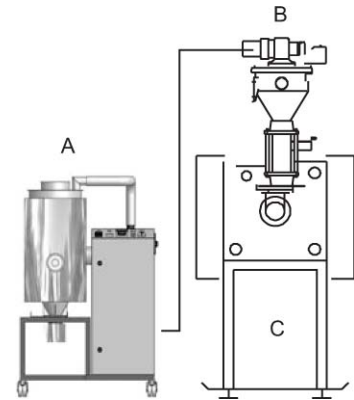


Typical application of a dry air drying system.

- A Drying System
- B Single Conveying System
- C Processing Machine

Components A and B are described below.



Brief Description

Application

Mobile drying system for the drying of thermoplastic granules and regrind, independent of climate or ambient air conditions, before processing to remove all remaining moisture from the granules both inside and out

- Colortronic drying systems are designed for continuous, 24 hour operation.
- Colortronic drying systems meet all CE requirements

Rugged, modular construction

Colortronic dry air dryers operate on the principle of absorption. Under this principle, the air is not heated, rather the moisture is absorbed and removed from inside the drying hopper. Through this technology plastic granules can be dried to extremely low residual moisture levels. Colortronic Dry-Flex S 40 Mobile dry air dryers have 2 drying cells which continuously maintain a dew point level of up to -76° F (-60° C). Because our air flow is constant, we maintain zero temperature change during the drying process.

Colortronic dry air dryers are virtually maintenance free. Only the air filters require routine cleaning or change out.



Technical Information

Basic Version

- Dryer
 - 2 drying cells for continuous operation
 - Integrated hopper heating
 - Safety temperature limiter for all heaters
 - Maintenance free air valves
- Drying hopper 1.06 cu. ft. (30 liters)
 - Made of Stainless Steel
 - Hinged lid
- Mobile Frame

Optional Equipment

- Drying hopper with 1.7 cu. ft. (50 liter) capacity instead of 1.06 cu. ft. (30 liter)
- Drying hopper with 2.65 cu. ft. (75 liter) capacity instead of 1.06 cu. ft. (30 liter)
- Dew point display
- Timer clock
- Single conveying system CSV 05 incl. 16.4 feet (5 meter) PUR hose
- Suction box for drying hopper

Performance

- Max. 1 drying hopper
- Air drying capacity 24 cfm (40 m³/h)
- Operating voltage 230 V +/-10%, AC, 50/60 Hz
- Connected load 1.3 kw +max. 1.5 kw hopper heating
- Average dewpoint temperature of -76° F (-60° C)

