



Experience the unparalleled convenience with instant access to the HMI [Human-Machine Interface] from your device, anytime and anywhere!



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FUTURE OF GRAIN PROCESSING TECHNOLOGY

BLEND & PACK I-12



The **World's Best**
 Paddy & Rice Process Specialists

BOND OF
 BLEND WITH
 PACKED POWER!



Scan for video

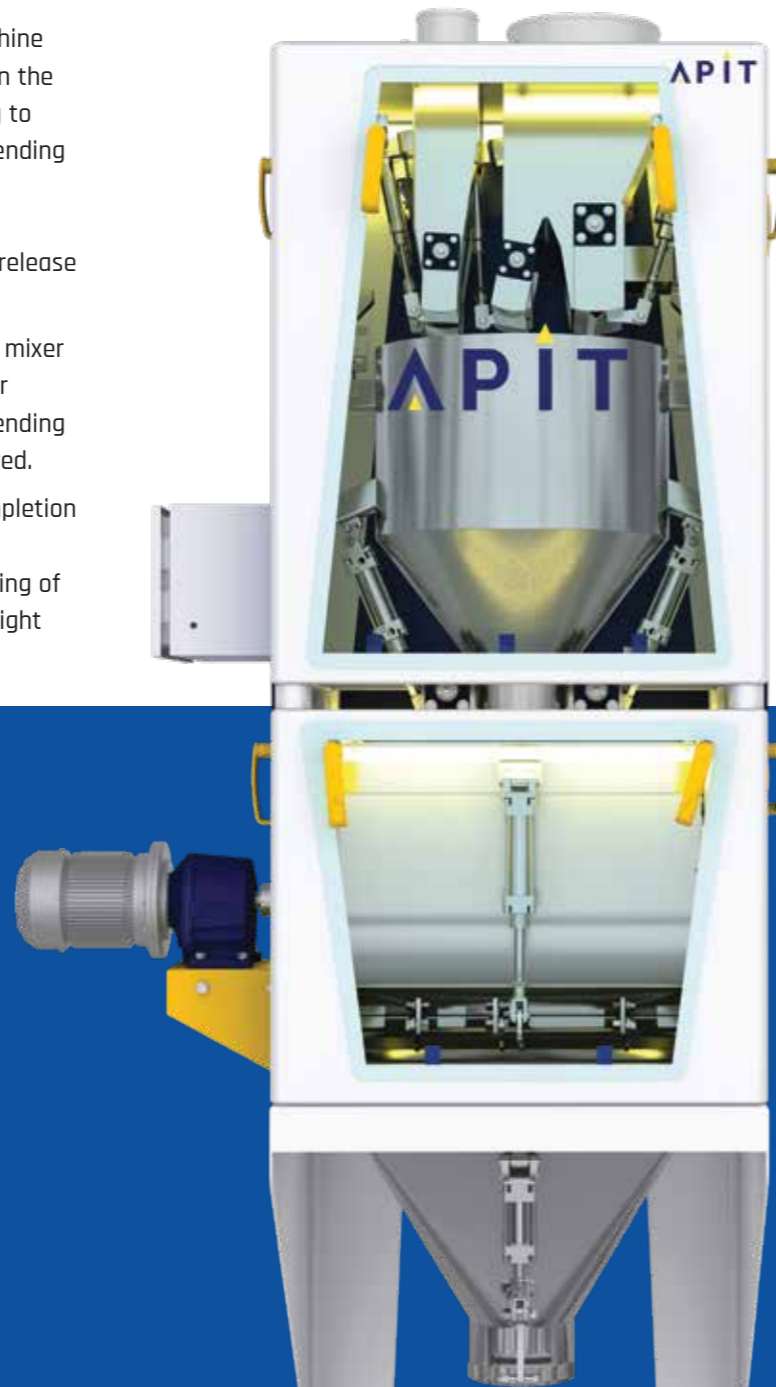
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Product Application

APIT's BLEND & PACK I-12 has been refined to deliver exceptional precision in blending FRK or broken rice, ensuring that the desired blending percentage is achieved with accuracy. Additionally, the seamlessly integrated bagging attachment allows for automatic packaging of the product at specified weights, eliminating the need for manual intervention and enhancing operational efficiency.

How it Works

- 1. Integrated Dual Functionality:** The machine's combined blending and packing features facilitate straightforward operation while maintaining a compact design.
- 2. Automated Control System:** The machine precisely measures the product within the weighing bin, automatically adjusting to the specified baggage weight and blending ratio for optimal accuracy. Once the predetermined value is attained, the weighing bin automatically opens to release the product into the mixer bin.
- 3. Homogeneous Mixing Process:** In the mixer bin, where our advanced paddle mixer guarantees thorough and uniform blending until complete homogeneity is achieved.
- 4. Precision Bagging:** Following the completion of the mixing process, the bagging attachment enables accurate packaging of the product to meet the specified weight requirements.



Special Features

- ✓ **Enhanced with Advanced Product and Process Automation:** APIT's smart BLEND & PACK I-12 delivers exceptional accuracy and precision, features an intuitive user interface, accommodates a wide variety of grains, and is capable of generating recipes autonomously.
- ✓ **Exceptional Efficiency and Cost-effectiveness:** By consolidating blending and bagging operations into a single station, the system significantly reduces the space, and need for multiple elevators, and packing machines, thus optimizing overall operational efficiency.
- ✓ **Effortless Operation:** The calibration process is simplified, utilizing a color touch screen HMI that enables users to achieve the desired output with just a single touch.
- ✓ **Guaranteed Quality Assurance:** Each product comes with a calibration certificate from NABL-approved laboratories, and the machine is certified in accordance with BIS IS17854 standards, ensuring the highest quality and reliability.



Technical Specifications

	Weight (Kg)	Bags / Min	TPH	Accuracy
Capacity on Rice with 1% mixing	25	4 max	6	±18 gm
	50	4 max	12	±18 gm
Capacity on Rice for bagging	5	7 max	2.1	±10 gm
	10	6 max	3.6	±10 gm
	25	5 max	7.5	±18 gm
	50	4 max	12	±18 gm
Voltage in V Frequency	415 / 50 Hz			
Air Pressure required in Bar	5 to 6			
Air Consumption	2.5 m ³ / Hr			
Weight	525 Kg (approx.)			
Overall Size (L x W x H)	785 x 1260 x 3700 mm			

Note: Standard Mixing cycle time recommended is 15 sec.
Capacity and performance of the machine will vary based on the density & contaminations of the product.
All the above measurement is done with rice of the density 750 kg/m³.