Grist Mill
Maltomat IV
MDBB



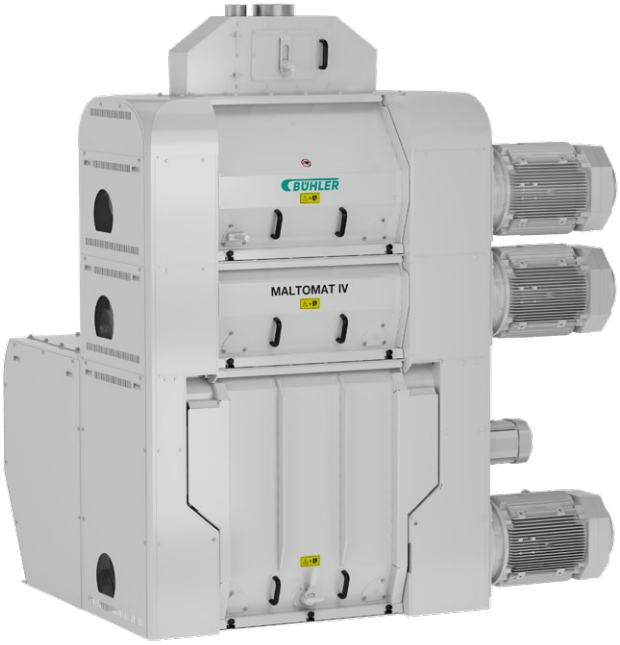
Innovations for a **better world.**

BÜHLER

The new Maltomat IV
Maximum performance, certified safety

Maltomat is a highly modern and flexible grinding system for dry or conditioned malt and unmalted grain. The new Maltomat IV delivers even greater performance with upgraded software and powerful servomotors.

It remains the trusted machine, but operates more precisely, more efficiently, and is more future-proof than ever before.



Key benefits

High throughput while boosting quality
Delivering optimal performance that you can count on, even at high throughput and 24/7 operation.

Machine control system
Incorporates a 15” Full HD touchscreen with an intuitive interface and integrated calibration wizards, giving you greater control, easier usability and peace of mind with your operations.

Compressed air free operation
Operates entirely without compressed air, eliminating the need for dedicated pneumatic infrastructure, thus lowering utility costs.

Suitable for all common lauter tun and mash filter systems
Provides a flexible grinding platform that integrates seamlessly into any standard brewhouse and mash house configuration.

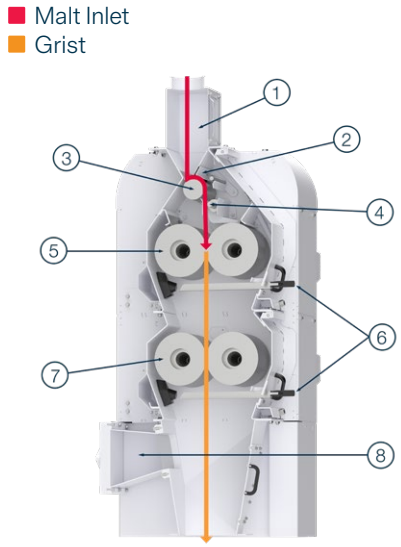
Safe, compliant, and certified
Access complete peace of mind with FDA and EU food safety compliance with additional hardware safety. The Maltomat IV provides continuous monitoring for roller speed, bearing temperature, and product feed to ensure safe, stable machine operation. The certified dust explosion protection design includes a direct-connected flame quench system.

Low maintenance
The sturdy design and easy machine access reduce maintenance time. For instance, by measuring the corrugation profile through the Bühler rollDetect service, the best time for changing the rolls can be determined.

Extensive global service network
Guarantees rapid technical support and tailored service contracts to ensure maximum plant availability with minimal downtime.

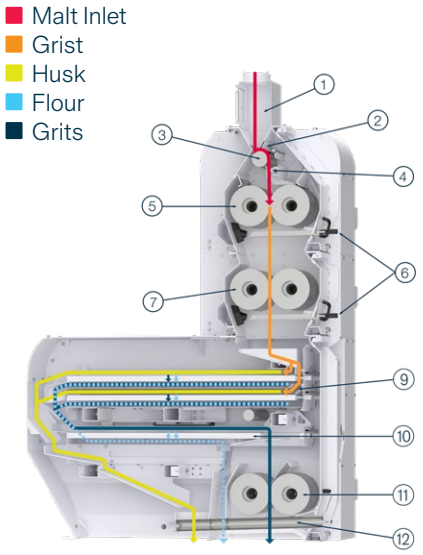
Upgrade your brewhouse
Total flexibility and seamless integration

The Maltomat IV provides a flexible grinding platform that integrates seamlessly into any standard brewhouse and mash house configuration. Its flexibility includes various machine sizes, motors and number of passages, and it is suitable for processing of malt and adjunct. The Maltomat IV features automatic grinding gap adjustment that can be adjusted at any time during production.



