



Purifier Polaris.  
**MQRG.**

# Purifier Polaris.

## Setting new standards in semolina production.



Polaris impresses with its fascinating performance and the groundbreaking design.

### Powerful.

Higher specific sieving capacity paired with a higher yield of low-ash flour or low-speck semolina maximizes economy and ensures a sustainable capital investment. One of the most noticeable features of the new Polaris purifier is its increased throughput capacity of 20%.

Polaris – the successful symbiosis for any future-focused milling company.

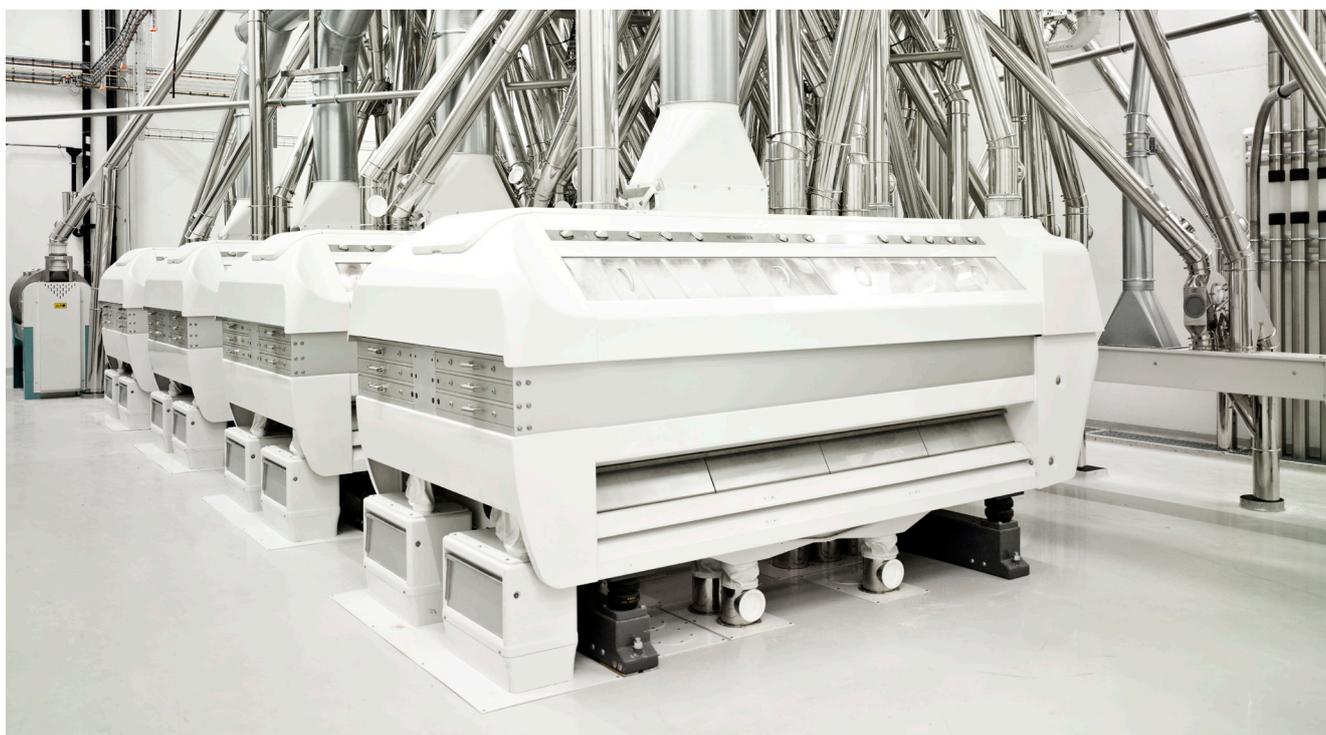


Pure semolina for highest quality standards.

### Universal application.

With a single machine size, the Polaris covers the entire capacity range. Thanks to its high flexibility, it blends effortlessly with any plant in which it is integrated. Whether soft or hard wheat milling, durum milling, or corn/maize milling – the Polaris will fulfill customized requirements to complete satisfaction.

# Designed to meet the highest standards. **Process and product safety.**



The purifier Polaris MQRG: Guarantor of highest profitability and pure end products.

## **The highest sanitation standards.**

The completely enclosed machine satisfies the most rigorous international food standards (FDA, BRC, IFS). Its components in contact with the product are made of stainless steel or other high-grade engineered materials to ensure the highest sanitary conditions.



Covers at the product outlets for high product safety.

## **Easy access.**

Easy-to-open panels allow convenient cleaning, thus allowing the machine's high level of sanitation to be maintained.

## **Easy operation.**

The machine's user-friendly design and high-precision adjustment elements ensure optimal selection of the process parameters, in line with each specific product.

# Maximum separating efficiency. **Low-ash flour, low-speck semolina.**



High-grade materials for absolute sanitation.

## **Top space-to-yield ratio.**

20 % more throughput with maximum separating efficiency and a minimum space requirement have become a reality in the Polaris.

With its screen width of 520 mm – and a screen length of 4 x 500 millimeters – Polaris boasts a greatly increased work area. Thanks to its sophisticated design, Polaris does not require more space than conventional models. In addition to the increased screen area, the air flow inside the new machine has been optimized as well.



Optimized feeder device.

## **Innovative technology.**

A sophisticated product feed system with integrated pre-stratification zone in which the product is accelerated ensures optimal utilization of the available screen area.

## Maximum uptime. **High economy.**



Quick and easy access to all sieves in the machine.



Low-maintenance vibration mounts for long operating times.



User-friendly design for easy operation.

