

Give your rice milling process a head start.
**SuperHusk and
TopHusk Rubber-
roller Huller and
Hull Separator.**



The bridge to tomorrow.

The new benchmark in manual paddy hulling - Manual TopHusk.

Designed to be powerful and reliable - TopHusk, the compact rubber-roller huller and hull separator from Bühler is a perfect fit in your modern rice mill.

TopHusk is well equipped to give your milling process a head start. The TopHusk hulls mill cleaned paddy with highest care and efficiency. Experience a host of benefits with our manual rubber-roller rice huller. Achieve a high head rice yield and increased capacity without the need for an additional aspirator. Enjoy the convenience of low maintenance and effortless operation. Elevate your rice processing with ease.



Scale your business with confidence

- Built for growing rice mills with stable, reliable performance even under increasing production demands
- Robust construction ensures long-term durability and consistent output
- 2.5–5 TPH processing capacity supports efficient, continuous operations
- Ideal choice for mills seeking dependable scaling without compromising quality

Reliable performance with simplified maintenance

- Improved process efficiency contributing directly to higher operational savings
- Durable, long-life components maintain performance stability over time with fewer replacements needed
- Quick-swap parts and simplified access enable faster maintenance and shorter stoppages
- Predictable, low-downtime operation helps mills run longer hours with better overall productivity

Compact, sturdy and streamline design

- Motor position at the center of the swivel arm
- Longer chute length to improve the feeding
- Even product distribution across feeding chute
- Easy to adjust feeding position mechanism
- Equipped with hull separator unit with closed circuit airflow

Ease of use - Operating made easy

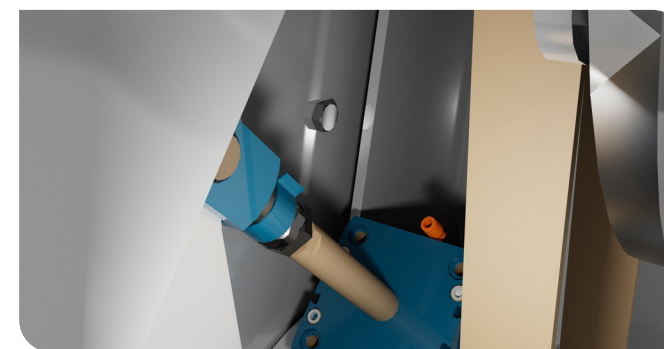
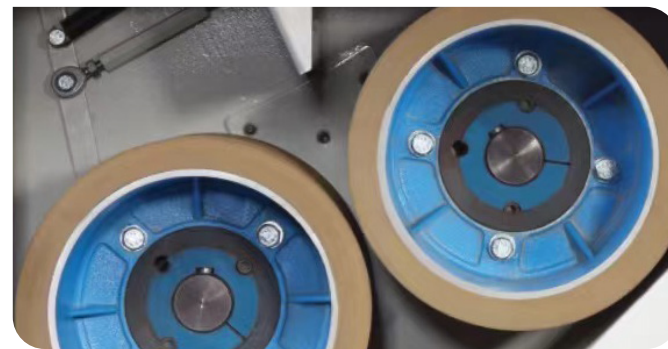
- User-friendly touch control with recipe management, intelligent alarms, and multi-tier access for secure, easy operation
- Smooth, uniform feeding ensures consistent hulling performance while reducing raw-material waste
- Service-friendly design with long-life, easy-to-replace components minimizes downtime and speeds up maintenance.
- Optional button control with line display

Automatic. Accurate. Economic.

For seamless performance at highest capacities - Automatic SuperHusk.

The automatic SuperHusk rubber roller huller: Unleashing the benefits of the manual version and beyond - take your hulling experience to new heights.

With the automatic SuperHusk, the automatic switchover of fast and slow rollers allows for accurate and independent adjustment of the linear speed of the two rubber rollers. This helps to ensure stable linear speed difference and inter-roller pressure, guaranteeing smooth and efficient hulling.



