

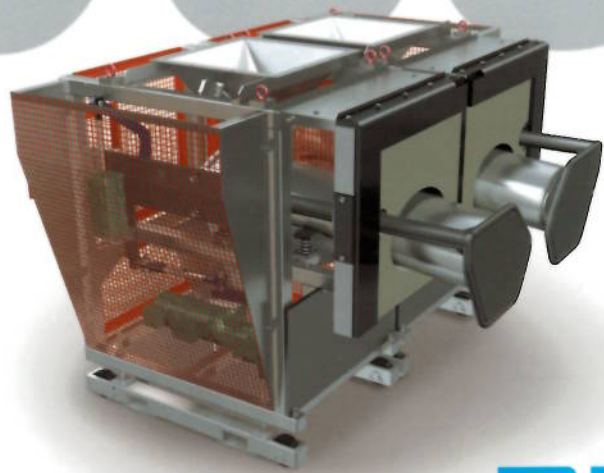
issue
fifty six

November/
December 2014

glass WORLDWIDE

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BATCH AND CULLET
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automotive and solar energy applications, **LandGlass Technology Co Ltd** presented the individuality of tapered glass with its recently developed unlimited variable arc technology.

Langendorf GmbH presented its recently developed glass inloader type SGL 14 light for the transportation of flat glass.

LAT Maschinen- und Antriebstechnik GmbH & Co KG exhibited at glasstec for the fifth time, demonstrating the quality and reliability of its products, including stackers, pushers and plungers.

Lattimer Ltd exhibited a range including pushers, mould holder assemblies, mould holder inserts, neck ring mechanisms, neck ring arms, hinged-back blowhead and baffle arms, quick change blowhead, takeout tong arm, tonghead assemblies, funnel arms, checking fixtures, spares and accessories, linear action tong holder and tong arm adjuster with clutch.

LEMA promoted a series of automatic chemical and physical strengthening furnaces for a wide variety of glasses, as well as polariscopes for testing and glass production control.

Leybold Optics GmbH presented an eco-friendly glass coater, offering the highest utilisation of target material, less gas and energy consumption and the highest throughput yield.

Innovative gas solutions for the glass industry were available from the **Linde** stand.

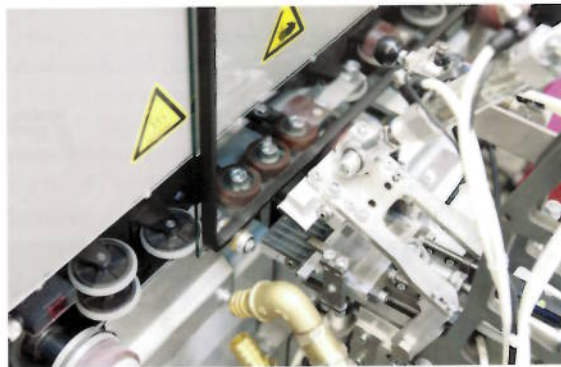
Linn High Therm promoted such products as a fast rotary bending furnace for thin glass sheets, an annealing Lehr design for thin glass sheets and an induction-heated melting/gravity casting device for glass research.

Introduced at this year's show, the 'base' range from **LiSEC** comprises flat glass processing lines and individual machines for emerging markets. Besides an insulating glass line and a glass cutting line, the series includes break-out tables, washing machines, assembly presses, bending machines and automatic butyl application machines. The machines in the base series distinguish themselves through their heavy duty design and easy operation; they are also designed to be easy to install. The commercial effectiveness of the series does not stop there: Spare parts are low cost

and service and maintenance work can be completed easily in most cases. Separately, the company's washing machines now feature automatic infinitely variable brush adjustment, which allows them to maintain consistent contact pressure on the glass sheets at all times. Other innovations on show included re-engineered VFL series vertical sealing machines and the fully automatic TPA system for applying thermo-plastic spacers directly on the glass sheet.



LiSEC launched its 'base' range at glasstec.



Close-up of LiSEC's TPA system.

With a team experienced in all types of glass furnaces, **Lizmontagens Group** promoted its complete scope of services for the glass industry, including the construction and repair of industrial furnaces, total refractory installation, steelwork installation and manufacturing, project management on turnkey projects, procurement and supply of refractory and insulating materials, furnace cool down control, hot sealing and insulation installation and technical appraisals.

Featured by **Lovati Frateli** were the ALCOR 100 double head drilling and routing CNC machine, able to perform holes, notches, pins and screw inserts; IZAR 32 three axis CNC for processing all shapes and profiles; and the LOV 1000 ES semi-automatic edging, bevelling and polishing machine for shaped glasses, described as 'a timeless classic'.

Lubisol Engineering exhibited specialist refractory materials for the thermal insulation of industrial furnaces.

'Quality, reliability and innovation' was the theme of the **Lüscher** display. Specialising in the development and manufacture of mechanical and electronic solutions for offset, flexo and letterpress applications, appropriate modular and market-oriented customer solutions are provided.

LWN Lufttechnik GmbH promoted its strengths in the supply of complete ventilation systems for the glass industry.

Machines Dubuit SAS used glasstec to introduce the 9250 machine for digital printing onto containers. The company is also an established specialist in the manufacture of machines for direct printing onto glass

objects with screen printing.

MACOTEC displayed its latest glass cutting technology that is able to respond to a variety of production needs, both for small and medium size glassworks, as well as those from large industries with high volume production.

Mappi International promoted its flat glass tempering furnaces and lamination machines.

Ink specialist, **Marabu GmbH & Co KG** showcased a range of screen printing, pad printing and digital printing inks for the glass industry. This included glossy metallic effects created by hot stamping in conjunction with Ultraglass UVGL primers. This combination is an attractive alternative to inorganic ceramic inks, offering equally brilliant results for a significantly lower price. Marabu also presented its highly adhesive solvent-based Maraglass MGL and Tampaglass TPGL screen printing and pad printing inks, as well as Marashield UV-CGL shades for printing large glass surfaces.



Hot stamping in conjunction with Ultraglass UVGL primers from Marabu.

Marvalglass srl demonstrated its complete insulating glass lines.

Marposh showed its gauging solutions and applications.

IS machine specialist, **Maul Technology** was a co-exhibitor with Biebow, promoting its range of self-contained mechanisms, universal spare parts and variables.

Merkad Makina Kalip exhibited moulds and machinery spare parts. Products include press moulds, blow process moulds and stem moulds, as well as spare parts.

A leading supplier of suspended refractory systems and related furnace equipment, **Merkle International Inc** supplies suspended backwalls, tin bath roofs and other furnace components, as well as >