



## CDS SERIES CENTRAL DRYING SYSTEMS

AEC's Central Drying Systems feature an energy-efficient design that reduces material changeover times, saving space, energy and labor costs. AEC's central drying systems are custom designed to enable our customers to dry several different resins or different colors at the same time using one central dry with multiple hoppers. Systems capacities range from 5 to 6,000 lbs./hr (2.27-2,722 kg/hr).



CDS Series Central Drying Systems

### STANDARD FEATURES

- *Unique mass flow design drying hoppers*
- *Rugged construction*
- *Isolation valve*
- *Compact design*
- *For use with 15-3000 cfm (25-5100 m<sup>3</sup>/hr) dryers and 0.85-9.0 cu. ft. (25-250 m<sup>3</sup>/hr) stainless steel drying hoppers or 12-30 cu. ft. (340-850 m<sup>3</sup>/hr) stainless steel or carbon steel drying hoppers (sold separately)*
- *Carts available in 1-, 2-, or 3-hopper configurations for maximum flexibility*
- *Delivery and return air manifold*

### OPTIONAL FEATURES

- *0.85-9.0 cu. ft. (25-250 liter) stainless steel drying hoppers*
- *12-30 cu. ft. (340-850 liter) stainless steel or carbon steel drying hoppers*
- *15-3000 cfm (25-5100 m<sup>3</sup>/hr) dehumidifying dryers*
- *Air heat booster*
  - *Heat directly at the drying hopper with complete flexibility of temperature settings*
- *Air booster*
- *Material miser valve*
- *Purge and dry air conveying*
- *Bypass valve*
- *Insulated delivery air manifold*

## SPECIFICATIONS

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	12-30 (340-850)	48	46
CRT-6	2	12-30 (340-850)	48	86

For larger hoppers, consult factory

## BENEFITS

- 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>/hr) dryers and 0.85-9.0 cu. ft. (25-250 liter) stainless steel drying hoppers or 12-30 cu. ft. (340-850 liter) stainless steel or carbon steel (sold separately)
- Carts available in 1-, 2-, or 3-hopper configurations for maximum flexibility

