DENTAL

IMPLANT PROSTHETICS PARTNER

straumann  BEGO  MEDENTIKA

IOS CONNECTIVITY PARTNER

3shape  iTero  Carestream Dental

Partner product offering varies by country and local regulations.
Maximum range of indications and materials with the Plug & Play quick-change holder concept for Ceramill CNC units.

Ceramill Material 71
Ceramill Material 98
Denture teeth (full-denture prosthetics)
Denture acrylic (full-denture prosthetics)
Glass ceramic and hybrid blocks (12x)
Adapter for glass ceramic and hybrid blocks (3x) for blank holder Ceramill Material 71
Glass ceramic and hybrid blocks
Ceramill Matik blank holders - all models at www.amanngirrbach.com
THE MATERIAL THAT CREATES AESTHETICS.

Materials from the Ceramill material portfolio ensure that you work with the highest quality restoration materials. We cooperate closely with selected partners to combine materials from in-house development and production with their materials in order to extend our product portfolio for customers.

CERAMICS

- Zolid FX Multilayer
- Zolid FX Preshades
- Zolid FX White
- Zolid HT+ Preshades
- Zolid HT+ White

ACRYLICS/WAX

- Ceramill A-Splint
- Ceramill A-Temp
- Ceramill A-Temp Multilayer
- Ceramill PEEK
- Ceramill M-Plast
- Ceramill A-Cast
3D PRINT MATERIAL

3D Print material for NextDent 5100 for Ceramill
More at www.amanngirrbach.com

METAL

Ceramill Wax
Ceramill D-Wax
Ceramill Sintron

HYBRIDS

VITA ENAMIC®