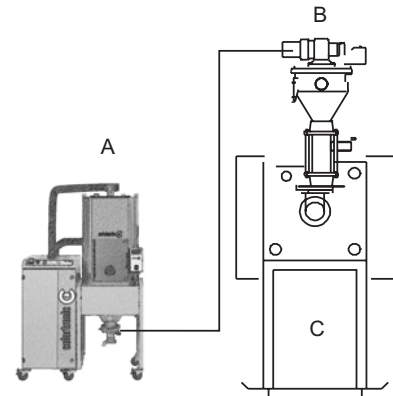


Typical application of a dry air drying system.

A Drying System  
B Single Conveying System  
C Processing Machine

Component A is 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 it inside the drying hopper. Through this technology plastic granules can be dried to extremely low residual moisture levels. Colortronic Dry-Flex S 50/80 dry air dryers have 2 drying cells which continuously maintain a dew point level of up to  $-40^{\circ}\text{C}$ . 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 required routine cleaning or change out.



**Technical Information**

**Basic Version**

- Dryer
  - 1 or 2 drying hoppers are possible
  - 2 drying cells for continuous operation
  - Maintenance free air valves
- Drying hopper
  - integrated heating
  - Safety temperature limiter for all heaters
  - made of stainless steel
  - hinged lid
  - slide valve
- Mobile frame

**Performance**

- Air drying capacity max. 40/80 m<sup>3</sup>/hr
- 1 to 3 drying hoppers are possible
- Operating voltage 400 V, 3/N/PE, 50 Hz
- Connected load 1.9/2.4 kw
  - +max. 4.5/5 kw hopper heating
- Dewpoint temperature down to -40° C

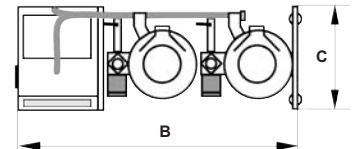
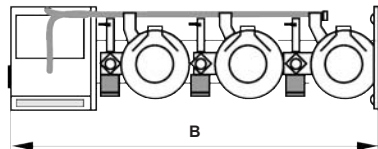
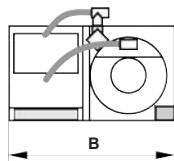
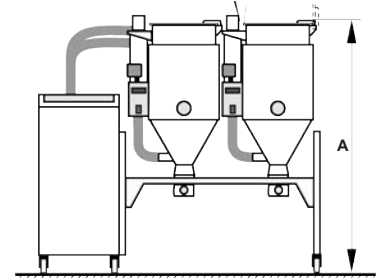
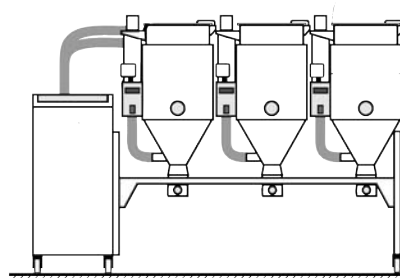
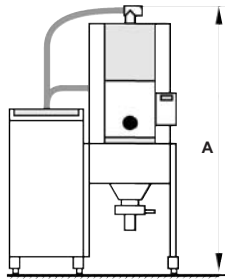
**Optional Equipment**

- Drying hopper TT15, 15 liters (Dry-Flex S 50 only)
- Drying hopper TT30, 30 liters (Dry-Flex S 50 only)
- Drying hopper TT60, 60 liters
- Drying hopper TT100, 100 liters
- Drying hopper TT150, 150 liters
- Drying hopper TT250, 250 liters (Dry-Flex S 80 only)

**Optional Equipment**

- Suction box for drying hopper
- Dew point display
- Return air cooler

	B	A	C
1XTT30/60	1075	TT15	1175 600
2XTT15/30/60	1630	TT30	1130 600
3XTT15/30/60	2170	TT60	1440 600
1XTT100/150	1085	TT100	1705 760
2XTT100/150	1665	TT150	2040 760
1XTT250	1255	TT250	2040 870



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