

ESCHMANN TEXTURES

Get in touch.



LaserTec

State-of-the-art technology
delivering captivating surface designs

Inspirational ideas – realised 1:1

For the highest design demands

The innovative LaserTec process used by Eschmann Textures offers you new and previously unimagined opportunities to enhance the value, finish and harmony of all types of decorative surfaces.

Thanks to LaserTec there are almost no limits to how ideas and inspirations can be translated into production reality. Using our 3D visualisation tools it is quick, easy and inexpensive to review the design at various stages of the development cycle thereby compressing time, reducing cost and fully supporting the decision making process.

Once approved, Eschmann Textures will manage the delivery of the concept designs into serial production by laser cutting a production forming tool. Even one off, bespoke products can benefit from the LaserTec process!



Extraordinary design –

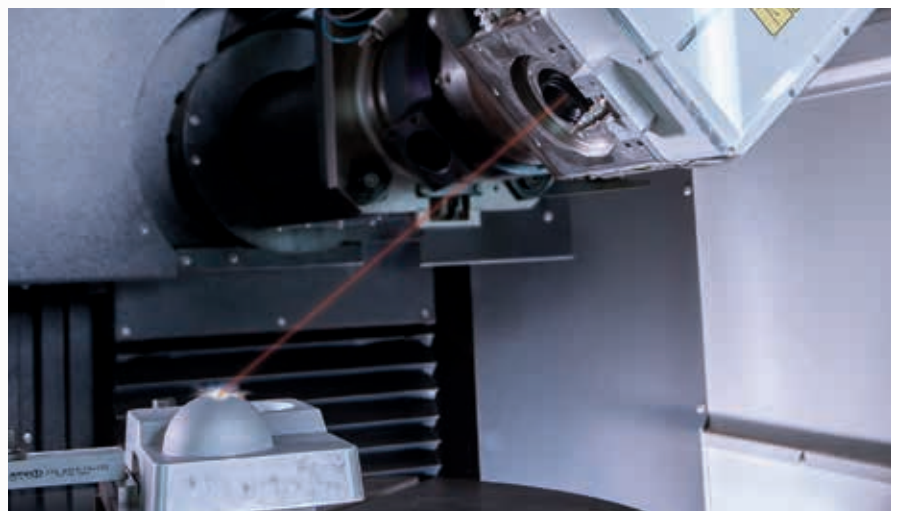
Product differentiation for a competitive edge!

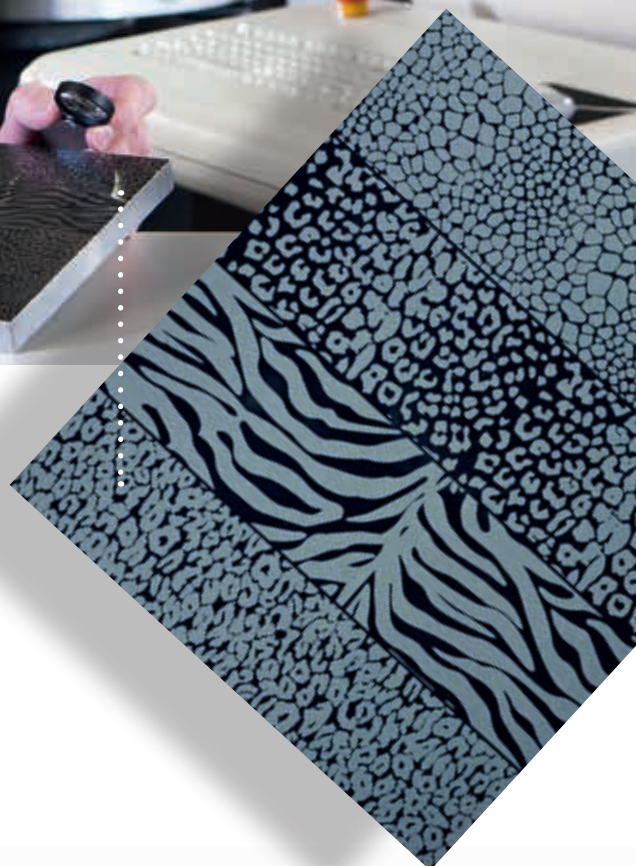
Eschmann Textures Group support its customers through all elements of the development and implementation of surface design for the plastic moulding industry. Our designers and engineers work with you from concept to production, delivering aesthetically stunning yet feasible and functional surfaces which create distinct product identities.

Eschmann Textures has seven facilities in Europe as well as one plant in India and operates globally for leading companies in the automotive, aviation, electronic, energy and consumer goods industries.

