Diorit Roller Mill.
MDDY/MDDZ
Top-performance milling technology. 
For maximum product quality.

To mill various types of grain into high-quality flour, powerful roller mills are needed that can keep pace with the growing demands for hygiene, throughput, efficiency and low running costs.

Bühler’s Diorit MDDY/MDDZ four- or eight-roller mill consistently and safely grinds wheat, corn, rye, barley, spelt and other grains.

Maximum sanitation is guaranteed through the use of stainless steel and other food-safe materials. With a broad array of configuration possibilities and optional features, grinding solutions can be individually tailored to specific requirements.

**Advantages**
- First-class milling performance
- Easy operation and maintenance
- Maximum safety
- Universal application
Maximum hygiene.
Thanks to food-safe design.

First-class milling performance.
The sturdy, durable, cast-iron machine frame provides an optimal base for high grinding performance in 24-hour continuous operation. The wide inlet and the variable speed of the feeding roller ensure even feeding across the entire length of the grinding roller, contributing to consistent product quality. The compact roller package with self-contained forces means a high degree of setting accuracy and milling stability can be achieved. The low-wear, maintenance-friendly toothed belt power transmission ensures calm, reliable, constant operation.

Food-safe materials.
All parts of the Diorit roller mill that come into contact with the product are made from rust-free stainless steel or other food-safe materials. Lockable covers safeguard access to the machine and ensure that no contamination is able to make its way into the roller mill. The patented, pivoting feeder module permits fast and complete product discharge and allows easy access for cleaning.

Easy operation and maintenance.
The ergonomic clamping device of the grinding gap adjustment system, as well as optimally positioned grips, make operating the machine easier. The Quick Pack roller package allows both rollers to be changed quickly, reducing the amount of downtime required.
Maximum safety. 
Thanks to seamless monitoring.

For constant and reliable operation of the roller mill, seamless monitoring is indispensable. Diorit’s modern sensor technology ensures that the rollers are always ideally positioned and running at optimal speed. Additional safety functions also guaranteed maximum safety for operating personnel.

Monitoring of roller disengagement.
The Diorit roller mill features integrated monitoring of the roller disengagement function. This prevents the rollers from running against each other if there is no product present, generating an error message where necessary.

Speed monitoring.
The speed monitoring of the rear milling roller checks while the mill is operational that the toothed belt for the rear roller drive is working properly.

Temperature monitoring.
The optionally available, continuous monitoring of the roller and bearing temperature triggers an alarm immediately and stops the drive without delay as soon as the roller or bearing temperature rises excessively.
Diorit Roller Mill
MDDY / MDDZ
Customized service. Worldwide, 24/7.

To ensure the reliability of processes and systems at the highest level, Bühler offers its customers comprehensive maintenance services and customized service packages for every need. The competent advice from the experienced experts guarantees optimum service at any time.

For trouble-free operation with the Diorit roller mill, Bühler offers both customized services as well as end-to-end maintenance solutions. More than 1,000 highly trained service staff in over 140 countries advise and support on site, among other ways, through customized service agreements, fast repair and support services, as well as innovative retrofits.
Universal application.
For every need.

Diorit represents powerful milling technology with the highest possible throughput, optimized hygiene and safe operation. It is available as a four- or eight-roller mill in various lengths from 600 mm to 1500 mm, and now also with a roller diameter of 300 mm, which is particularly ideal for the production of fine, low-ash flours with little starch damage. Different product inlets, scrapers and rollers are optionally available. This means that every requirement in terms of performance and throughput can be met. The Diorit can also be customized with a wide selection of additional functions to suit individual requirements.

Options.

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<th>Roller temperature monitoring</th>
<th>Bearing temperature monitoring</th>
<th>Direct extraction</th>
<th>Water cooling</th>
<th>Roller lifting device</th>
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<th>Type</th>
<th>Roller diameter (mm)</th>
<th>Roller length (mm)</th>
<th>Dimensions (mm)</th>
<th>Weight (kg)</th>
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