

VX CAD/CAM launches new website



The VX CAD/CAM website

The US-based VX Corporation has announced the launch of its new website, www.vx.com. The website has been designed to provide easy access to in-depth information on solving today's tough engineering and manufacturing problems, says the company. "We're introducing a more robust website which will make it easier to learn how VX CAD/CAM can help accelerate modelling and machining success," says Bob Fischer, VX Vice-President, Sales and Marketing.

"The new product comparison tables are extremely helpful as they help users see which VX products will best suit their needs," Fischer comments. The redesign incorporates the VX signature colours with new graphics and completely revamped navigational tools.

Reader Reply No.97

Buhler's EVOLUTION & CARAT



Optimised diecasting machine from Buhler

The Buhler Group supplied its first casting machine exactly 80 years ago. Today, Buhler is at the cutting edge of die casting technology in terms of quality, performance, and process expertise. Buhler's EVOLUTION is a tried-and-true three-plate die casting machine series for locking forces up to 42,000 kN. It handles all liquid die casting processes and creates the necessary freedom for developing new groups of components.

CARAT, another product from Buhler, is an optimised two-plate die casting machine designed to handle all liquid

diecasting processes and contributes to the fine-tuning of quality and productivity. The machine series provides 10,500 to 44,000 kN locking force, graduated in thirteen different sizes. The shot unit can be selected from among three versions (lean, compact, extended) to suit your specific production needs.

The lower space requirement allows a given casting capacity to be maintained on a smaller surface area. No operator retraining required. The dat@net control system of the machine is based on the same concept as previous machines. It offers lower maintenance costs and higher machine uptime and customised locking force selection

At the heart of the diecasting cell is the dat@net control system - an optimised total solution package comprising logics, visualization, control and instrumentation.

The operator terminal, with resistive touch-panel and TFT display, builds upon proven Buhler operating philosophy, says the company.

Reader Reply No.98

Diffusers from Capital Refractories Limited



Coral GDR is used in conjunction with Gas Diffusers

Capital Refractories Limited has developed Coral GDR - a highly-effective dry spinel forming ramming mix for use in conjunction with its range of gas diffusers.

Coral GDR is to facilitate a more efficient flow of gas as requested, resulting in a higher quality melt. Coral GDR is placed over the positioned Capital Gas Diffuser and is formed into a chimney shape. The red in colour material is precisely installed into this area rather than across the whole of the furnace base. This minimises the quantity needed and ensures that the material is economical in its application.

Using Coral GDR with a gas diffuser gives an even and concentrated chan-

nel of gas which is controlled and consistent. Recent use at a site in Asia resulted in gas consumption halving to that of the rate used previously.

Bonds Foundry is a high quality steel castings producer in the North East of England, producing valve, pump, power generation, marine and engineering castings up to 12 tonnes for a wide range of industries. It was one of the first to use Coral GDR and continues to do so with impressive results.

As BF's Dave March explains: "We were experiencing issues with the bottom of our 8 tonne furnace, even whilst using a gas diffuser. Capital installed Coral GDR on top of their plug and straight away the furnace bottom problem was resolved. The material has reduced back pressure of the purging gas going through the lining, and our gas consumption has been reduced too. Using Coral GDR along with a Capital Gas Diffuser has given us significant benefits both metallurgically and thermally within our melt process".

Coral GDR has been specifically designed as a base lining material to complement Capital's range of gas diffusers. It contains special additives to enhance sintered strength. It reacts neutrally and is designed for use on coreless induction furnaces melting steel and high alloy non-ferrous metals.

Capital's range of Gas Diffusers are used world-wide alongside their range of linings, and can be supplied with flow control systems and all fixtures and fittings.

Reader Reply No.99

New lubricants from Chem-Trend

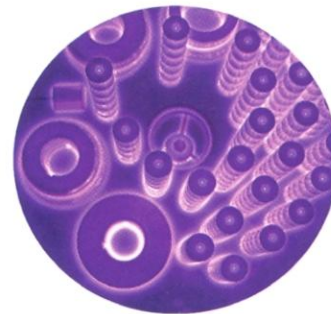


Chem-Trend sets the standard for high efficiency die-casting lubricants by delivering superior product performance for meeting the demands of the diecasting industry, says the company. These standards for performance and efficiency have been raised with the introduction of Power-Lube® 760 piston lubricant, it says. Machine operators and Process Engineers can now use one-third less Power-Lube® 760 per application compared to other oil-based lubricants. The benefits include reduced cost per cycle, product waste, and improved air quality. Power-Lube® 760 has been shown to prolong plunger tip life while increasing machine efficiency. All these benefits combine to provide industry-leading

performance and financial benefit to die-cast companies.

Reader Reply No.100

Plasma nitriding equipment from Monometer Ionitech



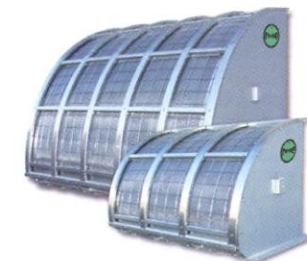
MONOMETER AND IONITECH

Affordable installations for Plasma Nitriding and Carbonitriding

Monometer, with its partner IONITECH Ltd, has 30 years' experience in the field of Plasma Nitriding Nitrocarburising and can help you solve any related problem. IONITECH Ltd offers 14 standard dimensions of vacuum chambers with 20kW, 25kW, 50kw, 75kW, 100kW, 150kW and 200kW pulse power supply. If you need something special, our engineers will develop and we will manufacture the plasma nitriding equipment exactly matching your needs.

Reader Reply No.101

Orthos flameless explosion vents



The new Rembe Q-Box II flameless explosion venting system from Orthos

Orthos has developed the new Rembe Q-Box II flameless explosion venting system for indoor and outdoor applications available in the UK. The unit combines enhanced safety with cost-savings and greater plant layout flexibility with easy installation directly on to a flat surface. Absorbing dust explosion flame and heat, the system is ideal for industrial plants