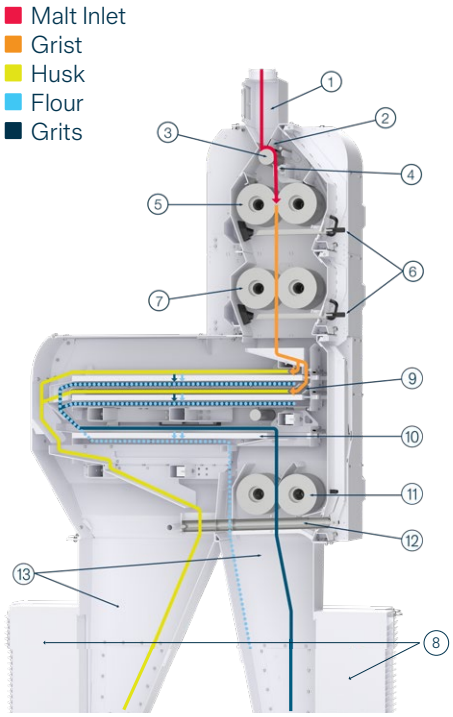
4 roller mill

Gentle and optimal grinding of malt and unmalted grain.



6 roller mill: Without husk separation

Optimal grinding with increased yield.



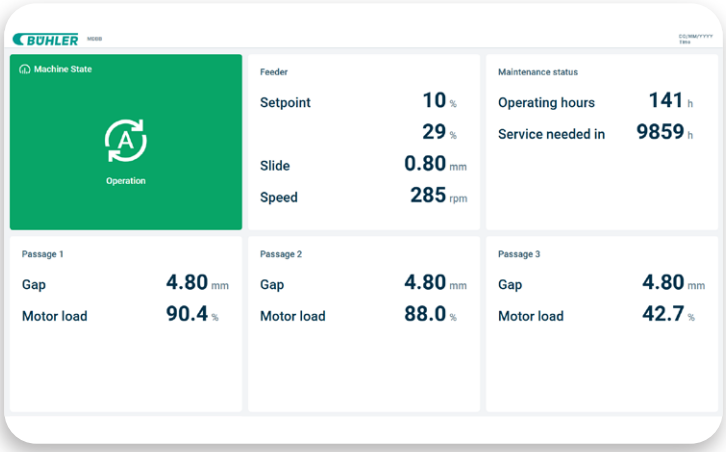
6 roller mill: With husk separation

Optimal grinding with increased yield and husk separation.

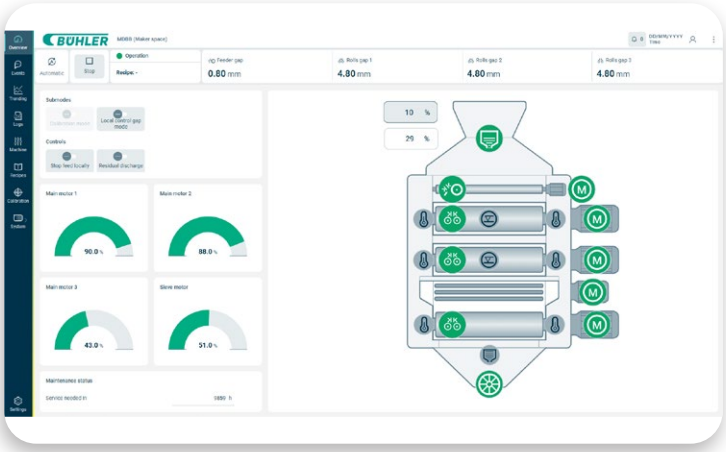
1 Inlet dropper	2 Dosing slide gate	3 Feed roll	4 Permanent magnet	5 Pre crushing roll pair	6 Sampler	7 Husk roll pair	8 Flameless pressure relief	9 Screen box top	10 Screen box bottom	11 Grist roll pair	12 Overall sampler	13 Discharge hopper husk separation
4 roller mill	●	●	●	●	●	●	●	●				
6 roller mill: Without husk separation	●	●	●	●	●	●	●	●	●	●	●	
6 roller mill: With husk separation	●	●	●	●	●	●	●	●	●	●	●	●

