

# PLASTICOLOR

## DRYING SYSTEMS

**HOT AIR  
SYSTEM IHT**

**DESICCANT DRYING  
SYSTEM IDT**

**WOYWOD**



## DRYING SYSTEMS

The effective drying of plastic materials down to the optimum residual moisture is of great importance for the production of high quality products. We offer desiccant and/or hot air drying systems for all free flowing plastic materials and in various capacity ranges.

Our range of products includes mobile compact dryers up to central drying systems as well as crystallization systems for handling of PET materials.

All drying hopper lids are prepared for the mounting of PLASTI-COLOR hopper loaders. All drying hoppers are completely insulated and provided with sight glasses. Larger hoppers are provided with a cleaning door to ensure optimum access.



## HOT AIR SYSTEM IHT

IHT series dryers make use of environmental air. Hence, the drying result depends on the environmental conditions (relative air humidity and temperature). Hot air systems are mainly used for pre-heating or drying non-hygroscopic materials.

- a wide selection of possible combinations
- exact heat regulation
- high energy savings (up to 40%)
- reverse-blowing air filter
- proven modular design
- easy handling
- extremely low noise level



## DESICCANT DRYING SYSTEM IDT

Desiccant-type systems work according to the absorption principle, i. e. closed-loop heating and dehumidification by a chamber containing drying agent. Consequently, the drying result does not depend on the environmental atmospheric conditions. This ensures optimum dew points and a low energy consumption.

- a wide selection of possible combinations
- desiccant-type drying systems with 2 drying agent chambers (molecular sieves)
- high energy savings (up to 40%)
- an extremely linear dew point (down to  $-50^{\circ}\text{C}$ )
- fully automatic operation
- compressed air monitoring
- proven modular design
- operation without compressed air (according to type)
- operation without cooling water (according to type)
- easy handling
- closed-loop drying and regeneration system high-temperature design available as an option.





Woywod production site in Seefeld



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