

From paper to foils...
200 mm to 1300 mm wide...
50 m/min to 150 m/min...



When you expect more.®



That's the kind of versatility the **Nordson Web Coating & Laminating Systems** give you

Nordson Corporation, USA, has been in India since 1990. Nordson adhesive application equipment is well known in this region and has earned a reputation for product quality and performance.

Nordson India Pvt. Ltd., now offers an entire range of **Hot Melt Adhesive Coaters** designed to meet your exact production needs and comes with the world-class support you expect from Nordson.



Nordson Hot Melt Adhesive Coater

Be it paper, textiles, plastics or foils, in widths ranging from 200 mm to 1,300 mm, the Nordson Hot Melt Adhesive Coater is designed to deliver high quality finished materials at a very competitive price.

Nordson's internationally proven slot coating technology brings you excellent control and the ability to manufacture adhesive coated materials with excellent edge and coating weight control.

Built to exacting international Nordson specifications, the Nordson Hot Melt Adhesive Coaters are rugged, reliable and high performance machines. With a proven track record both in India and overseas, these coaters bring you the best features of adhesive coating technology at an affordable price.

Keeping in mind the demanding business environments in which you operate, the Hot Melt Adhesive Coaters are available with a host of customised features:

- Sophisticated digital controls: for ease of operation
- Back-die cutting: for easy crack-and-peel
- UV Curing: for greater stability of the applied adhesive
- Streak-free coating: for clear labelling and the no-label look and many more...

With an excellent benefit-cost ratio backed by first-class support options, the Nordson Hot Melt Adhesive Coater makes an eminently viable investment that's just right for your business.



Bracketry

The coating head is mounted on micro-adjustable 3-dimensional precision bracketry with a pneumatically operated retractor assembly. This enables adjustment of the parallelism, vertical movement and angle of the coating head with respect to the web, to obtain uniform, repeatable and high quality coatings. Automatic, timed head retraction ensures clean cut-off and protects the web from distortion.



Tension Control

Automatic web tension control electronically ties separate strain gauges of the load cells to magnetic particle brakes (or motors) on the rewind and both unwinds. This maintains the selected tension for the thickness and type of substrate. The web tension is measured by two load cells on a measuring roller amplified and controlled according to a specified reference value. A powder brake serves as an actuator.



Edge Guidance

Automatic web edge guidance assures precision web alignment and winding. It eliminates the errors caused by improper roll positioning, incorrectly wound rolls, staggered roll edges and deviations in web travel during production. Depending upon application requirements and substrate properties, the guidance system could be electro-electrical or pneumo-hydraulic.