Dual drive system for maximum energy savings

- Two interconnected VFD-controlled motors – the faster roller drives the system, while the slower acts as a break for power regeneration
- The regenerated energy is brought back into the energy circle for reuse
- Two individual motors means advanced optimization potential thanks to high precision and flexible speed settings
- Consistent operating current and line speed, with energy savings of up to 10%

Automatic speed changeover for reduced rubber consumption

- Timed automatic switchover of fast and slow rollers reduces rubber consumption
- Time-based automatic switchover of rubber roller can be easily adjusted and customized in the control panel
- Linear speed is compensated when rubber roller abrasion is detected, ensuring a constant linear speed difference and stable hulling
- Reductions in rubber consumption of up to 40%, in addition to lower energy use

The best hulling performance with minimum broken

- Advanced automatic hulling pressure control thanks to high-precision measurement of roller diameter
- High hulling capacity without increasing the broken rate
- When rubber roller abrasion is detected, the sensor-based gap measurement aids in readjusting both the gap and linear speed
- Even roller abrasion and temperatures, with consistent hulling quality
- Consistent gap even when changing paddy varieties is achieved due to recipe management, allowing different parameter settings depending on the processed paddy

Intuitive smart control unit

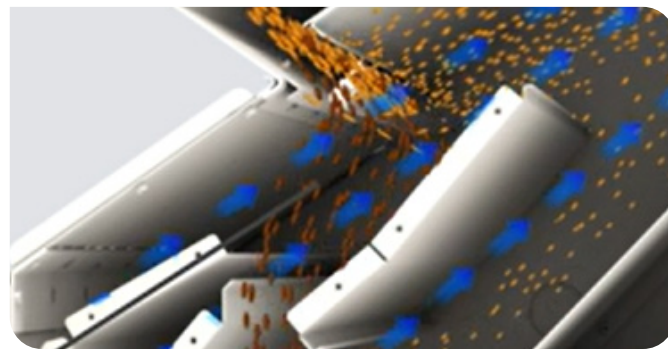
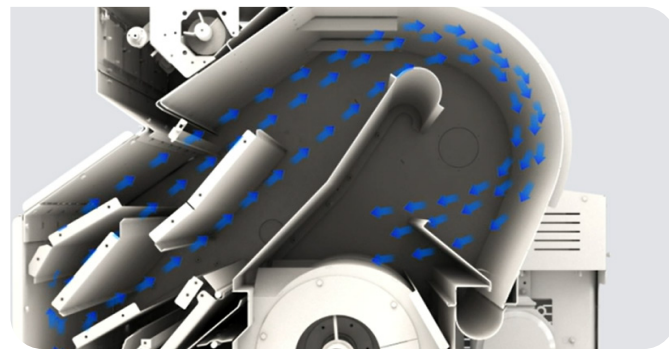
- Industrial-grade touch panel showing running status with advanced recipe management system
- Fully automatic operation mode, alarm and error overview, and intuitive user interface for fine adjustments
- High flexibility in optimizing and customizing hulling operation, and easy adjustment of hulling degree

Sleek. Streamlined. Simple.

For maximum accuracy, with minimum dust and maintenance.

This design of the machine eliminates the need for a third fraction, and guarantees highly accurate husk separation. The process can be easily inspected through the large sight windows and accurately adjusted with the ergonomic levers.

The generously sized husk separator works with the optimized flow of grains in a closed air circuit to accurately separate the husk from the brown rice, generating two clean fractions.



Economical and dust-free

- Fully-enclosed hulling structure to eliminate dust leakage
- Built-in low-power motor to reduce power consumption
- Built-in 4kw fan for self-circulating hulling
- Hygienic design

Targeted separation, consistent quality

- Dual separation zones reduce material layer thickness, enhancing capacity and precision
- Consistent rice processing quality with targeted separation
- Ratio of rice husk to the mixture is below 0.5%, with less than 0.02% of unhulled rice in the husk
- Ensures uniform material separation for optimal separation effect

Easy adjustment, low maintenance

- Visual adjustments, with no need for shut-down
- Product distribution can be observed at any time during production and adjusted without opening the access door
- Low maintenance requirements and ease of operation and inspection

Huller and Hull Seperator – The perfect power duo.

