

es Plus⁺

Roller Mill
Antares Plus.
MDDR/MDDT.

Added value guaranteed. **The plus in flour quality and yield.**

The Antares roller mill stands for perfect grinding results, highest sanitation, and a consistently reliable operation. Antares Plus combines all these benefits and, as a plus, offers maximum consistency in terms of flour quality and yield, as well as increased operational reliability.



Antares Plus: Automatic grinding gap adjustment and temperature monitoring.

Consistent product quality.

The automatic grinding gap adjustment, integrated with the online particle size measurement (Online PSM MYTA) maintains a consistently optimal grinding action of the Antares Plus roller mill. Particle size deviations are corrected automatically, accurately, and in real time. This ensures consistently high product quality.

Continuously high yields.

Grinding action remains constant at all times, regardless of personnel and raw material quality. Continuous, automatic measurement and regulation guarantee constant high flour productions.

The advantages at a glance:

- Consistent product quality
- Highest yields
- Increased operating reliability

Temperature monitoring with the latest technology. For safe operation.



Sensor strip for roller temperature monitoring.

Roll temperature monitoring.

The temperature sensors, integrated into a sensor strip, measure the temperature profile across the entire roll. Measured values are displayed on the roller mill's display. If the temperature exceeds a preset threshold or a defined temperature difference, an alarm is triggered and the main motors switch off. As a result, an excessively high contact pressure and a dry running of the rollers can be detected, thus preventing any subsequent damage. Accordingly, the reliability of the roller mill and the complete plant is increased.

Bearing temperature monitoring.

An additional safety feature of the Antares Plus roller mill is its bearing temperature monitoring system. With the aid of sensors, the temperature of the roll bearings is continuously monitored. Overheating of the roller bearings can be detected at an early stage. In the event of a failure, an alarm is triggered and the main motors of the roller mill shut down. Subsequent damage can be avoided, which contributes significantly to improve operational safety.

The plus in scope of supply:

	Antares	Antares Plus
Quick Pack roll pack	■	■
Insulated stainless steel paneling	■	■
Swing-out feeder	■	■
Innovative aspiration strip	■	■
Automatic grinding gap adjustment	□	■
PSM Online particle size measurement	□	■
Roll temperature monitoring	□	■
Bearing temperature monitoring	□	■

■ Included in the scope of delivery □ Available as an option



The Antares Plus roller mill is equipped with an automatic grinding gap adjustment system and the particle size Measurement - PSM Online MYTA - as standard. The roll and bearing temperature monitoring system ensure maximum reliability and a high end product quality. The aspiration strip minimizes condensation and guarantees the best hygiene.

Bühler AG

CH-9240 Uzwil
Switzerland

T + 41 71 955 11 11
F + 41 71 955 66 11

buhlergroup.com/milling

Flyer Antares Plus en 09/17 ZACC