

EXCERPT FOR REHAU-KANTENTAGE SYNCHRONOUSLY ADJUSTABLE JOINTING CUTTER

Product Management / Marketing

March 2021



THE TOOL AT A GLANCE

• APPLICATION

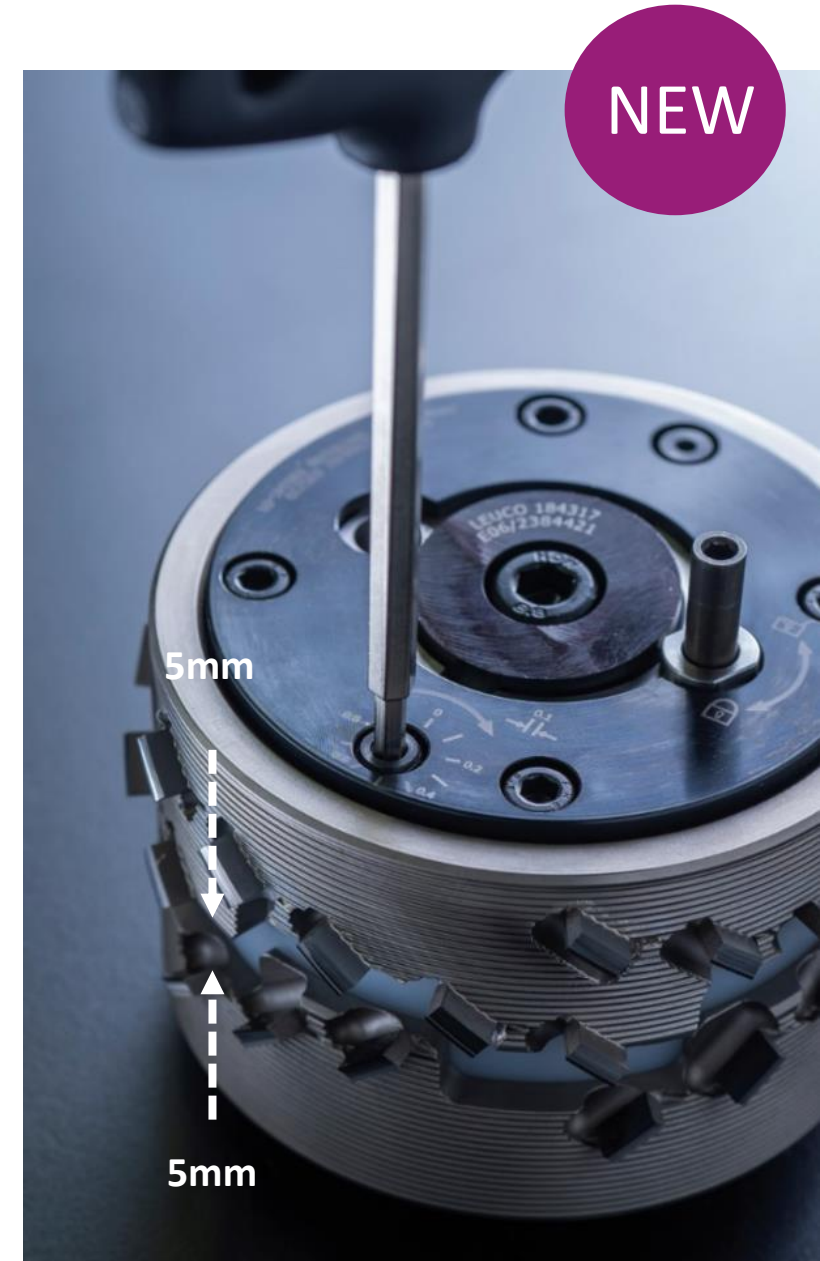
- For use on through-feed machines with hydro motors – for shaft 30.
- E.g. HOMAG Aggregat: S2 Power & S2 Performance!
- for chip-free jointing of melamine resin- and paper-coated, HPL-, foil-coated and veneered wood based panels with the **OPTION FOR ADDITION OF EDGE LIVES!**

