

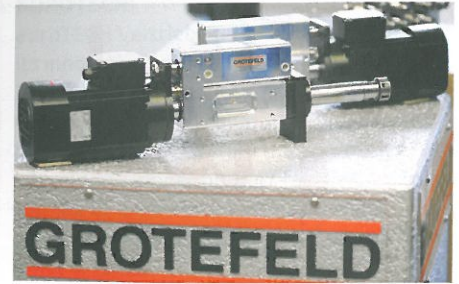
GROTEFELD

System supplier Grotefeld GmbH is to showcase its premium power units for a wide variety of materials. Grotefeld is a highly specialised producer of high-quality power unit technology. The efficient and high-performance components offered by the company are process oriented; their focus lies in the areas of drilling, milling, sawing, cutting, grinding and tracing. The company says these innovative developments will be highlighted in impressive fashion at Ligna.

The company, which is based in Espelkamp, East Westphalia, has fully embraced this year's fair by gearing its presentation towards

its own units, which are highly resistant to mechanical stresses, for the processing of interesting and unusual materials. Composites are a booming segment in the industry. The processing of sandwich elements is regarded as 'a fine art', since the combinations of materials are virtually infinite and new ideas are presented almost every day. Grotefeld will be the first port of call for companies wishing to hold their own in the processing of this category of materials.

Working hand in hand with its international clients on the development of new systems enables its partners to quickly achieve and maintain a competitive edge.



Grotefeld is regarded as a pioneer and driver for innovation when it comes to smart power units and machining solutions.

HALL 12, STAND D72



HEXION

Hexion is a global leader in resins and adhesives for manufacturing engineered wood and panels. Visitors can learn about the company's proprietary chemistries and technologies which underpin one of the most sustainable products – engineered wood.

A leader in wood products for over 80 years, Hexion offers proven solutions such as EcoBind™ resin technologies that meet E1, E0, Super E0, F*** or F**** – the most stringent global emissions standards. In addition, their products, they say, provide excellent panel properties and improved manufacturing productivity. Within the company's full portfolio of forest product resins and adhesives, novel product attributes may include increased heat resistance, increased water resistance, high-speed ambient cure, and improved mill productivity. Hexion's wide range of alternative technologies can meet almost any application in the forest products industry.

LIGNA visitors are encouraged to ask about these product categories:

- EcoBind resins—ultra-low-emitting resins for hardwood plywood, particleboard/MDF and adhesives; can comply with LEED
- Forest Product resins, including PF resins, and adhesives for plywood, OSB and glulam beams
- Wax emulsions for improved panel water resistance
- Melamine resins for laminate applications
- Additives like mould release agents, dyes and catalysts.

HALL 26, BOOTH F77

HOLTEC

Holtec is an experienced designer for logyards and designs, manufactures and installs them for OSB, MDF, particleboard and pellet plants. This includes the debarking, log conditioning, and feeding of OSB stranders or chippers, right through to the waste disposal systems.

For log handling, Holtec designs and manufactures the Solid Plus Line for high performance in tough industrial operations.

In waste, bark and fuel handling, the company offers options for waste conveyors, with chain or belt conveyor, and metal detection.

For debarking, Holtec provides a new adjustable debarking machine, the Vario Barker. With Holtec's SmartConditioning technology, the logs are de-iced during transport by cross-conveyors.

For chipping, Holtec's longitudinal conveyors are designed as rugged belt conveyors or, for especially tough conditions, heavy-duty chain conveyors. For OSB production Holtec offers flaker infeeds.

HALL 26, STAND C27



HYMMEN

As usual, representatives from Hymmen will be at Ligna. The Hymmen experts are looking forward to presenting their innovative and proven technologies, trends and developments to industry experts from home and abroad. Whether it is the newly-developed high-gloss technology in the double belt press sector, the calender coating inert (CCI) or industrial digital printing, Hymmen says its technologies have cornered the market for surface finishing. One of the company's key innovations is its independent digital printing system for up to 3mm-thick edgebanding material. Digital Lacquer Embossing is Hymmen's response to a clear customer need for the look and feel of a surface to match.

Hymmen says visitors will be impressed by the efficiency of its machines and equipment, and can see and feel for themselves the wide range of potential



applications for end products that can be made. Those products are put to practical test in the flooring, wall coverings and table and furniture surfaces assembled at the Hymmen stand.

The Hymmen team looks forward to discussing individual requirements over a cup of coffee. It will be possible to demonstrate interesting details with extensive digital media support.

HALL 26, STAND F28