

# Ultrasim® 3D Lattice Design - Offering

	Starter	Premium	Enterprise
	<p><b>Lattice Design Service</b></p> <p>Get one of our lattice engineers to design your customized lattice design incl. partial, multi-zone lattices &amp; more.</p>	<p><b>Foam Replacement</b></p> <p>Use our in-house developed FEA and lattice library to mimic a foam you use today by a lattice.</p>	<p><b>Full Engineering</b></p> <p>We support you in each step of the product design development for your ideal lattice design.</p>
<b>What you get:</b>			
• STL-file of digital lattice part	✓	✓	✓
• Digital stress strain curves of lattice	✓	✓	✓
• Customized 3D printed lattice sample		✓	✓
• Digital stress-strain curves of tested foam		✓	✓
• Full engineering support			✓
<b>Add-on:</b>			
• Ultrasim® 3D Lattice Test Pad Footwear, Protection, Seating (99 €/each)	✓	✓	✓
• Partial skin (250 €)	✓	✓	✓
• Multi-zone lattices (250 €)	✓	✓	✓
<b>What we need from you:</b>	<ul style="list-style-type: none"> <li>• STL or any closed mesh<sup>1</sup></li> <li>• Code from our Lattice Test Pad</li> </ul>	<ul style="list-style-type: none"> <li>• STL or any closed mesh<sup>1</sup></li> <li>• Foam sample minimum 50x50x50cm</li> <li>• Stress Strain Curve according to e.g. ISO3386</li> </ul>	<ul style="list-style-type: none"> <li>• 1 hour of your time to understand your problem and derive a solution concept</li> </ul>
<b>Price:</b>	Starting at 490 €	Starting at 2.500 €	On request
<b>Lead time:</b>	On request	On request	On request

<sup>1</sup> Disclaimer: Limited to part size of less than 300x250x250mm; larger parts needs to be segmented which requires a segmentation concept (premium solution)