

# Hopper Bank System

\*Throughput Capacity 15-300 lb./hr. (7-135 Kg/hr.)

\*Based on 38 lb./ft<sup>3</sup> Bulk Density

These mini central dryer systems are ideal for processors who need to have up to 6 different materials dry at one time for one or more processing machines.

Dry up to six different resins with different drying temperatures at one time with a single dryer...or dry colorants for blending at machine throat. Add a closed loop conveying system with a manifold and create a mini Central System.



100 cfm dryer with Dri-Touch Control and 4 each RH30 hoppers.

## Multiple Hoppers with One Dryer

One dryer connects to multiple hoppers for a centralized drying system.

## Dry Up to Six Different Materials

Each has its own booster heater for temperature control.

## Justifiable Cost

As few as one or two material changes daily can justify the cost of a hopper bank in months.

## Advanced Dryer Control

Includes dew point monitor, 7-day timer, temperature & dew point alarms.

## Individual Hopper Run Timers

So you know how long each hopper has been drying.

## Combine With Closed Loop Conveying

To create mini central drying/conveying system.



Optional Dri-Touch 7 inch color touch screen control.



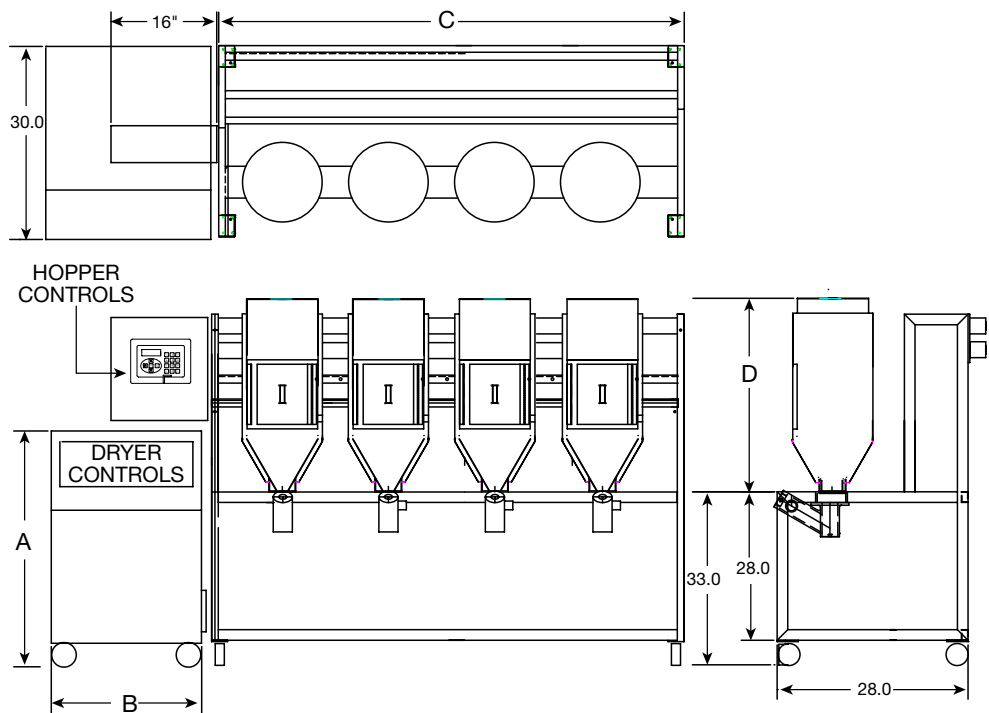
Multiple Hopper bank with conveyance to four machines utilizing standard ADC control.

## Plus

- Supply/return hoses
- Casters
- 208,230,460,400 & 380 VAC 3 phase
- Warranty: 5 years on control, 3 years on valve, 1 year on non-maintenance parts

## Specifications:

Number & Capacity of Hoppers Available	Recommended Dryer
(3)RH5 (4)RH5 (5)RH5	H-35FM
(3)RH15 (4)RH15 (5)RH15	H-35FM H-35FM H-50FM
(3)RH30 (4)RH30 (5)RH30	H-75FM H-100FM H-100FM
(3)RH60 (4)RH60 (5)RH60	H-100FM H-150FM H-150FM
(3)RH100 (4)RH100	H-150FM H-200FM
(3)RH150 (4)RH150	H-200FM H-200FM



Hopper Size	QTY	A (in./cm)	B (in./cm)	C (in./cm)	D (in./cm)
RH 5	4	35/89	17/43	53/135	12/31
RH 15	4	42/107	24/61	53/135	18/46
RH 30	4	42/107	24/61	80/203	28/71
RH 60	4	42/107	24/61	80/203	40/102
RH 100	4	42/107	24/61	99/252	37/94
RH 150	4	64/163	42/107	99/252	50/127

### HOPPER BANK ADC CONTROL FEATURES

- Controls temperatures for up to 6 hoppers
- Run timer for hoppers – tells how long each hopper has been online
- Temperature alarm for each hopper Displays “set” temperatures and “actual” hopper temperatures
- 7 Day – Start/Stop feature
- Open Thermocouple Protection
- Loop break alarm for each hopper

### Dryer Options:

**Dri-Touch 7 inch Color Touch Screen Control:** Same features as ADC

**Temperature Setback:** Prevents over drying by lowering drying temperature when usage slows or stops.(Priced per Hopper)

**Water After Cooler:** For drying temperatures above 250°F.

**Plasticizer Trap:** Water After Cooler Required

**Filter Alarm Light**

**General Alarm Light**

### Hopper Options:

**Adjustable Fill Sensor** (on 60 lb. & up hopper capacities)

**Low Material Alarm**

**Take-Off Box** (includes probe)

**Drawer MagnetCompressed Air Hopper Loader**

### Other Options:

**Compressed Air Machine Loader**

**Torpedo Magnet for Compressed Air Loaders**

**Air Manifold with Manual Shutoff Valves:** Isolates hoppers not in use or while being cleaned