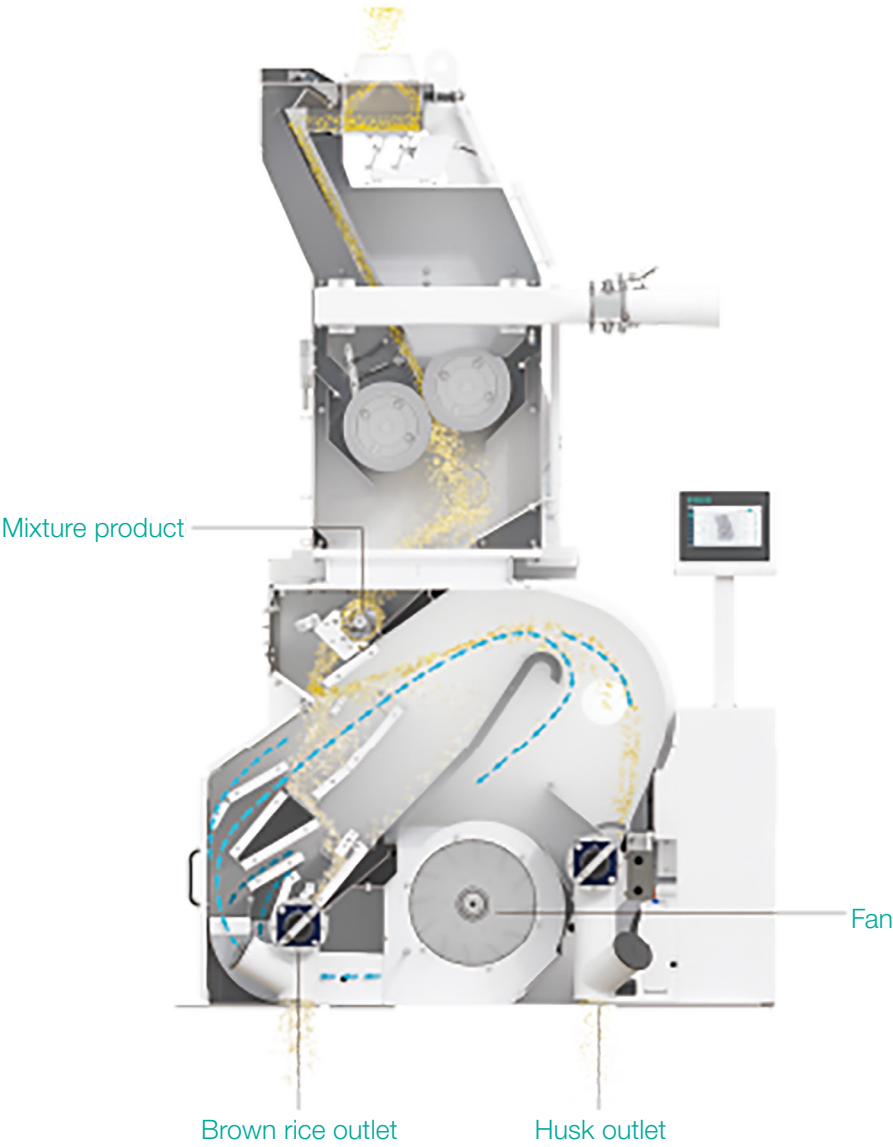
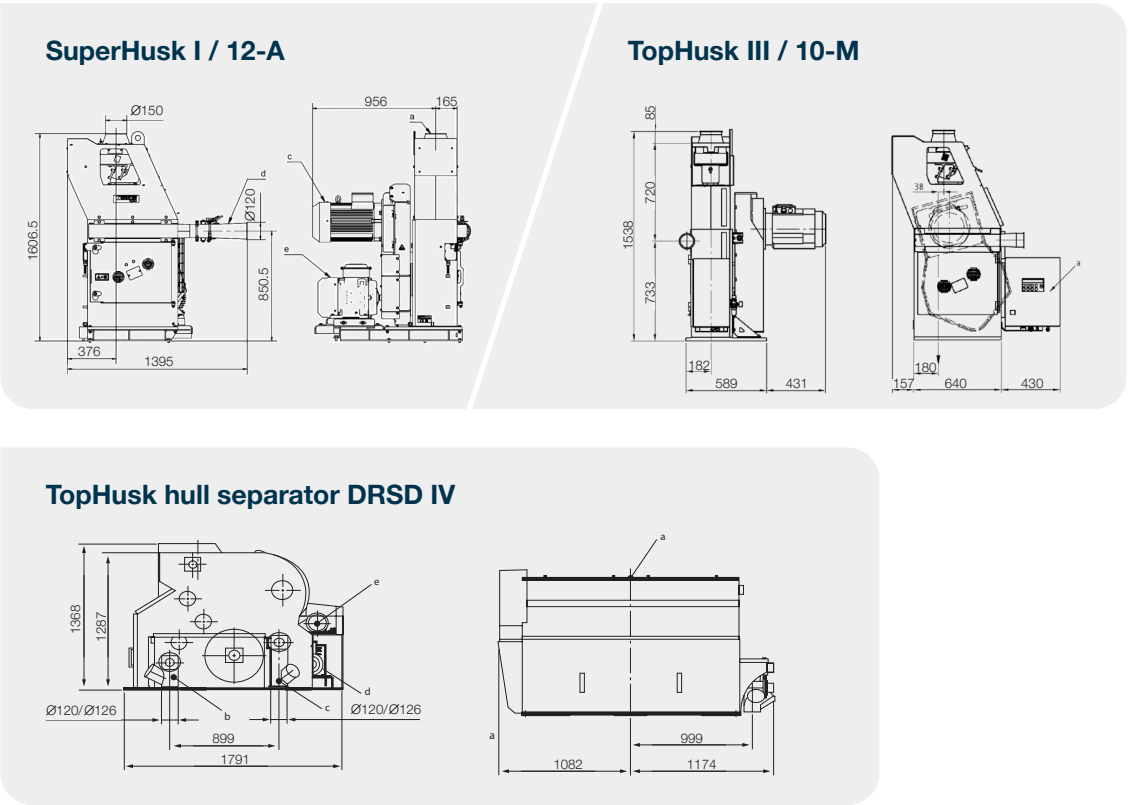
Technical data.

