



NOMAD PORTABLE DRYING SYSTEMS 90-225 CFM (150-380 m³/hr)

Nomad™ portable drying systems provide complete drying and conveying in one compact, portable package. These units automatically convey on demand while providing closed loop drying.



Nomad™ PD-3 Level C

STANDARD FEATURES

- Integrated control interface provides status of drying and conveying functions. Also allows simple start-up, shutdown, and change of drying and conveying parameters
- “Off-the-shelf” programmable controller controls drying and conveying functions
- PID temperature controller provides LED readout of set point and actual process temperature
- Digital dew point indicator displays “actual dew point” and “high dew point” alarm settings
- Sightglass material receiver for minimal inventory on the process machine
- Insulated drying hopper with sight glass and slide gate. Large cleanout door on hoppers
- Single power connection point with electrical disconnect on control cabinet
- SD6.0 and SD9.0 stainless steel drying hoppers
- SD12, SD17, and SD23 carbon steel drying hoppers

OPTIONAL FEATURES

- Stainless steel flex hose (required when conveying materials above 250°F)
- Individual visual dirty filter indicator
- Remote proportioning valve mounted to vacuum receiver to fill drying hopper
- SRL and SLC hopper loader to fill drying hopper proportioning/non-proportioning
- SRL control mounting bracket
- Stainless steel drying hoppers (SD12, SD17, and SD23)

SPECIFICATIONS

Model	Dryer Process Air Flow		Amp Draw	Voltage	Insulated Drying Hopper Size			
	cfm	m ³ /hr			cu. ft.	liters	lbs.	kg
PD-2A	90	150	24	460/3/60	6.0	170	200	90
PD-2C	90	150	24		9.0	250	300	135
PD-2B	90	150	24		12.0	340	400	181
PD-3	100	170	27		12.0	340	400	181
PD-4A	150	250	38		12.0	340	400	181
PD-4B	150	250	38		17.0	480	600	272
PD-4C	225	380	48		23.0	650	800	363

NOMAD™ SERIES CONTROL (DUAL BLOWER DRYER MODEL SHOWN)

- “Off-the-shelf” PLC control of drying and conveying functions
- Independent operation of dryer and conveying control circuits
- 1/16 DIN temperature controller with LED readout of process air actual and set point temperature
- Digital dewpoint indication with customer-adjustable high dewpoint alarm set point and LED readout of actual process dewpoint
- Indicator lights and display provide status of desiccant bed regeneration heaters, process and regeneration blowers, and material loading system
- Alarm indication includes: high temperature process air, high temperature regeneration air, and high dewpoint (dirty filter alarm optional)
- Switch on dewpoint demand
- Dryer process auto shutdown sequence

Level A Machine Loading Only	<p>All features listed above plus:</p> <ul style="list-style-type: none"> • Machine loader convey station control • Closed-loop dry air conveying to process • SRI Series stainless steel sight glass receiver
Level B Drying Hopper Loading Only	<p>All features listed above, with the following modifications:</p> <ul style="list-style-type: none"> • Drying hopper loader fills the drying hopper in lieu of machine loader • Includes SRC02 material receiver with hose and pickup wand 1.5" (38mm) FCO open loop standard take-off on discharge of drying hopper
Level C Machine Loading and Dryer Hopper Loading	<p>All features listed above, including both machine loader and drying hopper loader plus:</p> <ul style="list-style-type: none"> • Machine loader convey station with closed loop dry air convey and SRI sight glass vacuum receiver • Drying hopper loader with SRC02 material vacuum receiver and 1.5" (38mm) OD pickup wand with hose