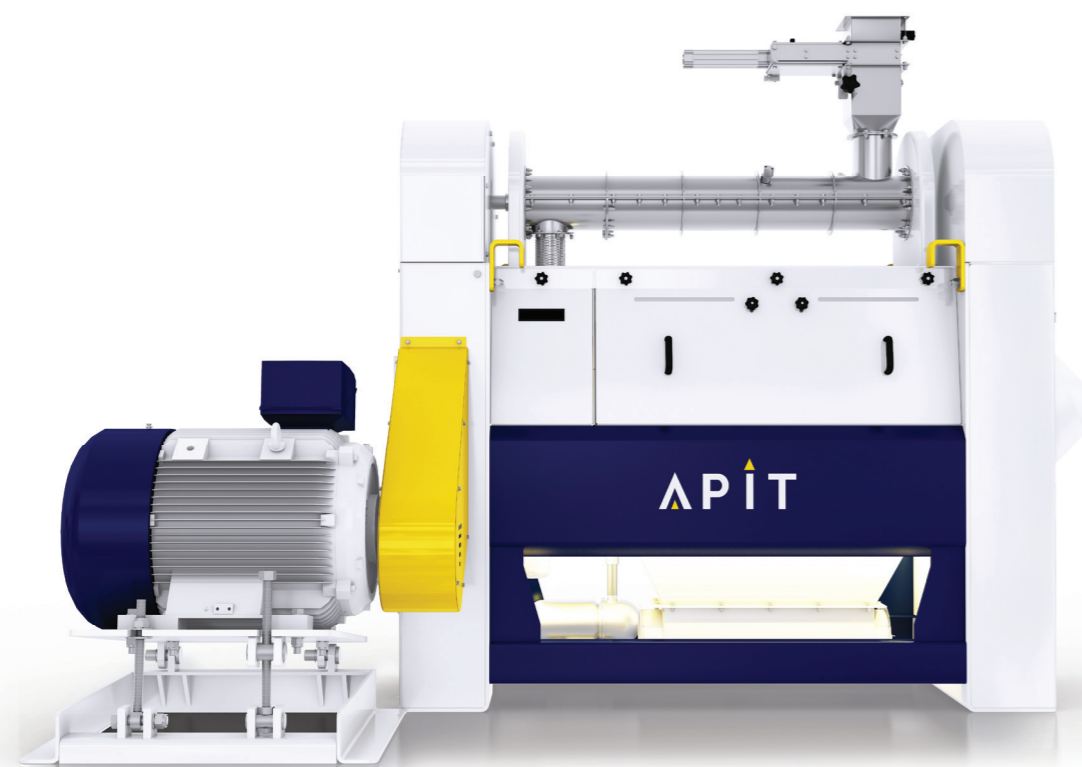


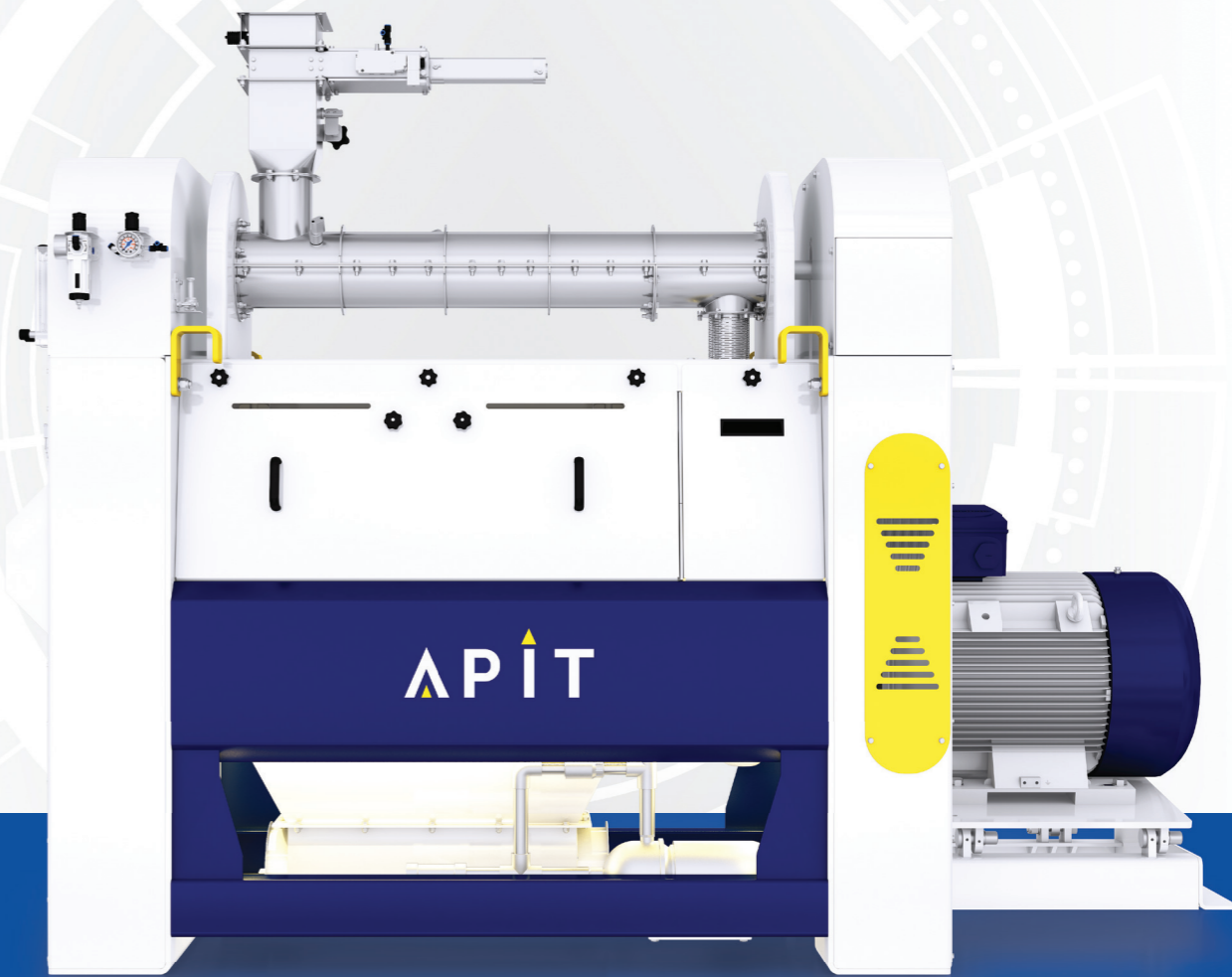


Experience the unparalleled convenience with instant access to the HMI [Human-Machine Interface] from your device, anytime and anywhere!



www.apit.co

GEL BRIGHT I-5



Product Application

The APIT's **GEL BRIGHT I-5** is expertly crafted to remove the delicate layer of bran residue from rice grains, transforming their appearance for a cleaner, more polished look. This innovative machine delivers rice with a stunning glossy finish, brilliant white color, and silky smooth texture. Equipped with fully automated features, the **GEL BRIGHT I-5** eliminates the need for manual intervention, while its advanced recipe generation capabilities make it the most cutting-edge rice polisher on the market.

How it Works

- Automated Input & Output Control:** The flow rate of rice into the **GEL BRIGHT I-5** is meticulously controlled according to a pre-programmed recipe, ensuring precise processing of the desired tonnage in a sequential manner.
- Water Jet Polishing:** The machine enhances the rice surface by spraying a fine mist of water through the mixing chamber, generating friction between the rice grains. This mist not only polishes the rice but also helps lower the temperature during the polishing process, ensuring optimal results.
- Rice-to-Rice Abrasion:** After being misted with water, the rice grains pass through the milling cam rollers, where abrasion occurs as the grains rub against each other, further enhancing the polishing process.