Smarter, safer
State of the art graphical user interface

The Maltomat IV's new high-resolution 15" display brings local, real-time process monitoring directly to the mill room floor. You will get a clear view of critical operating data, such as continuous monitoring for roller speeds, bearing temperatures, and product feed, improving situational awareness and enabling fast troubleshooting directly at the machine.



Example of the new intuitive dashboard for improved usability and control.



Benefit from responsive control and grinding gap adjustment during live production, ensuring uptime remains high.

New machine control system

- 15" full HD display, ATEX-certified
- State-of-the art graphical user interface
- Easy handling and self-explanatory operation
- Integrated calibration wizards
- Elimination of manual guesswork
- Minimization of operational mistakes
- Faster setup time between batch changes

High safety standards: The Maltomat IV has an eye-catching shock pressure-proof design. The safety concept has been supplemented with the most modern sensor monitoring and a magnet that protects the machine. In addition, a distribution paddle in front of the feed roll ensures the product is spread across the entire length of the roll. Quality control becomes possible and easy by taking a sample after every passage.

Increase production and efficiency
Also suitable for mash filters

Suitable for mash filters

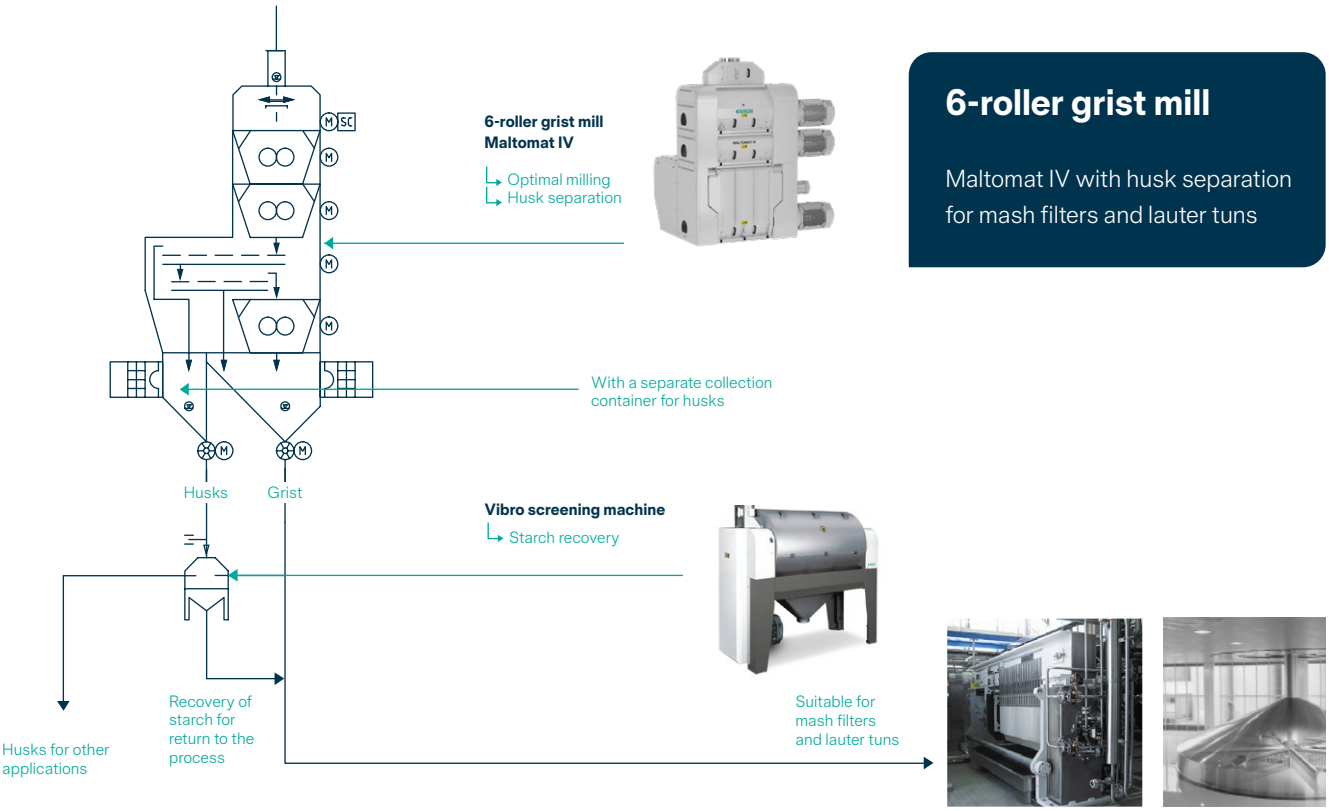
Thanks to its flexibly adjustable husk separation, the Maltomat IV is suitable for both mash filters and lauter tuns. The husks are separated from the flour and grits and fed to the Vibro screening machine. This enables efficient screening, optimal starch recovery, and separation of the husks.

