

Hot Melt Coating and Laminating Machines

Norda is a hot melt converting total solution provider that has more than 20-year experience in designing and manufacturing hot melt coating and laminating equipment. Promoting low-VOC and harmless hot melt adhesive coating is Norda's commitment to sustainable development.

Key Features

- Full integration with melter and slot die
- Automatic tension control and web-guiding
- Coat weight measurement
- Touch screen HMI
- Mitsubishi or AB PLC
- Heating & chill rolls for hot and cold lamination
- Remote troubleshooting with Industry 4.0 capability
- Optional UV lamp, corona treatment or slitter
- Select full coating, intermittent coating, or spray coating



ND-2000 Series Multi-functional Coater

ND-2000 series multi-functional coater is small-size, suitable for testing, sampling or small production in laboratories or R&D centers.



ND-4000 Series Single-wall Coater

ND-4000 series has a compact design with coating width up to 400mm. With speed up to 300 m/min, ND-4000 Coater is suitable for narrow-web high speed production runs.



ND-6000 Series Double-wall Coater

ND-6000 series is used to process large diameter, and wide width rolls. With speed up to 450 m/min, ND-6000 Coater is suitable for high volume customers.

Applicable Material

Paper, plastic film, metal foil, non-woven, textile.

Applications

Medical: wound dressing, hydrocolloid acne pad, medical tape, and pain relief patch, medical tape, cloth-like.

Industrial: automotive tape, BOPP tape, paper label, clear label, soundproofing cotton, water proof tape, and all kind of tapes.

Specifications

Machine Mode	ND-2000 Series Multi-functional Coater	ND-4000 Series Single-wall Coater	ND-6000 Series Double-wall Coater
Glue Width	Max. 150 mm	Max. 400 mm	Max. 1,300 mm
Speed	Max. 50 m/min	Max. 300 m/min	Max. 450 m/min
Construction	Cantilevered	Cantilevered (Partial Supported)	Supported
Core Sizes	3" (76mm)	3" (76mm)	3" (76mm) 6" (152mm)
Unwinder	300 mm D	450 mm D	1,000 mm D
Rewinder	300 mm D	450 mm D	1,000 mm D

We can customize the design and function according to customer's needs.

Slot die

TrueCoat™ TCHP Streak-Free Slot Die



- Classic nozzle and/or rotating bar nozzle for high quality streakless coating.
- Width changes can be done easily.
- Customized stripe application without adhesive build-up on the edges.
- Closed hot melt films up from 10g/M² on.
- Quick-exchange nozzle design reduces, machine down-time to less than 10 minutes.
- Trolley for safe and easy change of nozzles.

Nordson EDI Ultracoat Slot Die



- Ideal for applications with a target coating thickness of 0.050mm (0.002") or greater and a coat weight thickness of ±1.75-3.5%.
- Streamlined secondary manifold for improved distribution of fluid.
- Thermal equalization adjustment capabilities.
- Optional Autoflex™ automatic lip adjustment system.

Options

- Melter
- UV Curing
- Thickness Gauges
- Corona Treatment
- Slitter
- Rewinder

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