

# 1 Eliminate wasted energy

**Resource  
consumption cut**

## Installing To The HD2 Hopper Dryer

Productivity UP

Added Value UP

Dryers generate heat that is normally exhausted into the plant. This energy waste can double if the plant is air conditioned. Reduce electricity costs up to **33%+α** through recirculation of dryer exhaust heat!

## Exhaust Heat Re-Circulation Unit (For HD2)

### Overview

The exhaust heat is recovered from the hopper dryer, and reuses the exhaust heat. This option can be installed by customers at their facility on existing HD2 units.



		Standard with filter	With exhaust Heat Re-Circulation Unit
Heatup time		11m10s	4m30s
Power Consumption (kWh)	1h after	1.8	1.6
	7h after	7.7	5.6
	8h after	12.3	8.5
During continuous operation 1h Average (kWh)		1.5	1
energy-saving rate		Approx. 33 %	

### Features

- Air-conditioner load can be reduce by lowering exhaust temperature.
  - Energy savings are realized by this simple installation.
  - Filters are easily replaced on the unit.
  - The hopper lid may be remove with one touch.  
(Checking and Cleaning are simple!)
- \*Contact your Matsui Dealer to confirm availability.

