



SmartWhite™ Rice Whitener - DRWD

Brown rice, or 'Cargo Rice' as it is often known is rice that hasn't undergone the whitening process. It is only after the outer layers of the brown rice have been removed that the seed then becomes white rice; the staple food recognised by most consumers.

Bearing in mind that the product quality and value depends on the whiteness of the rice and the lowest possible proportion of broken, a high quality whitening machine is crucial to the economic success of a rice mill. Usually there is always a trade-off between whitening degree and breakage, but with a Bühler SmartWhite™ there's no compromise - it produces the highest whiteness with the lowest breakage.



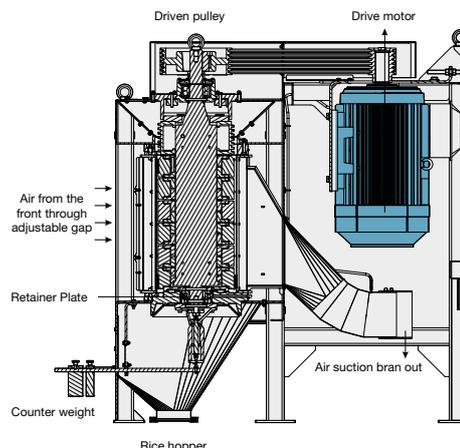
Key Benefits

- High yield whitening
- Minimum on broken
- Gentle and even abrasion
- Long cleaning intervals
- Easy operation and maintenance

New SmartWhite™ DRWD Whitener delivers Superior Whitening performance.

Working Principle

The fundamental components of the whitener are the grinding rotor, the screens and the processing chamber. The grinding rotor consists of silicium carbide rings set one above the other, with spaces between them are supported by three ribs on the shaft. The ribs create free space for a central air flow between the shaft and the stone rings. This free space is open at both top and bottom, allowing sucked air to come in from both ends and pass through the gaps between the stone rings. Rice is fed from the top of the machine via a feed-screw and flows directly into the processing chamber. The degree to which the chamber is filled is controlled by a retainer plate at the bottom. Weights are used to adjust the back pressure of the retainer plate.



Superior performance

Designed for delivering unparalleled performance, SmartWhite™ delivers highest whiteness with the lowest breakage.

High reliability and low maintenance

SmartWhite™ is designed and built to last. For example, the reversible feed screw design doubles the working life of feed screw.

Easy to operate design

SmartWhite™ is designed for ease of use, with features such as easy sieve frame adjustment mechanism and simple to use controls.



Technical Specification

	Capacity* (kg/h)	Motor (KW)	Aspiration (m3/min)	Approx.Weight (KG)	Volume (m3)	Dimension (L X B X H) in mm
DRWD**	4000	30/37	35	850	4	1850 X 820 X 1720

**Standard Machine supply is without motor. The machine can also be supplied with motor installed.

*Capacity as Paddy input basis.

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