## **Low operating costs.**

Economy was a major consideration in the selection of the individual elements. The integrated LED lighting saves energy while offering optimal screen illumination and a long service life. Low-maintenance vibration mounts combined with the maintenance-free and energy-saving drive reduce downtime to the absolute minimum.

## **Ultimate styling.**

Unique styling underscores the perfection of Polaris and highlights it through its distinguished and at the same time ergonomic and functional form.

# Fast screen changes. Short downtimes.



Simple tensioning system for extremely efficient maintenance.



## Minimized maintenance.

Buhler plants and equipment are extremely rugged and reliable. Regular preventive and professional maintenance ensures a consistently high uptime of your production system.

## Polaris pit stop.

In order to ensure that its high-performance machines will always be in top condition and achieve maximum uptime in all situations, Buhler Customer Service offers tailored spare parts packages. Bühler's customized maintenance concepts and the vast experience of Bühler experts guarantees smoothly running production processes at any time.

## Wear and spare parts.

Top quality and fast deliveries ensure dependable long-term maintenance of your purifier.

## Screen changes.

Screen changes on the MQRG purifier can be carried out within a very short time, thanks to the simple clamping system design. This reduces machine downtimes and cuts costs.

## Machine serviced by specialists.

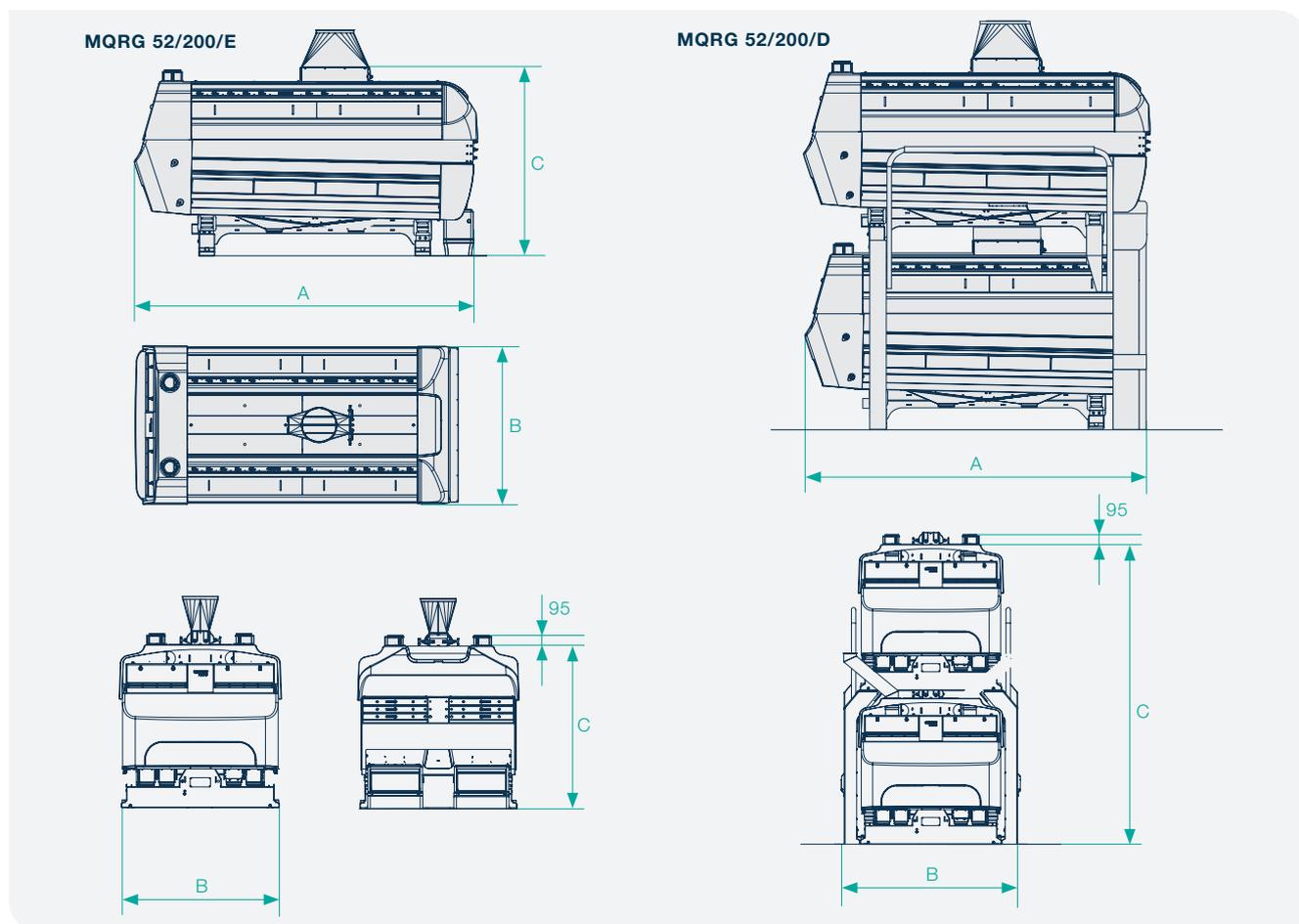
Buhler offers customized maintenance service packages ensuring that the performance of your machine will remain at a consistently high level.

# Universal application. Fits into any plant.

The technical data of purifier Polaris MQRG at a glance:

		MQRG 52/200/E	MQRG 52/200/D
<b>Dimensions</b>	mm		
<b>A</b>		2760	2760
<b>B</b>		1386	1725
<b>C</b>		1508	2998
<b>Approximative weights</b>	kg		
net		1050	2550
rail packing		1350	3300
sea packing		1550	4200
<b>Volume</b>	m <sup>3</sup>		
seaworthy packing		9 + 1.7*	9 + 9 + 10.3*

\* Accessories (machine frame, overs distribution box, connections)



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