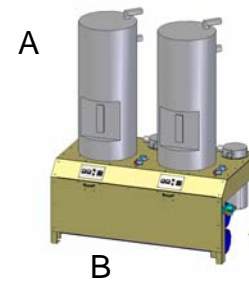


Typical application of a compact dehumidifying drying system.

- A Drying Hoppers
- B Central Drying System

Component B is described below.



## Brief Description

### Application

Central drying systems can reduce operating costs and material waste by eliminating the need to empty and clean a drying hopper between jobs.

- Allows for quick mold changes by changing the material conveying route from one hopper to the next without having to empty and clean the hopper
- Reduces material inventory at the machine and reduces the chances of the material gaining moisture.
- Reduces chances of accidents on the shop floor because the hopper is no longer located on top of the processing machine.
- For use with 15-3000 cfm (25-5100 m<sup>3</sup>/h) dryers and 0.85-9.0 cu. ft. (25-250 liter) stainless steel drying hoppers or 12-45 cu. ft. (340-1275 liter) stainless or carbon steel drying hoppers (sold separately).
- Carts available in 1-, 2-, or 3-hopper configurations for maximum flexibility.



**Technical Information**

**Standard Features**

- Rugged construction
- Isolation valve
- Compact design
- Branch manifold
- Hopper isolation valves

**Optional Equipment**

- 0.85-9.0 cu. ft. (25-250 liter) stainless steel drying hoppers, or 12-45 cu. ft. (340-1275 liter) stainless or carbon steel drying hoppers
- 15-3000 cfm (25-5100 m<sup>3</sup>/h) dehumidifying dryers
- Air heat booster
- Air booster
- Material miser valve
- Purge and dry air conveying
- Bypass manifold

**Selection Guides**

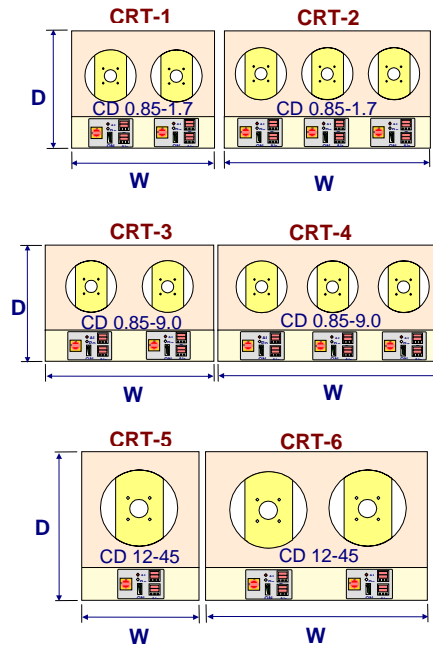
Drying Hopper, cu. ft. (liter)	Isolation Valve	Air Heat Booster (optional)	Material Miser Valve (optional)	Cart
0.85 (25)	ISV-1	AHB-0.75, 1.25	MMV-1	CRT-1, 2, 3, 4
1.7 (50)	ISV-1	AHB-0.75, 1.25	MMV-1	CRT-1, 2, 3, 4
3.0 (85)	ISV-1	AHB-1.25, 2.5	MMV-1	CRT-3, 4
4.0 (110)	ISV-1	AHB-1.25, 3.5	MMV-1	CRT-3, 4
6.0 (170)	ISV-1	AHB-2.5, 3.5	MMV-1	CRT-3, 4
9.0 (250)	ISV-1	AHB-2.5, 3.5	MMV-1	CRT-3, 4
12.0 (340)	ISV-2	AHB-5.0, 7.0	MMV-2	CRT-5, 6
17.0 (480)	ISV-2	AHB-7.0, 10.5, 15.0	MMV-2	CRT-5, 6
23.0 (650)	ISV-2	AHB-7.0, 10.5, 15.0	MMV-2	CRT-5, 6
30.0 (850)	ISV-2	AHB-10.5, 15.0, 21.0	MMV-2	CRT-5, 6
45.0 (1275)	ISV-2	AHB-7.0, 10.5, 15.0	MMV-2	CRT-5, 6

**Branch Manifolds**

Size	Insulated?	No. Outlets	OD
3	Y	2	2-1/2
3	Y	3	2-1/2
5	Y	1	3
5	Y	2	2-1/2
5	Y	2	3
5	Y	3	2-1/2
8	Y	1	3
8	Y	2	2-1/2
8	Y	2	3
8	Y	3	2-1/2
8	Y	3	3
12	Y	1	3
12	Y	2	2-1/2
12	Y	2	3
12	Y	3	2-1/2
12	Y	3	3

**Dimensions**

Cart	# of hoppers	Drying hoppers, cu. ft. (liter)	Depth, in. (D)	Width, in. (W)
CRT-1	2	0.85-1.7 (25-50)	34	49
CRT-2	3	0.85-1.7 (25-50)	34	69
CRT-3	2	0.85-9.0 (25-250)	34	59
CRT-4	3	0.85-9.0 (25-250)	34	89
CRT-5	1	12-45 (340-1275)	48	46
CRT-6	2	12-45 (340-1275)	48	86



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