

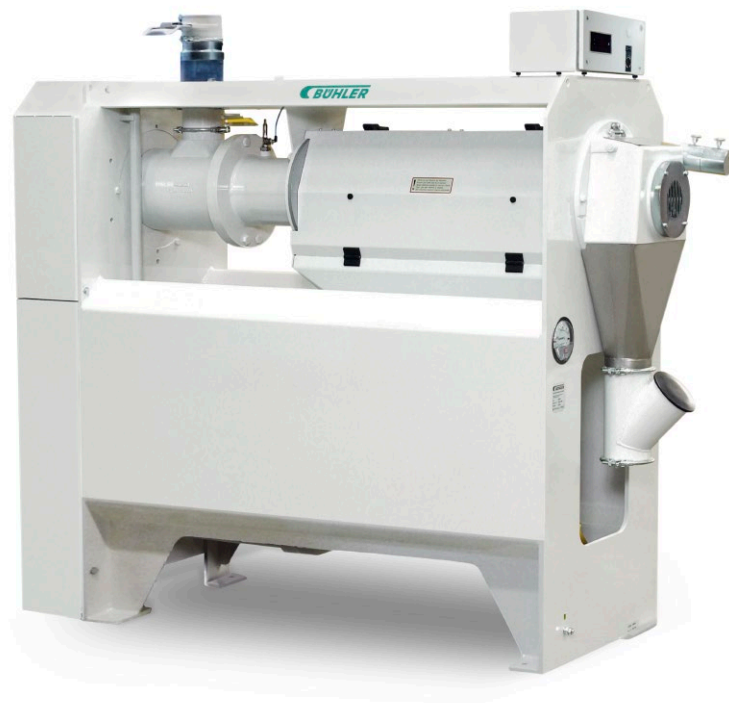
HighPoly™  
Polisher.  
DRPN.

Innovations for a better world.

**BÜHLER**

# HighPoly™

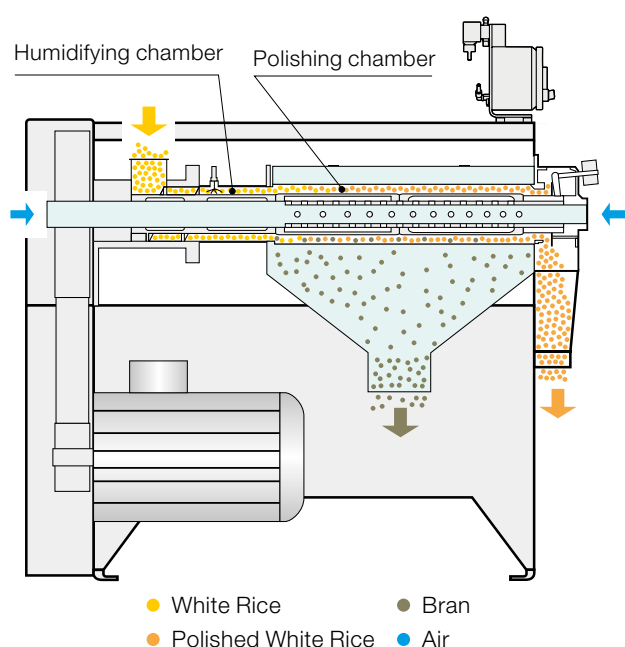
## For excellent rice surface and brightness.



### Application

The HighPoly™ polisher is used in the final stage of processing to produce rice with a smooth, dust free surface which flows freely like water through the fingers. Clear transparent packs which show the contents are an ideal way to pack the HighPoly™ processed rice which, with its high gloss and pearly lustre makes it a highly visible and attractive product on market shelves. If required, the machine can also be used for standard dry polishing.

- Excellent rice surface and brightness
- High head rice yield
- Low power consumption
- Long life of wear parts
- Easy to operate



## Function

The product falls into the inlet and is conveyed through the feed screw into the sieve basket. A uniform water film is applied to the product via the mixing tube using a nozzle. The product is gently rubbed against itself in the sieve basket by a rotating cam shaft, through which the surface is made shiny by polishing. The fully polished product leaves the machine through the outlet.

The aspiration system produces an air current, which is routed through the work area through the hollow shaft, which is open on both sides (from inside to outside). This cools the rice and the rice polishings are separated (by a sieve). Additional air enters through the adjustable slots in the doors.

## Water metering unit

A well-controlled flow rate of water and a uniform process are critical in order to achieve an excellent polish on the rice. The amount of water required is controlled by the water metering unit. Via a current transformer, the ammeter receives the present current consumption of the motor. The ammeter has 2 electronic switch points with which the operator can set the automatic start/stop of the water. The operator can adjust the water volume via the needle valve on the flow meter.

- Ammeter with digital display indicator
- Water addition up to 100 l/h

# HighPoly™

## Hygienic and trouble free operation.



### Maintenance

- Quick change of half shell screens
- Compact control unit gives good access to all control elements
- Easy access to rotors

### Accurate water-dosing system

- Precise flow control
- On / Off points
- Easy to read dials
- Water addition through Tube as standard while
- Option of water addition through shaft

### User-friendly operation

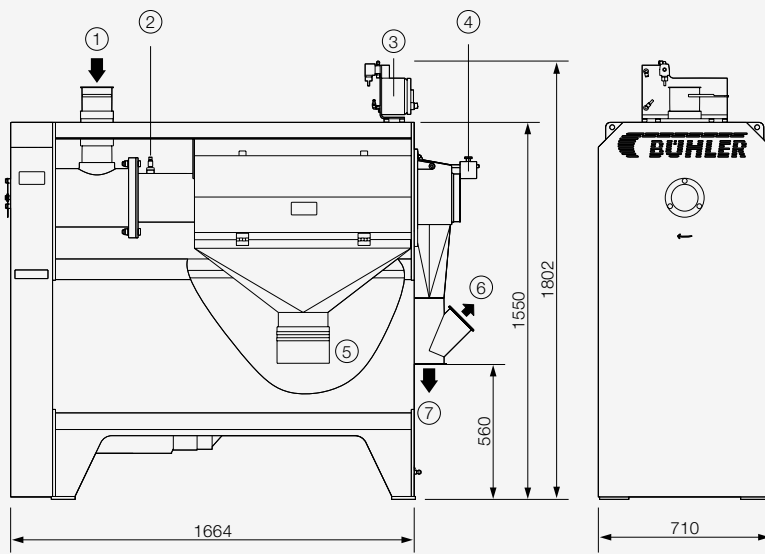
- Ergonomical controls located on the front
- Easy setting and checking of polishing pressure
- Easy setting of On / Off points

### Sanitation

- Easy access for cleaning
- Highly effective aspiration keeps the working chamber clean
- Wide opening doors allow easy access

# HighPoly™ Technical data.

DRPN



1. Inlet
2. Water jet
3. Switching box
4. Weight setting
5. Aspiration connection
6. Sampling
7. Outlet

All dimensions in mm

## Dimensions, air and power requirements

	DRPN
Capacity Kg/h	2500- 6000
Motor (kW)	37/45/55
Aspiration (m <sup>3</sup> /min)	35
Approx. weight kg - Unpacked	1100
Approx. weight kg - Rail worthy packing	1200
Approx. weight kg - Sea worthy packing	1350
Volume m <sup>3</sup> - Sea worthy packing	4.1

\*Depending on the type of product and finished product quality  
\*\*Capacity as white rice input

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