



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	All features listed above plus: <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	All features listed above, with the following modifications: <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	All features listed above, including both machine loader and drying hopper loader plus: <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

DIMENSIONS

Model	Width, in. (cm)	Depth, in. (cm)	Height, in. (cm)	Weight, lbs. (kg)
PD-2A	64 (163)	28 (71)	81 (206)	650 (295)
PD-2C	64 (163)	28 (72)	87 (221)	725 (329)
PD-2B	67 (170)	36 (91)	101 (257)	925 (420)
PD-3	67 (170)	36 (91)	101 (257)	975 (442)
PD-4A	78 (198)	36 (91)	101 (257)	1250 (567)
PD-4B	78 (198)	36 (91)	121 (307)	1425 (646)
PD-4C	78 (198)	36 (91)	115 (292)	1775 (805)