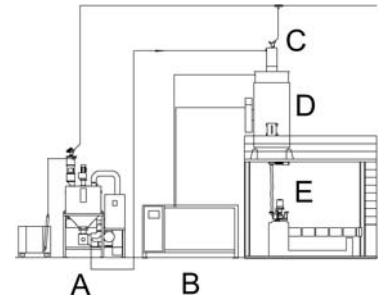


Typical application of a crystallizer

- A Crystallizer
- B Dryer
- C Conveying System
- D Drying Hopper
- E Feeding System

Component A is described below.



Brief Description

Application

Colortronic crystallizers also convert other amorphous plastics into semi-crystalline ones so that a subsequent drying sequence is possible without problems.

- Colortronic crystallizers are designed for continuous, 24 hour operation
- Colortronic crystallizers meet the European "CE" requirements

Rugged, modular construction

In the process, the material is heated and kept moving constantly during the crystallization phase by an agitator. This prevents the clumping of the material during the crystallization phase.

The system is operated by a micro-processor CPC control system.



Technical Information

Basic Version

- All parts coming into contact with the products are made of stainless steel
- Large cleaning opening
- Micro-processor control system
- Special starting program
- Pre-selectable crystallization time
- Automatic inlet valve
- Filling level indicator
- Safety temperature limiter on heater
- Even, optimum degree of crystallization due to horizontal agitator
- Continuous material process

Optional Equipment

- De-dusting separator for processing of dusty materials
- V24 printer interface

Performance

- Maximum throughput 1.87 lbs/hr (.85 kg/hr)
 CPK 50: 176 lbs/hr (80 kg/hr)
 CPK 200: 661 lbs/hr (300 kg/hr)
 CPK 400: 1323 lbs/hr (600 kg/hr)
 CPK 600: 1764 lbs/hr (800 kg/hr)
- Voltage 460/3/60 (Other voltages available. Consult Factory)
- Power Consumption
 CPK 50: 4 kW
 CPK 200: 19 kW
 CPK 400: 34 kW
 CPK 600: 40 Kw
 CPK 1000: CF
 CPK 2000: CF
- Capacity
 CPK 50: 1.75 cu. ft. (50 liter)
 CPK 200: 7 cu. ft. (200 liter)
 CPK 400: 114 cu. ft (400 liter)
 CPK 600: 21 cu. ft. (600 liter)
 CPK 1000: CF
 CPK 2000: CF

	A	B	C
CPK 50	50.88" (1290 mm)	74.8" (1900mm)	31.5" (800mm)
CPK 200	63.0" (1600 mm)	94.5" (2400mm)	50.4" (1280mm)
CPK 400	72.8" (1850 mm)	109.4" (2780mm)	58.7" (1490mm)
CPK 600	72.8" (1850 mm)	125.2" (3180mm)	58.7" (1490mm)
CPK 1000	CF	CF	CF
CPK 2000	CF	CF	CF

