Laminating and more .... much more!
High-Tex from Germany
Atlanta, 22\textsuperscript{nd} - 24\textsuperscript{th} May 2018
How we started
  • Foundation 1949
  • Munich

Now
  • 3rd Generation
  • Rötz
<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
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<tbody>
<tr>
<td><strong>Employees:</strong></td>
<td>180</td>
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<tr>
<td>Production &amp; assembly:</td>
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<td>Design &amp; Development:</td>
<td>35</td>
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<td>Administration &amp; Sales:</td>
<td>20</td>
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<td>Trainees:</td>
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<td>Production area:</td>
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<tr>
<td>Sales:</td>
<td>23 Mio. €</td>
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<td>CEO:</td>
<td>Dipl.-Ing. Thomas C. Meyer</td>
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<td>Export:</td>
<td>~ 70%</td>
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Laminating

Fusing

Company

Presses

Scattering
For Leather

- Soft Touch
- Less wrinkles
- Better sewing and assembly
- Stay in shape
- Easy process
Small system solution

• Width 400mm 600mm
• Height 0 – 25mm
• Heating zone 470mm
• Cooling zone 360mm
• Speed 0.2 to 9 m/min
KFK-XL 2700
Heating 4.500mm
Cooling 4.500mm
KFK-XL 2300
Heating 12,000mm
LAMINATING

KFK-XL 2700
Heating 4.500mm
Cooling 4.500mm
Pressure roller 3x
• Flexible in width and length
• Optional
  • Chain guidance
  • Controlled belt
  • Hydraulic belt tension
• Modular structure
• Cooling temperature up to 90°C
• Heat recovery and double insulation
• New drive concept
**Alternative to steel belt press**

- High surface pressure
- High linear pressure

**Example:** Organo sheets with thermoplastic matrix

KFK-P
Alternative to static vacuum press

- High surface pressure
- No trapped air
- Homogeneous pressure

KFK-V
Competence center
• Heating module 3.000mm
• Cooling module 1.500mm
• Unwinding
• Infrared heating 2.000mm
• 2x Powder scatter
• Winding with tension control
• Metal detector
Amount of powder

- Specified weight per m²
  - 3g/ m² - 20g/ m²
- Equal distribution
- Repeat accuracy
  - ± 5% or ±2gr/ m²

Advantages

- Flexible adjustment of weight
- Flexible adjustment of width
SCATTERING

- Powder reservoir
- Ductor blade
- Brush beam
- Fill level sensor
- Scattering roller

Run direction
Sintering / Tempering

• Required Temperature
• Equal distribution
• Repeat accuracy
  ±5 °C
COATING

„Perfect drops“
**Process „Thermomolding“**

- Characteristic
  - 3D Form
  - Finished product

**Process „Thermoconsolidation“**

- Characteristic
  - 2D Form
  - Semifinished product
„Thermomolding“
„Thermoconsolidation“