



## SmartPoly™ Rice Polisher. DRPR

### SmartPoly™ Rice Polisher - DRPR.

Presentation is the key to success in any white rice market, as rice is sold on how it looks and feels. This means rice millers need polishers that help them achieve an end product with a highly attractive look and finish.

The SmartPoly™ DRPR delivers uniform white rice that has excellent appearance and texture with a minimised incidence of broken grains thus giving increased whole rice yield. The high gloss silky finish lends a highly attractive look to the product on market shelves. Backed by Bühler's top-notch services and support, the SmartPoly™ DRPR guarantees high efficiency in operation.



#### Key Benefits

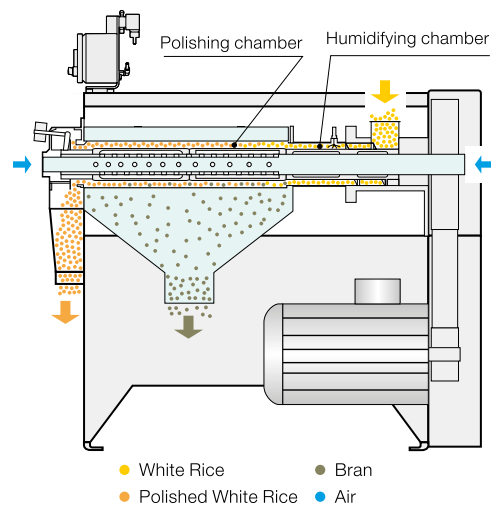
- Attractive surface finish from matt to high silky
- Dust free rice for transparent packaging
- High head rice yield
- Sanitised processing
- Economic power consumption
- Easy operation and maintenance

# New SmartPoly™ DRPR polisher delivers ultimate white rice look and finish.

## Function - Polishing

Whitened rice falls through the inlet and is conveyed by the feed screw into the sieve basket. A uniform water film is applied to the product via the mixing tube using a nozzle. The rice grains are gently rubbed against each other in the sieve basket by a rotating cam shaft. This process enables a smooth shiny finish in the rice grains. The fully polished, dust free product, is collected through the outlet.

The aspiration system produces an air current, in the polishing chamber through the hollow shaft, which is open on both sides and keeps the rice cool. Separation of rice from the bran, is achieved in the sieve basket and the bran is collected as a by-product. Additional air supply is achieved through the adjustable slots in the doors.



The important design characteristics of SmartPoly™ DRPR polisher are efficient aspiration, ease of operation and improved control on operating parameters.

## SmartPoly™ DRPR polisher includes

- Rigid steel frame with in-built drive, designed for highest sanitation
- Polisher with tube injection system, designed for polishing rice to best gloss.
- Water metering unit with electrical control box for easy operation
- Space saving design with motor integrated in machine housing



## Technical Specification

	Capacity* (kg/h)	Motor (KW)	Aspiration (m3/min)	Approx.Weight (KG)	Volume (m3)	Dimension (L X B X H) in mm
DRPR**	4000	37/45	35	820	4	1950 X 720 X 1750

\*\*Standard Machine supply is without motor. The machine can also be supplied with motor installed.  
\*Capacity as Paddy input basis.