

# glass WORLDWIDE

March/  
April 2017

China, Iran & Japan spotlights + exclusive interviews with AGC, Daiichi Glass, Thai Glass Industries, Toyo & Verallia... + much more!



To make glass better,  
put us in the mix.

Our in-house melting experts can help you improve combustion to increase glass production, reduce fuel consumption, improve glass quality, and reduce emissions. Including NO<sub>x</sub>, SO<sub>x</sub>, CO<sub>2</sub> and particulate matter every day.

From the very first oxygen enrichment applications to our latest Cleanfire® burners, we've delivered safe, low-emission oxy-fuel solutions for over 50 years. And, right now, in addition to providing reliable gas supply, our team is optimizing production for hundreds of furnaces all over the world.

Call 800-654-4567 (code 344) to put the skills and experience of our global team to work for you. When you want improved melting, add one key ingredient. Us.

**AIR**  
**PRODUCTS** 

**tell me more**

[www.airproducts.com/furnace](http://www.airproducts.com/furnace)



ENGINEERED SOLUTIONS FOR GLASS CONDITIONING PROBLEMS

## PSR System 500 Forehearths and Distributors.

# GUARANTEED\* performance where the glassmaker needs it most.



\*Subject to technical specification, terms and conditions System 500 forehearths and distributors are offered with guarantees covering temperature stability, thermal homogeneity and fuel consumption.

Are yours?

### PARKINSON-SPENCER REFRACTORIES LTD

Holmfild, Halifax, West Yorkshire, UK. HX3 6SX  
Tel: (44) (0) 1422 254472 • Fax: (44) (0) 1422 254473  
Email: admin@parkinson-spencer.co.uk • www.parkinson-spencer.co.uk

## NEWS

### Vertical milling for waste powder processing

UK-based International Innovative Milling Technologies Ltd (IIT) has developed low energy milling technology for a wide range of waste glass processing applications. The innovative M350 milling system extends the company's 'm-series' range of vertical roller mills and allows close control of particle size distribution to meet the needs of a wide range of size reduction applications for glass powders and waste product streams.

The versatile M350 is designed to accommodate an output capacity range of up to 4.5 tonnes/h for single pass applications and up to 500kg/h for finer products requiring classification. As such, it is considered ideal for cullet reprocessing and additionally is suitable for a wide range of glass sand and powder processing applications, including process validation, small tonnage batch processing, research and development, material preparation and pre-processing routines. ■



IIT M350 mill and control unit.

### Partnership for clean technology innovation

Saint-Gobain, one of the world's largest building materials companies and Greentown Labs, the largest clean technology incubator in the USA have announced an extension to their partnership through 2019. The partnership includes Saint-Gobain providing product donations to support the construction of Greentown Labs' expansion site, the Global Center for Cleantech Innovation, which will nearly triple the incubator's current footprint in Somerville, Mass and secure its position as the largest clean technology incubator in the world.

The vision for the Global Center for Cleantech Innovation is to build the most comprehensive incubator in the world for hardware-focused, cleantech startups to grow. The facility will offer dynamic and creative workspaces, including a wet lab, testing facilities, additional prototyping lab space and a green roof.

SageGlass smart electrochromic glass will be installed on the third floor of the Center. Members occupying the office space will participate in occupant comfort and acceptance studies. Member feedback will allow building scientists to measure the impact SageGlass has on occupant comfort. The data collected and subsequent analysis will directly impact future product and business development. ■



Viewing the proposed Global Center for Cleantech Innovation (from left to right): Peter Scanlon, Greentown Labs Project Manager; Alan McLenaghan, CEO of SageGlass; Minas Apelian, Vice President, Research and Development at Saint-Gobain and CertainTeed Corps; and Todd DiNoia, Director, CertainTeed R&D Platforms and CertainTeed Corp.