3 Control System options with user-friendly Human Machine Interface (HMI)



Control Panel



Control Pendant



Control Desk

Hot Melt Application Systems

VersaBlue® Series

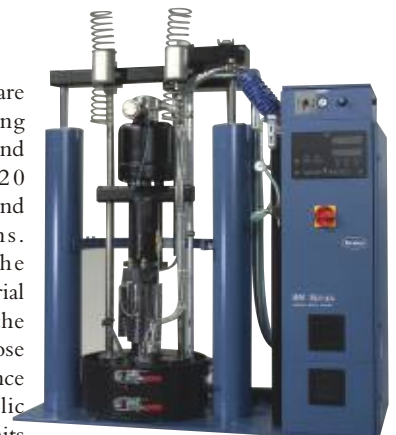


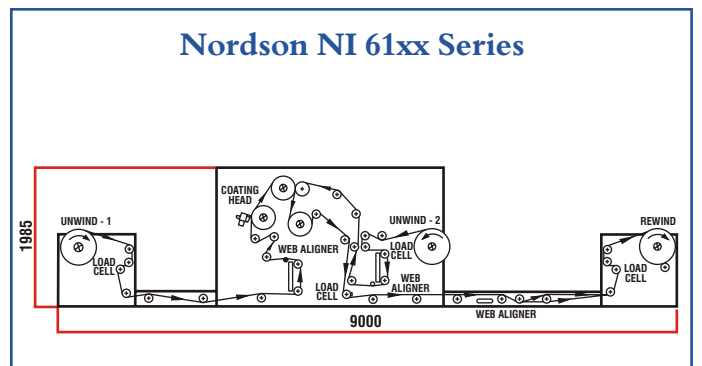
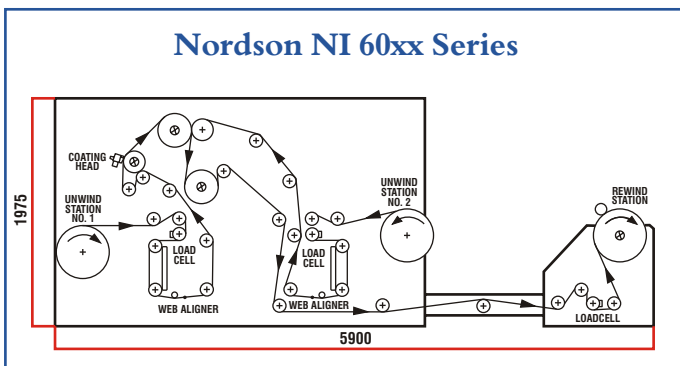
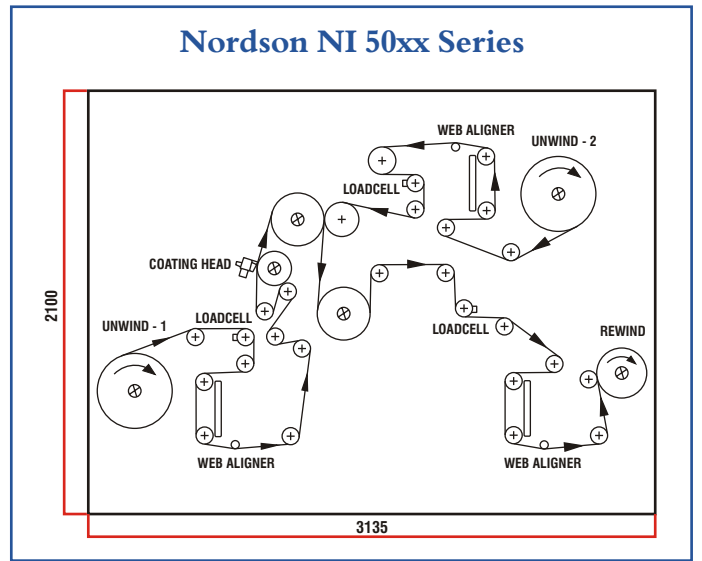
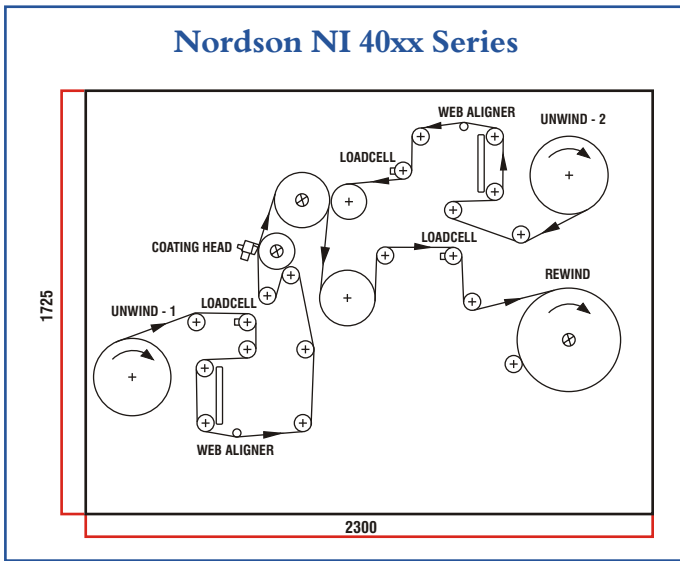
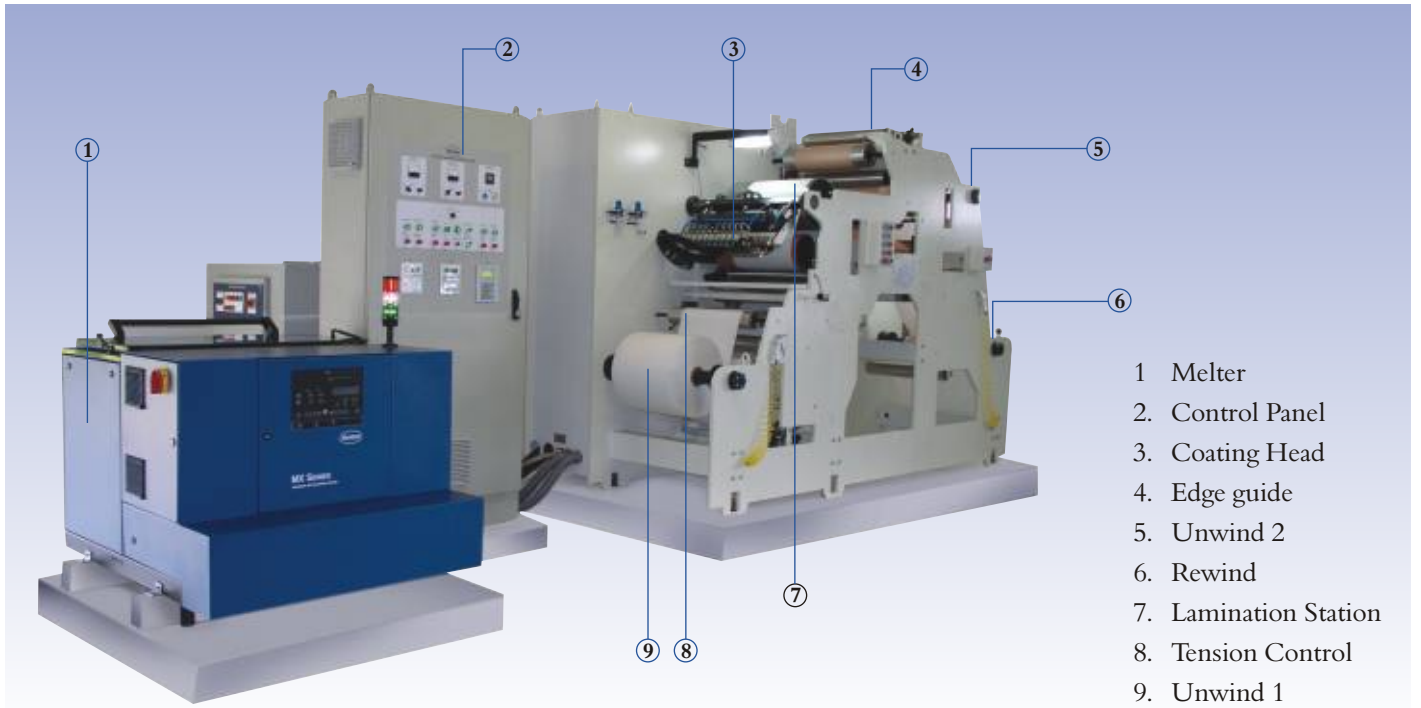
VersaBlue® Melters are designed for precise, demanding hot melt adhesive applications. A choice of metering spur-gear pumps with variable-speed AC motors satisfies a wide range of manufacturing requirements. Available in 12, 25, 50 and 100 litre capacities, the VersaBlue® Melters incorporate a grid and reservoir tank design that