Increased production

Husk separation reduces the total amount of material in the process. A higher proportion of starch-rich grist is fed to the brewhouse, increasing overall process efficiency.

Maximized beer quality

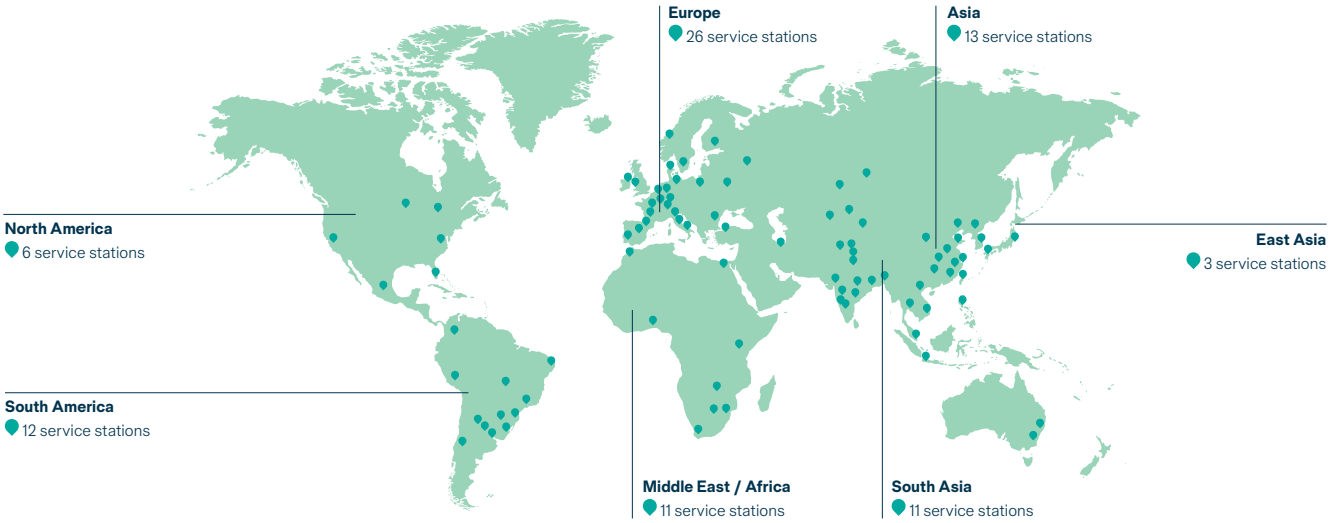
Surface treatment of the raw material reduces biological and chemical contamination. This improves the quality and consistency of the final product.



6-roller grist mill

Maltomat IV with husk separation for mash filters and lauter tuns

Customer service – anytime, anywhere
For Maltomat IV



Support from the Bühler service network

Bühler's global service network guarantees support, which means maximum plant availability with minimum downtime.



We care

Your satisfaction with our products and services is our highest priority. We support you through a broad range of services, including planned inspections and maintenance activities designed to ensure high productivity, reliable performance, and a long service life for your equipment. Fixed pricing for the duration of the agreement provides transparency and makes maintenance costs easier to plan. MaintainCare Plus helps maximize the value of your investment over the entire lifecycle.

