

ADC Control System

- Our proven, time tested ADC control is standard on our APD dryers and includes, -49°F dewpoint monitor, 7 day timer and diagnostic functions
- Spike Free Regeneration**  
ADC controls feature temperature controlled regeneration. Thermocouples in the desiccant tower monitor and adjust the regeneration cycle, changing regeneration parameters as conditions change – the net result is substantial energy savings and spike free bed changeovers!

Loading Options

- Dri-Air closed loop loading eliminates moisture contamination with ambient plant air. Loader includes: brushless motor, controls and DS receiver
- DAC Compressed air loaders offer a quiet, easy to use loader that uses your shop air to convey material

APD Series

Industry standard 2 bed dryer, hopper and optional loading systems. Dri-Air's APD series dryers provide easy, reliable and safe material handling by eliminating press/extruder mounted drying hoppers for fast material changes.

- Energy efficient single blower design uses 40-60% less energy than wheel dryers
- Reliable, dual tower design with no moving parts
- 49°F dewpoint levels for fast drying of engineering resins
- Includes -49°F dewpoint monitor and 7 day timer
- No moving parts and stainless steel construction for reliable, trouble free operation



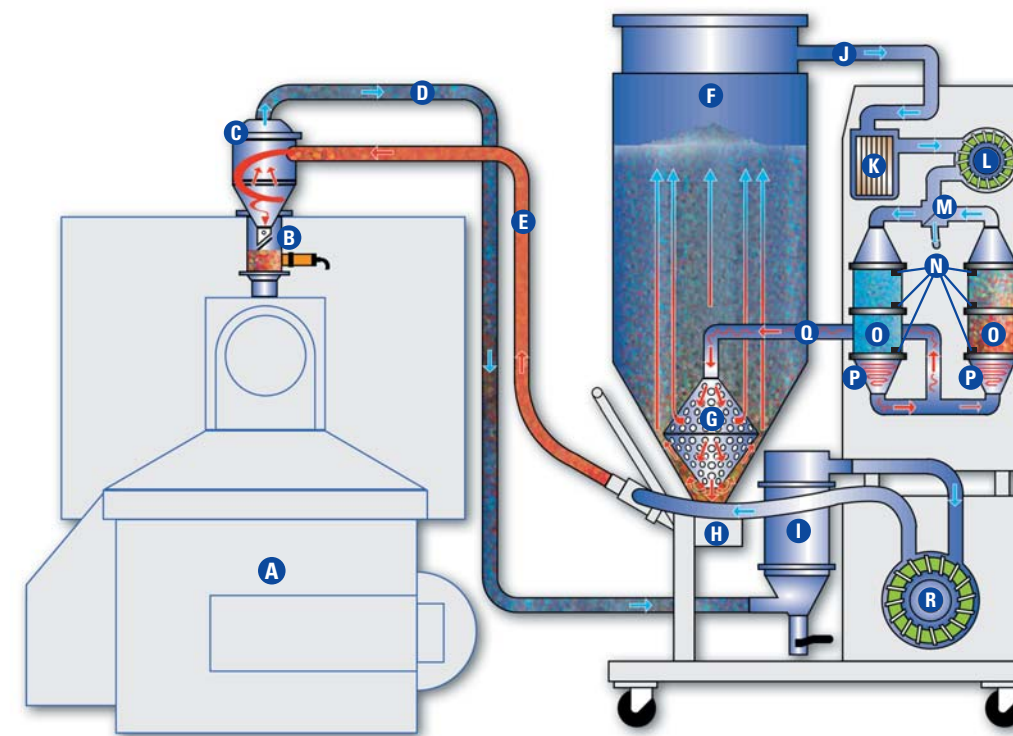
APD-4 portable dryer with ADC Control and dual closed loop loader

APD Model	Process Rate		Hopper Capacity		Dimensions	
	(lbs/hr)	(kg/hr)	(lbs)	(kg)	[l/w/h] inch	[l/w/h] cm
1	7.5	5	30	14	25/39/57	64/99/145
2	15	7	60	27	25/39/62	64/99/169
3	25	12	100	45	25/39/60	64/99/152
4	35	16	150	68	25/39/73	64/99/185
5	40	20	150	68	30/52/75	76/152/191
6	50	25	200	91	30/52/69	76/152/175
7	75	35	300	136	30/52/84	76/152/213
8	90	45	300	136	30/52/84	76/152/213
9	110	45	400	181	50/42/92	127/107/234
10	150	68	600	272	50/42/112	127/107/284
11	200	91	600	272	50/42/112	127/107/284

Dri-Shot Loader

Convey dried material with dry-air, eliminating moisture contamination with compressed or ambient plant air. Closed loop loaders are available with portable dryers or as stand-alone units. Eliminate press/extruder mounted drying hoppers.

- Stainless steel construction with internal flap valve that provides a positive seal at the throat – simplifies installation on color feeders, slide gates, swing arms or existing magnet drawers
- Adjustable time-fill accommodates process rates up to 750 lbs/hr Larger sizes available



Airflow schematic of portable dryer with closed loop loading

System features

- Brushless blower for quiet, reliable operation
- Optional bag filter with blow back for dusty materials
- Small, Dri-Shot receiver improves plant safety
- Can be used to load drying hoppers for a complete, integrated package
- Can be configured to load two presses/extruders

- A Molding Machine or Extruder
- B Flap Valve
- C Material Receiver
- D Vacuum Line
- E Material Line
- F Drying Hopper
- G Air Diffuser Basket
- H Take-Off Box
- I Loader Filter
- J Return Line
- K Dryer Filter Element
- L Vortex Dryer Blower
- M Electric Air Valve
- N Thermocouples
- O Desiccant Beds
- P Process/Regeneration Heaters
- Q Supply Line
- R Vortex Loader Blower