

# NOMAD SERIES PORTABLE DRYING SYSTEM



Nomad™ PD-3 Level C

## NOMAD™ PORTABLE DRYING SYSTEM

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.

## 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 dewpoint indicator displays “actual dewpoint” and “high dewpoint” alarm settings
- Sight glass 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 drying hoppers are stainless steel
- SD12, SD17, and SD23 are carbon steel drying hoppers

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# NOMAD SERIES PORTABLE DRYING SYSTEM



## 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

Model	Dryer Process Air Flow		Amp Draw	Voltage	Insulated Drying Hopper Size			
	cfm	m <sup>3</sup> /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

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

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