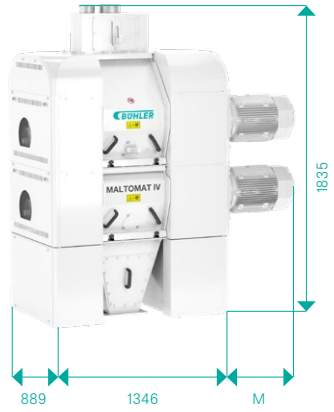
Performance Assessment Workshop (PAW)

Our experts combine experience and an objective view to understand your needs. We use facts and data to identify the best opportunities for improvement. Based on the findings, we create a clear and practical action plan. We share knowledge and insights to support your team for the long term.
Our recommendations help improve production efficiency and performance.

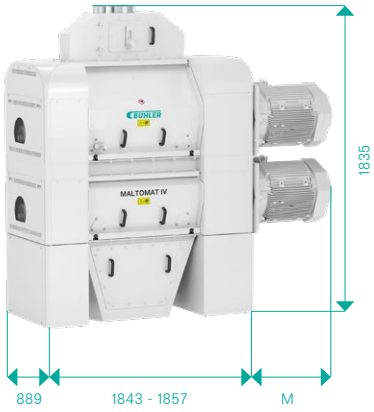


Universal use
Modularity means flexibility

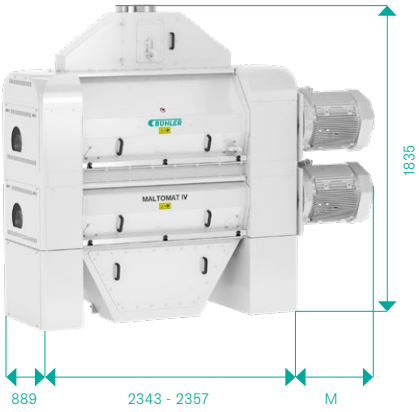
MDBB-500-4



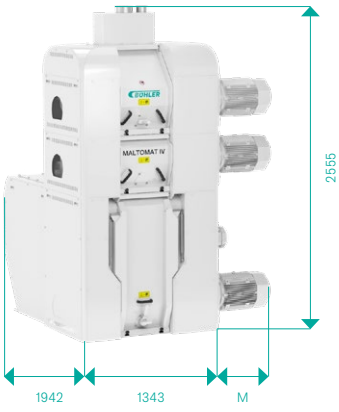
MDBB-1000-4



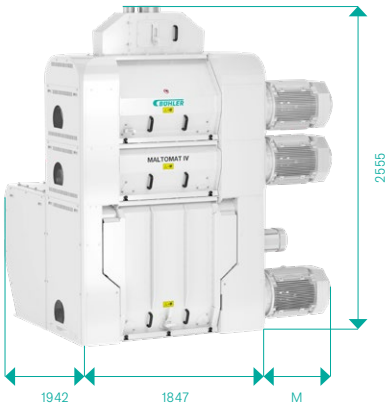
MDBB-1500-4



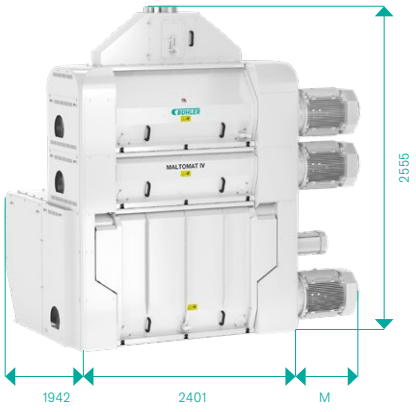
MDBB-500-6-S



MDBB-1000-6-S



MDBB-1500-6-S



Modularity for maximum flexibility

		MDBB-500-4	MDBB-1000-4	MDBB-1500-4	MDBB-500-6-S	MDBB-1000-6-S	MDBB-1500-6-S
Throughput barley malt	t/h	4-6	6-11	11-16	4-6	6-11	11-16
Number of rolls	units	4	4	4	6	6	6
Roll length	mm	500	1000	1500	500	1000	1500
Weight	kg	2900	4300	5100	5100	6900	8400
Sieve module		No	No	No	Yes*	Yes*	Yes*
Motor size	kW	4-15	7.5-30	11-37	4-11	5.5-18.5	11-22
Motor length M	mm	570-774	716-746	716-746	488-716	488-746	592-746

*The sieve module enables gentle and optimal grinding of malt and unmalted grain to increase yield.

Ready to upgrade your grinding performance?
Contact your Bühler representative today to see how the Maltomat IV can enhance your operations.



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