reduces adhesive degradation while maximising adhesive throughput. A VxWorks® - based industrial PC provides full control of the adhesive system via a touch-screen interface.

BM Drum Melters

BM Drum Melters are used for processing hot melt adhesive and sealants from 20 and 200 litre (5 and 55 gallon) drums. Depending on the application and material being processed, the customer can choose from high performance units with hydraulic drives; standard units with gear, piston, or auger pumps; or simple drum presses without a pump.





Dimensions are indicative only

Nordson India Hot Melt Adhesive Coaters - Technical Specifications

Specifications	NI 40xx	NI 50xx	NI 60xx	NI 61xx
Length (Indicative)	2,300 mm	3,135 mm	5,900 mm	9,000 mm
Width (Indicative)	1,400 mm	1,550 mm	1,800 mm	2,375 mm
Height (Indicative)	1,725 mm	2,100 mm	1,975 mm	1,985 mm
Electrical Rating	440 VAC, 3 ph, 50/60Hz	440 VAC, 3 ph, 50/60Hz	440 VAC, 3 ph, 50/60Hz	440 VAC, 3 ph, 50/60Hz
Maximum Coating Width	200 - 350 mm	500 mm	800 mm	1300 mm
Maximum Coating Speed	100 m/min	150 m/min	150 m/min	150 m/min
Substrate gsm at unwind (per substrate)	20 to 100 gsm	20 to 100 gsm	20 to 100 gsm	20 to 100 gsm
Laminate gsm at rewind (total)	140 to 230 gsm	140 to 230 gsm	140 to 230 gsm	140 to 230 gsm
No. of Unwinds	2	2	2	2
No. of Rewinds	1	1	1	1
Maximum unwind Diameter	600 mm	600 mm	1,000 mm	1,200 mm
Maximum rewind Diameter	800 mm	800 mm	1,200 mm	1,400 mm
Core inner diameter	76.2 mm	76.2 mm	76.2 mm	76.2 / 152.4 mm
Electric Web Tension Control	Standard with particle brakes	Standard with particle brakes	Standard with motorised unwinds	Standard with motorised unwinds
Web edge guide	Standard for unwinds Optional for rewind	Standard for unwinds Optional for rewind	Standard for unwinds Standard for rewind	Standard for unwinds Standard for rewind
Web edge guide type	Pneumo hydraulic - Standard electro-electrical - Optional	Pneumo hydraulic - Standard electro-electrical - Optional	Electro-electrical Standard	Electro-electrical Standard
Coating head bracket	Micro-adjust, auto retraction	Micro-adjust, auto retraction	Micro-adjust, auto retraction	Micro-adjust, auto retraction
Substrates	Paper, textile, film, foil	Paper, textile, film, foil	Paper, textile, film, foil	Paper, textile, film, foil
Coating weight	20 -100 gsm	20 -100 gsm	20 -100 gsm	20 -100 gsm

Specifications are indicative only and are subject to change without notice



When you expect more.®

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