



LBBC TECHNOLOGIES

Engineering the Next Generation
of Process Technologies



Mold De-waxing

Boilerclave®

Recognising the unique properties of steam, the Boilerclave® provides consistently rapid pressurisation for effective mold dewaxing. With the combination of the unique properties of the **Quicklock® Door** system, the Boilerclave® is the preferred choice for the modern foundry.

With 10 bar steam pressure producing 180°C and all sized units pressurising in less than 3 seconds to the benchmark pressure of 6 bar, the user is able to eliminate cracked shells and achieve the highest dewaxing yield at the lowest operating cost.

The combination of unparalleled experience, knowledge and vision led LBBC Technologies to develop the revolutionary Boilerclave®. Its superior proven design and technological advances instantly set the global standard for more efficient, precise and reliable dewaxing.



Key benefits:

- highest levels of safety
- reliable, consistent and risk-free dewaxing resulting from self steam generation
- fast achievement of steam pressure using world renowned Quicklock® door
- eliminate shell cracking through rapid steam transfer
- enhance process control with advanced process data analysis and network integration
- improve ergonomics and minimise footprint
- simple to install and low operating costs
- ongoing technical support by industry leaders throughout the product life

All products are fabricated and built entirely at LBBC Technologies in Leeds, UK to global industry standards including CE, U Stamp and China License, which ensures consistent quality and pressure vessel integrity.

Key features:

- Quicklock® Door - patented design, fast, safe and reliable
- Uniform temperature distribution
- Working temperature 180°C, 356°F
- Optimum boiler pressure 10 bar for maximum efficiency
- Electric heating - economical, efficient, easy to maintain
- Instant thermal transfer - no cracked shells
- Simple to install - connect services and start dewaxing
- Push button controls - convenient, consistent and safe
- Programmable cycle - optimum results
- Integrated handling system - safe movement of shells around dewaxing area
- Wax collection system - safe containment of molten wax
- Fully insulated - effectively reduces power usage
- Easy fit door seal design



Model	Chamber Diameter	Useable Length	Primary sector applications
BC900	900mm	1100mm	All
BC1220	1220mm	1500mm	All
BC1500	1500mm	1500mm	Structural / IGT
BC2000	2000mm	2000mm	Structural / IGT



About LBBC Technologies and investment in R&D

As world leading designers and manufacturers of autoclave technology since 1876 LBBC Technologies have a wealth of knowledge in the technology and process for mold dewaxing and ceramic core leaching.



The company has a culture of continuous improvement and is working with industry bodies to continue to set the benchmark. In 2014 LBBC Technologies moved into a new purpose built facility which will enable the company to pursue the vision for continuous investment in R&D into the future. LBBC provide extended warranties and ongoing technical support for all products including service, maintenance, training and spares to help optimise use of the equipment.

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