- Glossy and Silky Finish:** The combination of a fine mist spray of water and rice-to-rice abrasion, guided by intelligent, recipe-based programming, ensures that the final rice delivers a glossy, silky appearance with minimal breakage.

GEL BRIGHT I-5



Special Features

- ✓ **Recipe-Driven Operation:** Achieve your desired results effortlessly by simply selecting the rice variety and its specific process. Additionally, the machine offers the flexibility to create and customize your own recipes for even greater control.
- ✓ **Superior Automation:** The **GEL BRIGHT I-5** is equipped with advanced product and process automation, taking full control of key parameters such as temperature, aspiration, glossiness level, and rice flow, ensuring precise and consistent results throughout the process.
- ✓ **Zero Process Loss:** The **GEL BRIGHT I-5** operates on the principle of rice-to-rice abrasion, combined with a controlled water mist spray, ensuring maximum yield with negligible or zero process loss.
- ✓ **User-Friendly Operation:** The machine is equipped with an intuitive HMI, offering simple operation, easy recipe generation, and integrated product and process automation, all designed to enhance ease of use and streamline operations.



Technical Specifications

Machine Code	APOA
Machine Capacity on Medium Paddy	5 TPH
Power Requirement	60 HP (45 Kw), 1000 RPM
Aspiration	3000 CMH, 150 mm WC
Machine Weight	1000 Kg (approx.)
Overall Dimensions (L x W x H)	1800 x 1450 x 2100 mm

Note: Capacity may vary depending on product moisture and amount of waste material.