Hulling is the process of removing husk from paddy, achieved through the gentle action of rubber rolls. The husk aspirator separates the husk from the rice using air aspiration. The SuperHusk and TopHusk rubber roller huller boasts a strong, reliable, and compact design, making it an ideal match for modern rice mills. Paired with the efficient and hygienic husk separator, this package offers an intelligent solution for maintaining consistent product quality with minimal breakage.

Paddy enters from the feed inlet to the vibrating feeder through a buffer unit, with adjustable vibration frequency to accurately control the feeding capacity. As the product flows to the hulling area, the surrounding air aspiration system cools the rubber rollers while the husk separator ensures absolute precision. The product is efficiently separated into two parts – the mixture of paddy and brown rice, and husk – while dust is prevented from escaping into the surrounding areas.

Product model	Capacity*	Power	Aspiration air volume	Approx. weight			Volume
	t/h	kW	m³/min	Unpacked	Packing size provided	Packed for sea transport	m³ Packed for sea transport
SuperHusk I / 12-A	3-7.5	2x15	10	860	1040	1140	5
TopHusk III / 10-M	2.5-5	7.5	7.5	650	720	790	3
TopHusk DRSD IV	3-7.5	4.0/0.75	-	1100	1436	1536	7

*Dependent on the quality of unprocessed grain; capacity with paddy as input.



Automatic SuperHusk with TopHusk hull separator



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