



SuperPoly™ II
Rice Polisher
DRPP.

SuperPoly™ II

High capacity rice polishing for maximum brightness.

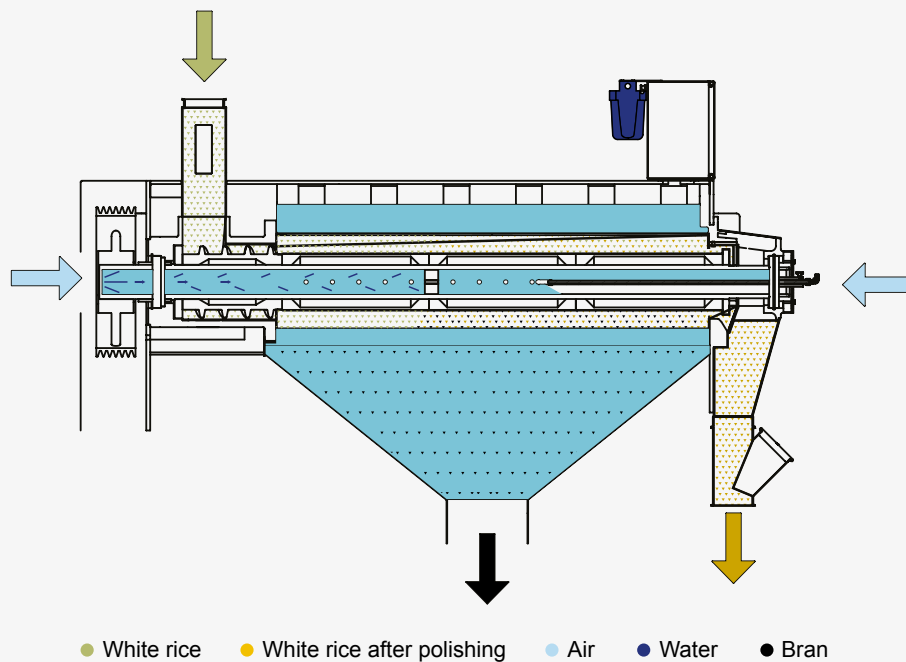


Application

Bühler's DRPP polisher is used during the most important section of the rice milling process to provide smooth and clean rice. The polished rice is shiny, smooth and free of bran. The flavour of the rice is maintained effectively and the shelf life of the final product is prolonged.

Bühler has a rich heritage in rice processing, which provides you with the innovation process know how and added productivity to continuously remain competitive.

- High capacity
- High brightness
- Lower breakage
- Less power consumption
- Long service life of spare parts



Principle

The SuperPoly™ II rice polisher is equipped with an extended polishing roll and a strong aspiration system. Rice is polished using gentle friction and uniform water injection. This process removes the bran on the surface of rice and ensures rice with a better appearance, quality and increased shelf life.

Function

The SuperPoly™ II DRPP polisher processes rice in two steps.

- Humidifier: rice is covered with an even and thin water film. The excellent water flow control ensures the consistency of processing
- Polishing with friction: the silky, shiny and smooth surface is achieved by a gentle friction between rice grains; the friction is adjustable. The cooling and aspiration system maintains the low temperature rise and the clean polishing chamber during processing.

SuperPoly™ II

• **Stable** • **Efficient** • **Durable**



Maintenance

- Fast change of screens
- Durable parts with long service life
- Easy-to-clean rotor

Water-dosing system

- Multi-point water addition system
- Simple water flow measuring control unit
- Stable and durable

User-friendly operation

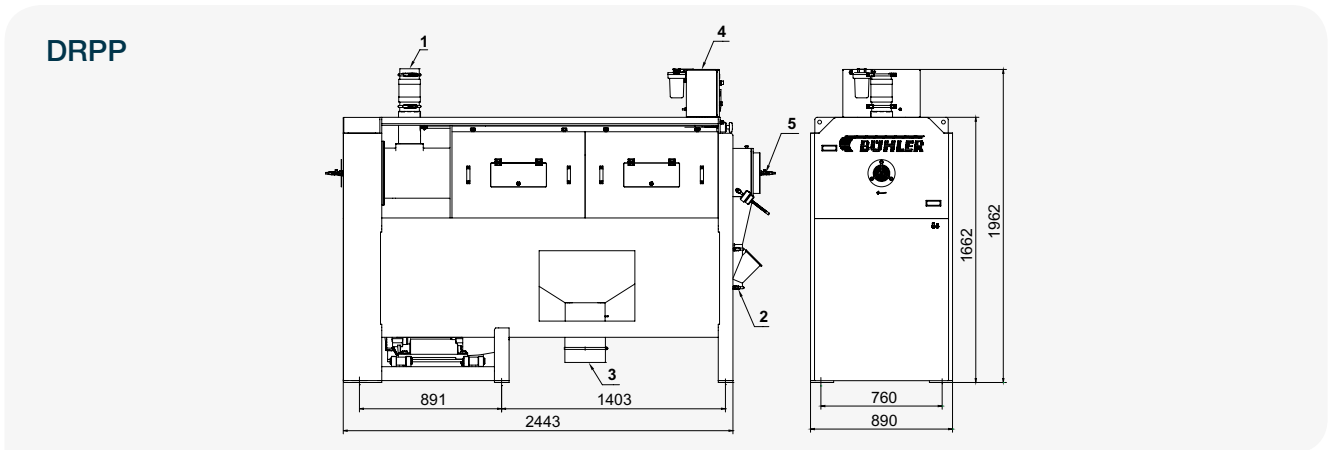
- Convenient side access to machine provides ease of maintenance
- Polishing pressure can be easily inspected
- Aspiration pressure and water flow rate instruments easy to read

Sanitation

- Overall design compliant with international food sanitation standards
- Efficient aspiration and thorough bran removal
- Maintenance spaces are open and convenient for cleaning and the replacement of parts

SuperPoly™ II

Technical data.



Dimensions, air and power requirements

DRPP

Capacity input t/h	6-7
Motor power kW	55-75
Main shaft Revolution rpm	580
Aspiration pressure mbar	20-30
Aspiration air volume m ³ /min	60-70
Water supply pressure bar	2-3
Compressed air bar	3.5-4.5
Weight (Kg) - Net weight	2555
Weight (Kg) - Gross weight (including package)	2750
Dimensions (L×W×H, mm) - Unpacked	2720×890×1977
Dimensions (L×W×H, mm) - Rail worthy packing	3000×1100×2250
Volume m ³ - Sea worthy packing	7.42

Remarks: ±10mm tolerance is acceptable by real calculation.
 Figures will vary based on machine specifications.
 *Figures will vary based on throughput and input contamination levels.

Customer Care

Customer Care is Bühler's worldwide service organisation that provides customer support through a variety of solutions including maintenance, spare parts and training courses. All designed to help ensure your optical sorter performs efficiently, delivering productivity and making a maximum return on investment.

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