Liechti

the g-mill

The g-technology blisk machining center
- Heavy Duty Roughing
- Ultra Dynamic Finishing
- Finished Blisk in 1 Setup
The specialized blisk machining platform

The solution for production of medium to large blisks
Roughing and finishing of airfoil, in 1 setup as well as probing and adaptive machining of welded blisks.

Uncompromising for airfoils
High-dynamic machining around the entire airfoil for better quality results and longer tool life

Turn key solution from one single source
The g-Mill is designed for the production of airfoils with 5-axis simultaneous machining technology. Extensive manufacturing experience and CAM programming to suit application specific requirements in technology and service are provided by Liechti – a team of specialists in the production of turbomachinery components for aerospace and power generation.

Technical data

<table>
<thead>
<tr>
<th>Feature</th>
<th>g-Mill 550</th>
<th>g-Mill 850</th>
<th>g-Mill 1150</th>
<th>g-Mill 1350</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blisk dia. max</td>
<td>700 mm (27.6”)</td>
<td>850 mm (33.5”)</td>
<td>1150 mm (45.3”)</td>
<td>1350 mm (53.1”)</td>
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<tr>
<td>Spindle (S1)</td>
<td>18 000 rpm / 20 000 rpm, 166 Nm, 20 kW</td>
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<tr>
<td>Tool changer</td>
<td>50, 97 or 144 positions, HSK-A63 / A80</td>
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<tr>
<td>Quality inspection</td>
<td>Work &amp; tool measuring</td>
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<tr>
<td>CAM</td>
<td>Liechti Turbosoft plus</td>
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*subject to change

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