



Rhino[®] XD3

Pneumatic Bulk Unloaders

Industry-leading features provide production flexibility and reduce material waste and operational costs.

Performance by design

Nordson

Rhino XD3

Durable.
Simple.
Efficient.
Cost-effective.



Long-Lasting Durability

Reduced downtime and maintenance through rugged design and the highest build quality that maximize production efficiency.

Operator Simplicity

Simple and intuitive front-facing operator interface features system connectivity in either Profinet or Ethernet IP, providing flexibility to meet customer specifications.

Features Bring Efficiency

Simplified controller interface, advanced light tower indication, extended air motor life, optimized hydraulic section and robust packing glands are just some of the features providing optimum efficiency.

Reduced Material Waste Brings Cost Savings

Ultra low-waste follower plate reduces material waste by over 65%, providing extreme cost savings.

Industry-Leading Features & Benefits

Enhanced Cable Protection

55-gallon configurations are fitted with a cable track to provide protection from harsh manufacturing environments.

Modular Design

A range of interchangeable air motors and follower plates enable simple system configuration.

Dispensing Consistency

Fast air motor changeover, rapid cycling and a dual air-piloted cylinder provide uniform material output and consistent material pressure.

Operator Simplification

Simple and intuitive front-facing pneumatic controls feature automatic shutdown functionality that prevents damage to the unit when the follower reaches the bottom of the container.

Safety Compliance

Tapered solvent cup ensures a finger-safe design and CE compliance.

Elimination of Operator Error

Optional material barcode reader scans material containers to ensure a match between the application and desired material, providing production reliability, cost savings associated with rework, quality assurance and audit trails.

Durable Hydraulic Section

With the elimination of internal seals, simple-to-remove packing cartridge and easy access to the solvent port, the hydraulic section design provides easy maintenance.

Reduce Downtime

Optional automatic changeover feature minimizes downtime by allowing continuous production during material container changes.



Note: Image displays some features which are optional / dependent on configuration.

Rhino Pneumatic Bulk Unloader Products

Type	Description	Container Size	Pump Power Ratio	Wetted Material	Temperature Control
XD3	eXtreme Duty	5-gallon	10:1, 25:1 40:1, 65:1	Carbon Steel	Ambient
		55-gallon	25:1, 40:1, 65:1		
XD3 - SS	eXtreme Duty	5-gallon	6:1, 10:1, 15:1, 25:1, 40:1, 65:1	Stainless Steel	Ambient
	Stainless Steel	55-gallon	10:1, 25:1, 40:1, 65:1		

Dimensions

	55-Gallon	5-Gallon Dual Post
Width	51 in. / 130 cm	33 in. / 84 cm
Height*	88 in. / 224 cm	83 in. / 211 cm
Depth	26 in. / 66 cm	21 in. / 53 cm

*Height listed with Ram in down position.

Technical Specifications

Item	Description
Volume per Cycle*	190 cc / 6.42 fl oz.
Maximum Output	2.85 L/min. / 0.75 gal/min.
Maximum Cycle* Rate	Intermittent: 1 cycle per 4 sec. Continuous: 1 cycle per 8 sec.
Dynamic Viscosity Range	30,000 - 4,000,000 cps

*Cycle consists of one down stroke and one up stroke.

Container Size Specifications

Container Size	Container Style	Follower Size
5-gal / 20-L	Tapered 280 - 286 mm	Wiper 280 - 286
5-gal / 20-L	Straight 11 in. / 280 mm	280
5-gal / 20-L	Straight 11.25 in. / 286 mm	286
5-gal / 20-L	Straight 12 in. / 305 mm	305
5-gal / 20-L	Straight 12.25 in. / 310 mm	310
55-gal / 200 L	Straight 22.5 in. / 571 mm	55-gal

Power Factor Specifications

Power Factor Range	Material Pressure Range
10:1	400 - 750 psi / 27.5 - 51 bar
25:1	1,000 - 2,000 psi / 69 - 137.5 bar
40:1	1,600 - 3,200 psi / 110 - 220.5 bar
65:1	2,600 - 4,800 psi / 180 - 331 bar

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Nordson expertise is always here when you need it

Our infrastructure provides fast access to factory-trained engineers when you need support. Plus, our global parts supply chain means you can always source the parts you need to put things right – fast.

In highly competitive manufacturing sectors, accuracy is vital and performance is essential. That's why we apply both to everything we do, whether it's our products, expertise or after-sales service that enables you to maintain the highest standards, maximize productivity and work even more efficiently. Precisely why manufacturers who demand quality they can rely on, always specify Nordson.

Performance by design

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