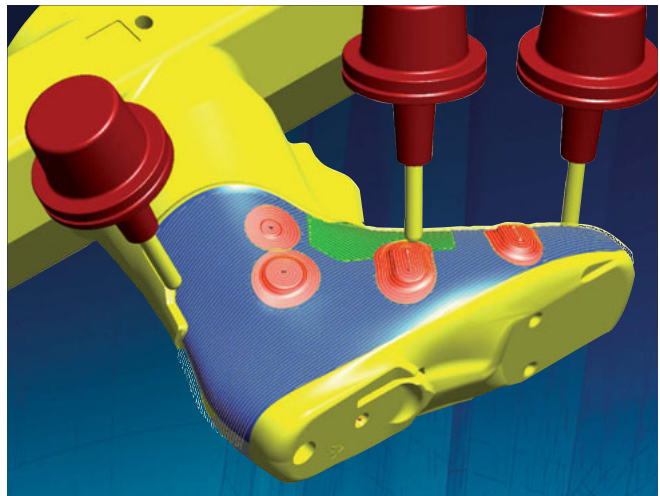


## Injection mould for a skiing boot: Milled on a Hermle C 40U dynamic

hyperMILL® provides a wide range of 2.5D, 3D and 5-axis strategies for fast, reliable machining of complex workpieces with undercut areas. The number of job steps is reduced significantly through the use of 5-axis technology. The post-processing required to produce the specified surface quality is minimal. Both programming and machining times are reduced.



**5-axis finishing:** Fully automated collision avoidance allows for shorter tool paths, conical tools and tools with thickened shafts. Compared to fixed-angle milling, continual movement cycles produce superior surface quality.

### Machine: Hermle C 40U dynamic

<b>Main drive (motor spindle)</b>	<b>RPM up to</b>	<b>18.000 min<sup>-1</sup></b>
<b>Workspace</b>	<b>Rapid linear Traverse path X/Y/Z</b>	<b>45/60 mm/min 850/700/500 mm</b>
<b>AC-Tabel</b>	<b>Clamping surface Max. workpiece weight Tilt range Speed A/C axis</b>	<b>ø 420 mm 450 kg +91°/-139° 55/65 min<sup>-1</sup></b>
<b>Controller</b>	<b>Heidenhain iTNC 530</b>	
<b>Workpiece</b>	<b>Dimensions Material</b>	<b>320/130/320 mm Aluminium</b>



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