

# Reliable performance for sugar extraction







# Worldwide excellence

When it comes to reliable performance in demanding environments all over the world, we know all about providing the right movement, power, control and function regardless of technology or location. Flexible system solutions for a wide range of applications help you optimize performance and productivity, wherever you are.

## Unrivalled expertise

For the demanding everyday tasks in sugar extraction, we know all about providing the power and control to do the job efficiently. We provide safe solutions for machinery and personnel that help improve production flow.

The scope of our solutions for heavy engineering projects is unrivalled and with our expertise in applications engineering, we provide a unique service to help you enhance performance and productivity.

### **Some of the benefits of using Bosch Rexroth solutions for your machines and applications:**

- ▶ excellent controllability
- ▶ process efficiency
- ▶ high reliability, security and safety
- ▶ maximizing availability thanks to space-saving design
- ▶ robust solutions insensitive to tough environment
- ▶ worldwide support







## A good start to the process

For reliable lifting, tipping, raising and feeding – we can provide you with a reliable system solution for any kind of movement in the intake stage of sugar extraction that allows you to optimize performance, regardless of technology or environment. And this solution is easy to maintain, adjust and upgrade should your needs or materials change.

### **Hilo winches – features**

- ▶ excellent controllability
- ▶ weight and space-saving design
- ▶ ability to start, stop and reverse with precise control

### **Cane tables and conveyors – features**

- ▶ torque control protects the chain/belt from overloads
- ▶ soft starts and stops keep chain stress to a minimum
- ▶ low speeds for easy inspection
- ▶ high starting torque can be maintained for an unlimited period of time

### **Wagon tipplers – features**

- ▶ excellent controllability
- ▶ high reliability for optimized capacity
- ▶ all functions from one supplier







## Squeezing the most out of sugar

With our extensive experience from many sugar projects over the years and expertise in our system solutions, you can rest assured that your milling process is in reliable hands with our flexible system solutions. Regardless of environment or technology, we have the solution that will help you maximize production. Our space-saving and modular solutions will prepare you for the demands of today and tomorrow. The rugged and reliable system solutions are easy to maintain and upgrade should your needs change.

### **Drives for roll mills, including top roll drives and independent roll drives – features**

- ▶ the versatile design of our space and weight-saving solutions offers great possibilities for upgrades and adaptation to new needs and varying materials
- ▶ solutions with the best power-to-weight ratio available
- ▶ high reliability thanks to the low moment of inertia





Assist drive



#### **Assist drives – features**

- ▶ powerful solutions with small size that are adaptable to space available
- ▶ modularity in design offers great possibilities for upgrades and changes
- ▶ repowering existing drives by 100%

#### **Pressure feeders – features**

- ▶ built-in overload protection provides smooth and safe operation for both machinery and personnel
- ▶ space and weight-saving design allows solutions to fit in available space without major adjustments or costly changes.





## Ensuring performance

As experts on getting things going, Rexroth is a one-stop shop for system solutions and functionality for a wide range of applications all over the world. Our extensive portfolio of products ranging from advanced system solutions to high quality products helps our customers improve performance and optimize production – perfect for every step of the sugar extraction process.

### **Chainless diffusers – features**

- ▶ high reliability through built-in redundancy and proven technology
- ▶ modular design makes it easy to upgrade and expand as needs change
- ▶ global network of service and support



# Attention to details

Our commitment to bring excellent functionality doesn't stop at big solutions and entire processes. We have an entire portfolio of high quality products to bring you the extra functions needed for your specific processes, ranging from controls for level automation to filter cooling circuits.

## Added functionality

- ▶ valves
- ▶ control platforms
- ▶ filters
- ▶ hydraulic pumps
- ▶ auxiliary hydraulic units



## Reliability all the way

Our mission is to make sure that our customers get the most out of their processes and work through great solutions and service – to facilitate and enhance their operations by being an active long-term partner, sharing our experience, know-how and technological solutions.

### A long-term partner

Wherever you are, we are right there with you. With our global network of knowledge and service, we offer local support that goes well beyond the ordinary. Our experienced engineers are not only experts in our own solutions, but also specialists in your applications.

With our own local service personnel who understand our products and your situation, we take care of the system solutions so that you can concentrate on the most important aspect of all – your core business.







The Drive & Control Company

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