• PERFECT FOR

- **INDUSTRIALLY** oriented **FURNITURE MANUFACTURES** with a **LOW SPECTRUM OF PANEL THICKNESSES** and **ABRASIVE COVER MATERIALS** and **HIGH MACHINERY OUTPUT**

• DESIGN & BENEFITS:

- **DIAMETERS: 125 & 150**
- Asymmetrical and symmetrical cutting edge design
- **DIFFERENT SHEAR ANGLES** and **DESIGNS** can be realized
- 10 mm **STEPLESS ADJUSTMENT** through axial actuation of the adjustment unit
- Up to **5 EDGE LIFE ADDITIONS** possible
- **FEWER TOOL CHANGES** and machine downtimes



BENEFITS / USP

- **ECONOMIC EFFICIENCY:**

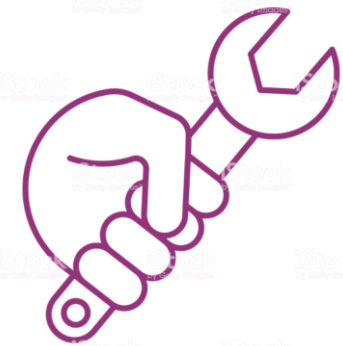
- Up to **5-times MORE TOOL EDGE LIVE!**
- **COST SAVING** for service and new tools
- **SAVES TIME** and set-up costs
- **INCREASES MACHINE AVAILABILITY** and parts output
- Adjusting components and bushing are **REUSABLE**

- **HANDLING:**

- **EASILY ACCESSIBLE** by axial adjustment (from above)
- **NO DISASSEMBLY** of the tool necessary
- Due to synchronous adjustment **NO READJUSTMENT** of the y-axis necessary
- After adjustment **NO SETTING** to a new diameter is necessary

- **DESIGN:**

- **PROVEN LEUCO – HYDRO CLAMPING BUSHING**
- Very **GOOD CUTTING QUALITY**
- technology is **ADAPTABLE** to different jointing cutter versions
- **CUSTOMER-SPECIFIC DESIGN** regarding panel thickness, material, feed, ...
- **PROTECTION AGAINST SOILING**, through axial adjustment and complete sealing of the system



