

# Plastic Dehumidifying, Drying, and Loading Machine

This machine integrates dehumidification, drying, and feeding functions into one unit. It is designed for processing engineering plastics with strong moisture absorption, achieving a low dew point.



## Overview

### Integrated Material Processing

This machine combines dehumidification, drying, and loading functions into a single, space-efficient unit. Designed for high-performance engineering plastics like PA, PC, PBT, PET, and ABS, it achieves dew points below  $-40^{\circ}\text{C}$  for optimal material quality. Its streamlined structure ensures ease of maintenance and reliable operation in demanding industrial environments.

### Compatible Materials

PA, PC, PBT, PET, ABS

## Technical Specifications

### Model Specifications

Model	Hopper Cap. (L)	Air Cap. (m <sup>3</sup> /hr)	Heater (kW)
HDL-80U-50F	80	50	4
HDL-120U-80F	120	80	6
HDL-180U-120F	180	120	8
HDL-300U-200F	320	200	10.5
HDL-450U-300F	460	300	15
HDL-600U-400F	660	400	18
HDL-900U-600F	900	600	25
HDL-1200U-800F	1200	800	25
HDL-1500U-1000F	1500	1000	32

## Key Features

### System Highlights

- Integrated dehumidification, drying, and feeding functions
- Dew point performance reaching below  $-40^{\circ}\text{C}$
- Closed-loop drying system prevents moisture regain
- Automated material transfer reduces labor costs
- Modular design for simplified maintenance