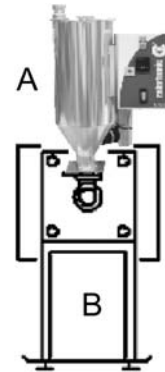


Typical application of a compressed air drying system.

- A Compressed air Dryer
- B Processing Machine

Component A is described below.



## Brief Description

### Application

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.

The compact design allows to use the dryer directly on the processing machine.

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

### Rugged, modular construction

Colortronic compressed air dryers operate on the principle of air expansion. Under this principle, compressed air is expanded to the atmospheric pressure. Through this technology plastic granules can be dried down to 14° F (-10° C). The material can be heated up to 266° F (130 °C). Optional additional modules are available, Which allow dew point temperatures of better than -22° F (-30° C).

Colortronic compressed air dryers are virtually maintenance free.



### Technical Information

#### Basic Version

- Made of stainless steel
- Integrated temperature heater control
- Safety temperature limiter for heater
- Optical alarm indication
- Maintenance free

#### Performance

- Drying hopper capacity  
Dry-Flex XS 15: 0.53 cu. ft. (15 liters)  
Dry-Flex XS 30: 1.1 cu. ft. (30 liters)
- Throughput ABS  
Dry-Flex XS 15: appr 4.4 to 8.8 lbs (2 to 4 kg)  
Dry-Flex XS 30: appr 8.8 to 22 lbs (4 to 10 kg)
- Operating voltage 230 V +/-10%, AC 50 Hz
- Connected load 0.5 / 1.0 kw
- Compressed air consumption  
Dry-Flex XS 15: 2.4 to 7 cfm (4 to 12 m<sup>3</sup>/h)  
Dry-Flex XS 30: 3 to 8.9 cfm (5 to 15 m<sup>3</sup>/h)

#### Optional Equipment

- Sight glass in drying hopper
- Additional modules are available, which allow dew point temperatures of better than -22° F (-30° C)

