

Tower Grain Dryer

This tower grain dryer utilizes a three-layer drying structure with 304 stainless steel construction for optimal air penetration and uniform drying. It features a high-volume mixed-flow fan for enhanced efficiency and quiet operation, along with an automatic moisture control system.



ADDITIONAL IMAGES



Overview

Tower Grain Dryer (5HDH-15)

This high-capacity tower grain dryer is designed for efficient post-harvest processing in medium to large-scale agricultural operations. It utilizes a batch circulation drying method to ensure uniform moisture reduction across the entire grain volume. The system is built for reliability, featuring comprehensive safety mechanisms and robust construction to support consistent performance.

Performance Metrics

Hourly Processing Capacity

900 kg/h

Rice Processing

8 t-%/h

Drying Capacity

Batch Capacity

15 t

Physical Dimensions

Physical Specs

Attribute	Value
Weight	3850 kg
Overall Dimensions (LxWxH)	3830x2360x11675 mm
Tempering Layer Dimensions	1800x2000x545 mm (11 layers)

Operation & Heating

Heating & Fuel

- Heating Method: Indirect
- Primary Fuel: Coal
- Fuel Consumption: 30–40 kg/h
- Ignition: Manual

Total Motor Power

10.7 kW

Safety Features

Integrated Safety Systems

Automatic Alarm (Fault/Overheat), Auto-Shutdown, Temperature Control, Electrical Overload Protection, Leakage Protection, Fire Extinguisher

Optional Configurations

Available Upgrades

Upgrade	Additional Cost
200,000 kcal Oil Burner	3,500
200,000 kcal Gas Burner	7,500
800,000 kcal Biomass Furnace (Auto-feed)	100,000