LaserTec

Perfection is
in the detail





Individual creativity

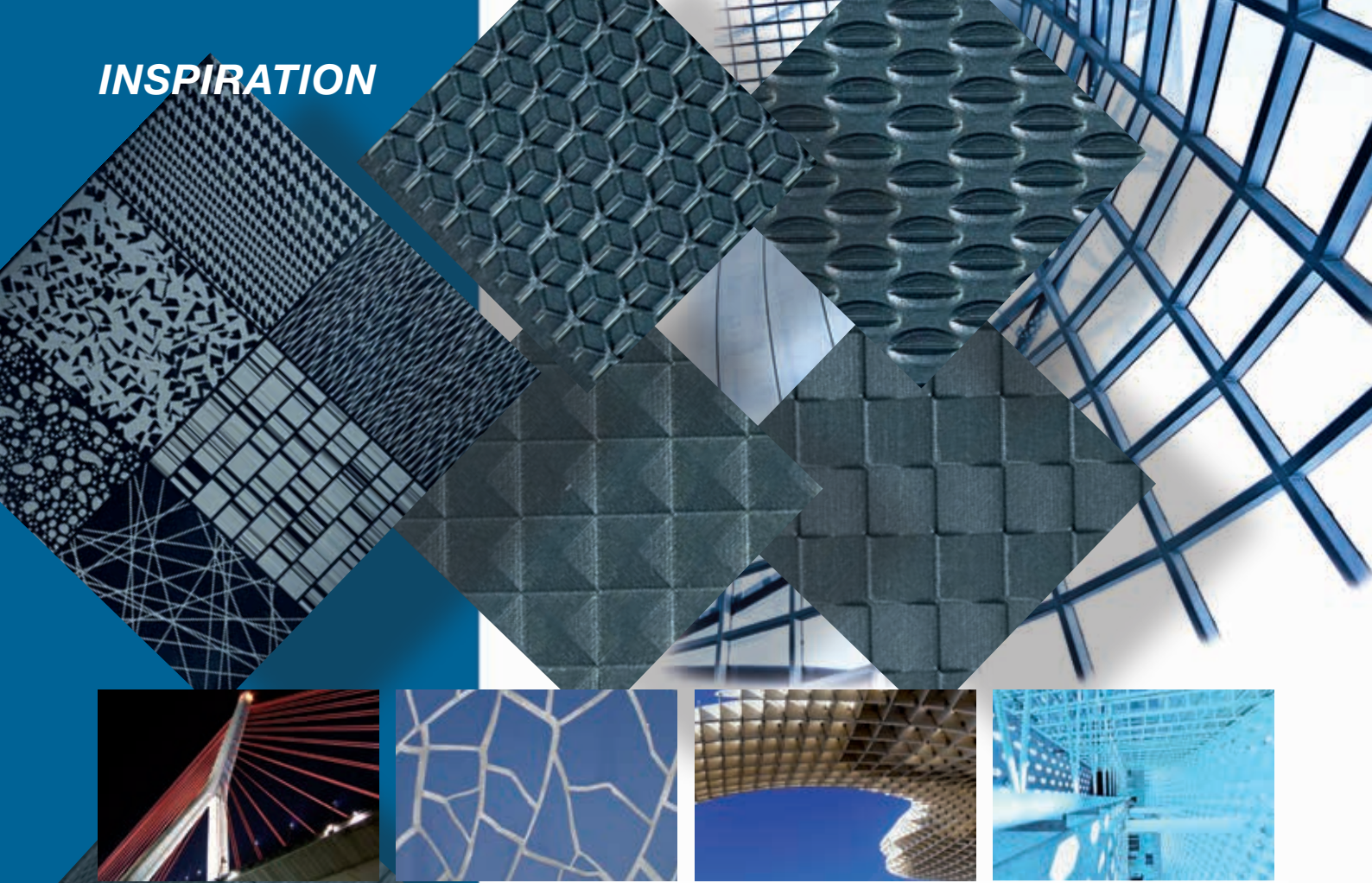
In all dimensions

The Eschmann Textures Group invested in innovative laser technology back in 2008 – initially with a 5-axis portal laser machine at our site in Great Britain. Our expertise is based on years of experience. We have invested even more for you through the continual development of technology and the new fields of application that are constantly emerging. Since July 2018, we have been able to process the tools of our customers at our site in Wiehl near Cologne with ultramodern and powerful new machines. In addition to our plant in Glossop, England, we now have a second center that can laser tools weighing between 1.7 and 18 tonnes. Furthermore, our site in Viry, France, offers laser machining for smaller tools up to 1.7 tons. The texturing, engraving, microstructuring, tagging and inscribing of 2D geometries and complex 3D geometries for your project are realised in no time thanks to our specialist team.

LaserTec transfers innovative designs onto tools with unrivalled detail and accuracy.



INSPIRATION



LaserTec – It pays off for your project

- A consistent digital process chain with high repetitive accuracy
- Realistic 3D component structuring (mapping) for optimum decision-making – interaction with the end user allows structural adjustments to be made
- Unlimited design freedom by means of graphic development or by scanning templates which are then represented in greyscale
- Direct lasering of complex 3D structures
- Lasering and etching can be combined (e.g. for textile structures free of distortions, geometric patterns and much more)
- Laser technology is suitable for steel, aluminium and – with limitations – also for electrode materials (copper, graphite, tungsten)
- Also ideal for technical applications (ribs, honeycombs), the finest inscriptions and much more...

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