EXCERPT FOR REHAU-KANTENTAGE RAUVISIO CRYSTAL 45° CHAMFER PROCESSING

Product Management / Marketing

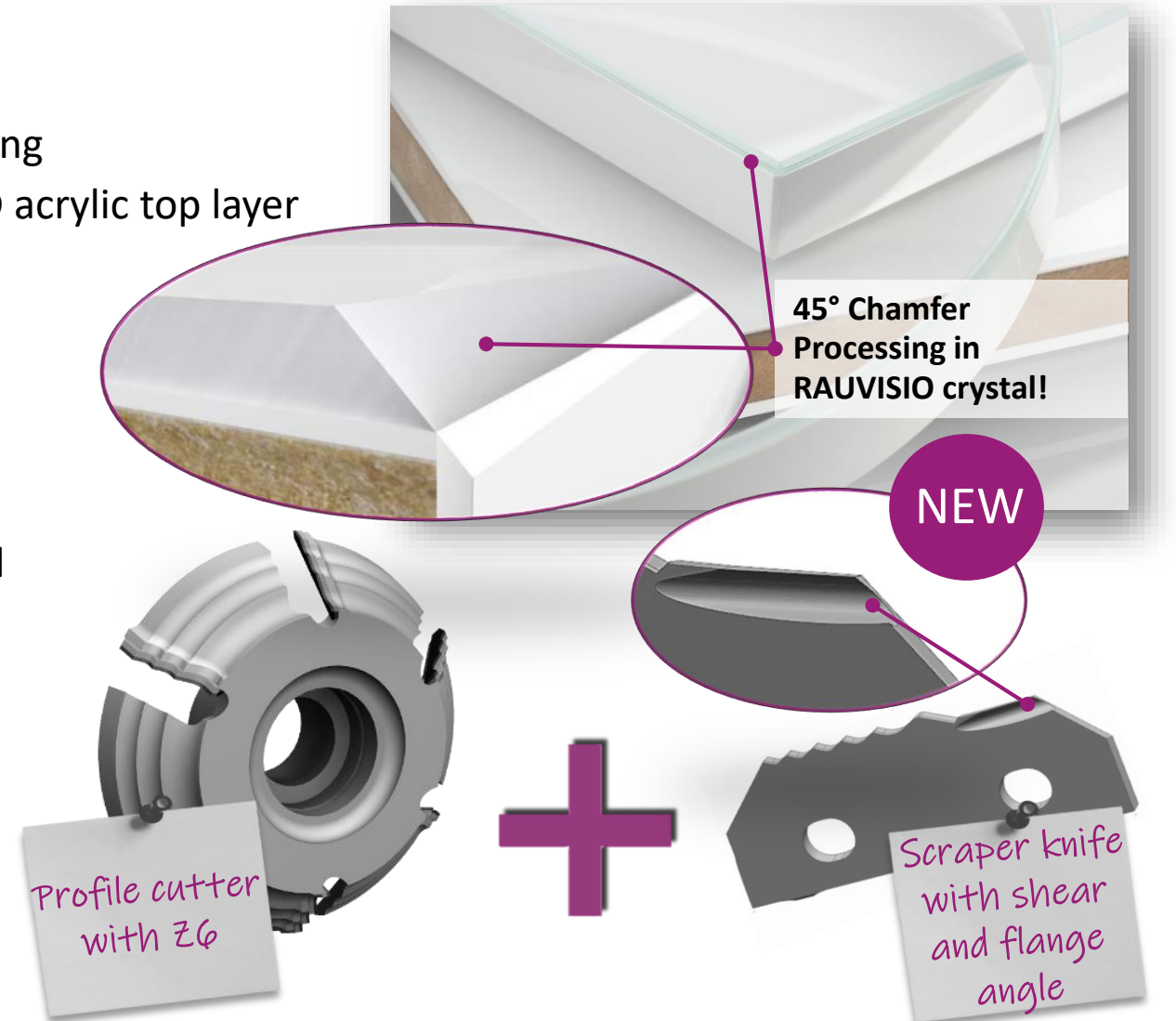
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EDGE TRIMMING OF GLASS LAMINATE

REHAU RAUVISIO CRYSTAL 45° CHAMFERING

- The **CHALLENGE**:
 - Edge trimming AND an additional top layer processing
 - chamfering 45° of the acrylic edge banding AND acrylic top layer
- The **TARGET**:
 - **HOCHGLANZOPTIK** ohne manuelles nachpolieren!
- The **SOLUTION**:
 - **HOCHZAHNIGER PROFILFRÄSER** → Z6
 - **SPEZIELLE ZIEHKLINGE** → mit Achs- und Spanwinkel
- The **RESULT**:
 - High-gloss optic (imitation of a glass front)
- More **INFORMATION**:
 - **HOMAG** has applied for patent
 - **LEUCO** is exclusive supplier for these tools



BENEFITS / INFORMATION

REHAU RAUVISIO CRYSTAL 45° CHAMFERING

- **ECONOMIC EFFICIENCY:**

- **NO MORE MANUAL REPOLISHING** necessary!
- **SAVES TIME** and therefore **COSTS**
- **INCREASES PROCESS SAFETY**
- **STANDARD AGGREGATES** can be used!
- **GOOD EDGE LIFE** of profile cutter and scraper

- **MACHINE / HANDLING:**

- For HOMAG machines with **AGGREGAT MF21** und **MN21!**
- **MACHINE PROGRAM** matched to the application!
- **DEFINED CHIP REMOVING** of the scraper knife = **0.08 mm** for an optimal cutting result
- The described tools only **NECESSARY** for processing of the top layer (45° chamfering of edge & top layer)

- **DESIGN :**

- **PROVEN LEUCO – TOOL TECHNOLOGY**
- **DP** profile cutter and **HW** scraper
- **CUSTOMIZED COMBINATIONS OF PROFILES** available
- Scraper with **shear** und **hook angle** for:
 - **REDUCED CUTTING PRESSURE**
 - **SCORING CUT** for
 - **HIGH GLOSS OPTIC**

