

Continuous centrifugals · Batch-type centrifugals  
Vacuum pans with honeycomb calandrias

# ***Buckau-Wolf Sugar Technology***



**Buckau-Wolf**  
BWS TECHNOLOGIE

# *It all revolves around top quality*

The BWS trademark Buckau-Wolf has stood for quality and reliability for many years. The major international sugar producers have placed their trust in the various products from Buckau-Wolf for that long. Our portfolio includes continuous and batch-type centrifugals in various sizes as well as vacuum pans with honeycomb calandrias.

The fully automatic centrifugals from BWS are used for the solid/liquid separation of crystal suspensions in the food industry. The most important areas of use are white sugar and raw sugar as well as after product sugar from processing cane and beet. Further areas of use are the processing of dextrose, fructose, isomalt and candy sugar.

The Buckau-Wolf centrifugals are fitted with equipment based on innovative technology, such as our new BWS control system, and not only permit higher production outputs, but additionally achieve a markedly better sugar

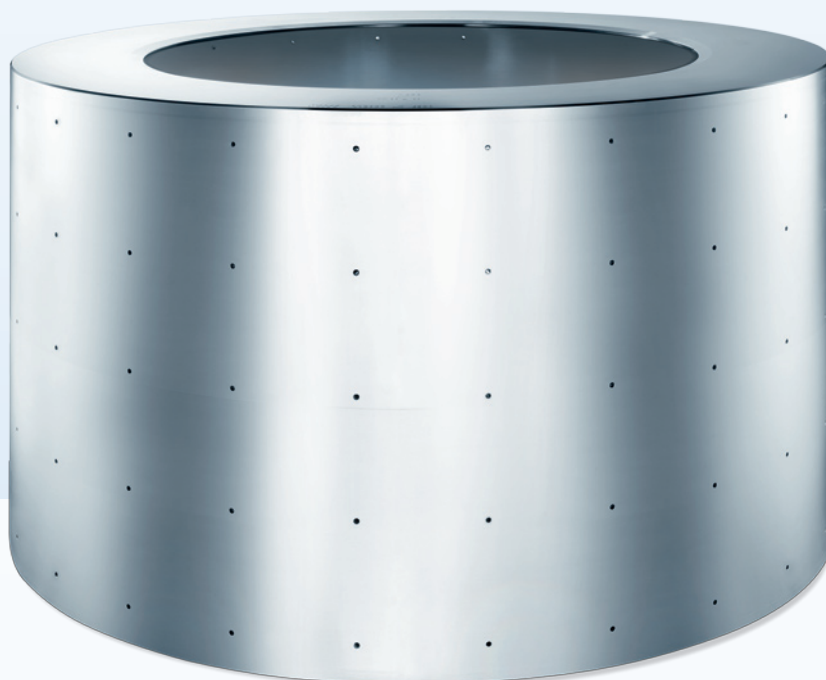
quality with lower energy consumption and at the same time provide a high degree of operational reliability.

## **Buckau-Wolf continuous centrifugals**

The continuous centrifugals are predominantly used for the production of raw sugar and after-product magmas. Due to the special design they provide decisive advantages such as the integrated acceleration cone with the possibility of steam feeding by means of DSI which brings about a reduction of the massecuite viscosity and thus an increase in separation efficiency.

## **Buckau-Wolf batch-type centrifugals**

The batch-type centrifugals are mainly used for the production of white sugar, refined sugar and dextrose production and have a unique slim basket design. It is upon this and upon a lot of innovative solutions such as, among others, our own specially developed control system that ensures a smooth and constant process flow that the high efficiency of the machine is based. In addition, special additional functions ensure a high level of operational reliability.







### **Vacuum pans with honeycomb calandrias**

The vacuum pans under the Buckau-Wolf trademark with the honeycomb calandrias are unique in their design and bring about a capacity expansion. They are acknowledged worldwide for their high energy efficiency and optimum quality of the sugar crystals. They can be retrofitted at any time in existing systems without any modifications of the regulating devices and the process equipment.

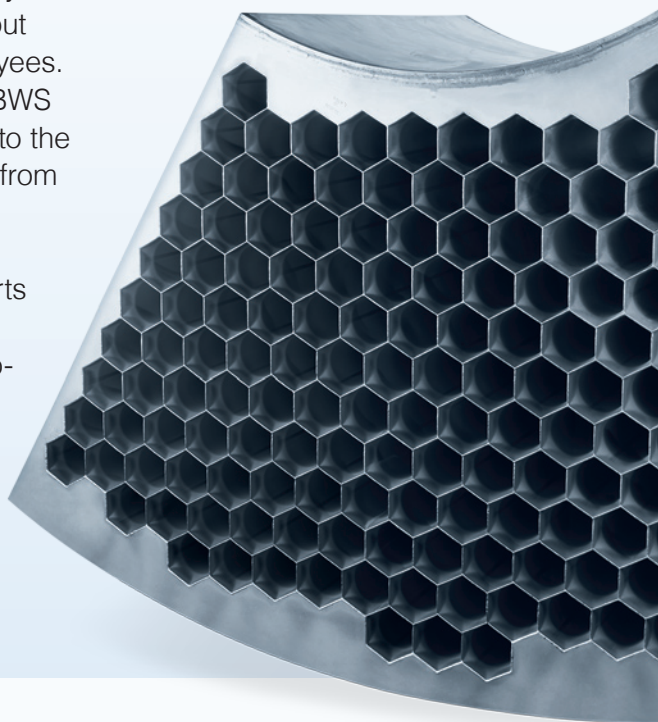
### **Everything from one and the same source**

As a machine manufacturer with our own design and development department, we are, due to our many years of experience and our know-how, in a position to configure the ma-

chines for specific customers in an optimum manner. From the outset our customers can profit from our comprehensive process advice. The machines are produced in Germany in our own manufacturing facilities and prepared for installation on the customer's premises. Finally, commissioning is carried out by our experienced employees. They ensure that the new BWS technology fits smoothly into the process environment right from the start.

With our 24-hour spare parts service we ensure for the future that the main components for our customers are available at short notice everywhere and at any time. Besides maintenance and repairs –

naturally also on the spot on the customer's premises – our comprehensive service portfolio also includes modern diagnostic methods, recurrent tests and modernisation measures for the machines.



# Service unlimited

Buckau-Wolf machines and process equipment are in use at our customers' throughout the entire world. And our service is, too: with numerous agencies we are at hand everywhere from the very beginning with help and advice at any time, whenever you need us.

## Our services all around Buckau-Wolf

- Process advice for the planning and operation of plants
- Customised quotations in response to your inquiries
- Assembly and commissioning
- 24-hour spare parts service
- Corrective maintenance and repair
- Machine diagnosis with CMS
- Inspections using eddy-current technology



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