

The right centrifugal for every need

Thanks to a comprehensive modular kit for batch and continuous centrifugals, the best results in all areas of application can be achieved.

Batch and continuous centrifugals have to meet different requirements depending on their application, however, high efficiency, the lowest possible Total Cost of Ownership (TCO) and maximum safety are always indispensable features. To fulfil these requirements, the latest technology and competent consulting are as important as a modular product range – and all this worldwide. BMA, as a world leader in engineering and manufacture of machinery and equipment for the sugar industry, offers longstanding experience in the design and manufacture of centrifugals for the beet and cane sugar industry as well as refineries and therefore knows how to satisfy its customers all over the world. With its E series (2012) and the K3300 centrifugal (2009), BMA offers state-of-the-art batch and continuous centrifugals, which are manufactured in

Germany. Thanks to a modular system, the basic centrifugal types can be tailored within defined options to suit individual demands in most different areas.

For example, for different processing capacities, three different sizes of batch centrifugals are available. Another benefit is offered by various standardised solutions for centrifugal control and operation. Additional components such as distribution mixers or sugar outlet systems are available as well as material and process options. In case of requests beyond the scope of standard options, the BMA in-house design and technology department is also able to produce tailored solutions.



Phone +49-531-8040
Fax +49-531-804 216
sales@bma-de.com
www.bma-worldwide.com

**PERFECTLY
PREPARED**

BMA always has a certain number of pre-manufactured centrifugals available in order to be able to quickly react to requests at short notice.



Optimal cost-benefit ratio

Regardless of the options chosen, the advantages of the E series and K3300 remain the same. Each centrifugal type is designed so as to achieve the optimal balance between a very high processing capacity and sugar yield on the one hand and low operating cost on the other hand. Extremely smooth operation and easy processing of different massecuite qualities lead to very high process stability. Thanks to the use of long-life wearing parts combined with easy maintenance, standstill periods are reduced to a minimum. All these aspects, i.e. low operating costs, fewer and sturdier wearing parts, and easy maintenance, lead to minimised service life costs.

Innovative design for higher productivity

The individual benefits can be attributed to the centrifugal design features. For example, the batch centrifugals of the E series are equipped with a long discharger without vertical movement, which helps achieve shorter cycle times and therefore higher throughputs. The optimised basket design with elliptical openings also contributes to the higher throughput and allows for a service life which is expected to be up to three times longer. The simple yet efficient syrup separator reduces the colour of the high-green syrup by up to 50% more than can be achieved with conventional processes. Alternatively and according to the customer's particular requirements, a larger high-green syrup quantity can be sepa-

rated while maintaining the colour. In case of the continuous K3300 centrifugal, the two-stage basket and the Turbo3 product distributor help yield a higher throughput, while the product distributor ensures better separation of syrup and crystals.

In addition to excellent technological properties and increased productivity, the highest possible efficiency was another focus of development for these two centrifugal types. This included minimised energy consumption, as well as comfortable maintenance of the machines thanks to easy accessibility and a reduced number of individual components.

Safe and competent

At BMA, state-of-the-art technology is combined with highest safety and excellent service. All BMA centrifugals meet the latest standards for hygiene and machinery and work safety, which is due, among other factors, to the use of a high proportion of stainless steel and a standard failsafe control system for batch centrifugals. Moreover, in case of an emergency, a quick response is guaranteed: thanks to the worldwide network of BMA represen-

tatives and branch offices located in Russia, Brazil, India, China and the USA, BMA contacts close to the customer are available at any time, and spare parts and services can be obtained directly from the region. The optimal centrifugal for any specific need is now a reality – the proven combination of state-of-the-art modular technology, longstanding experience and individual service at BMA make it possible.

