

INVEX-700 NARROW-WEB COATER



Excellence Through
Innovation

INOKIN
WORLDWIDE

Design Features:

- **Various Cassette Coating Heads**
Built-in versatility supporting 10 coating variations
Quick, easy changeover
Easily reconfigurable
- **Custom Engineered AC Vector Drive System**
Precise, closed-loop tension control from
unwind to winder
- **Modular Air Flotation Dryer**
Modular Design
Higher heat transfer rates
Non-scratching
Quick change-out nozzle design
Built-in electric heater with SCR control circuitry
Optional thermal oil or steam heat sections also available
Positive pressure design with HEPA filtering
Reduces curl
Additional dryer modules can be added as needed
- **Designed for Cleanroom Environments**
- **All Pneumatic, Low Pressure Edge Guide**
Virtually maintenance-free design
Inherently explosion proof
- **Compact Modular Design**
Small footprint saves floor space
- **High Process Visibility**
Entire machine enclosed in reinforced safety glass
- **Laminating Section**
Heated or Chilled Roller
- **Custom Engineered Control System**
High Speed Programmable Logic Controller (PLC)
- **Cantilevered Roll Design For Easy Material Handling**
- **Optional Features Available**
UV Curing Unit
Corona Treating Station
Web Cleaning Units
Roll handling cart

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INVEX-700 NARROW-WEB COATER

RAPID-CHANGE CASSETTE COATERS

FINISH WITH POWER.

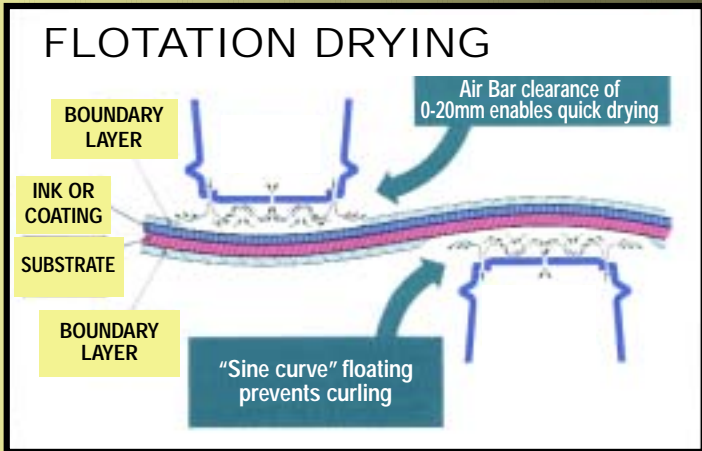
INOKIN'S INVEX-700 NARROW-WEB COATER empowers you with 10 different cassette coating variations. Each cassette has been thoroughly test-run in our labs, thereby ensuring you of a user friendly operation. Each cassette can be changed out in minutes providing higher machine up-time. Additionally, you can easily clean and prepare the cassette for your next job away from the running line. No nips and no moving parts make this job completely safe.



Coater Head



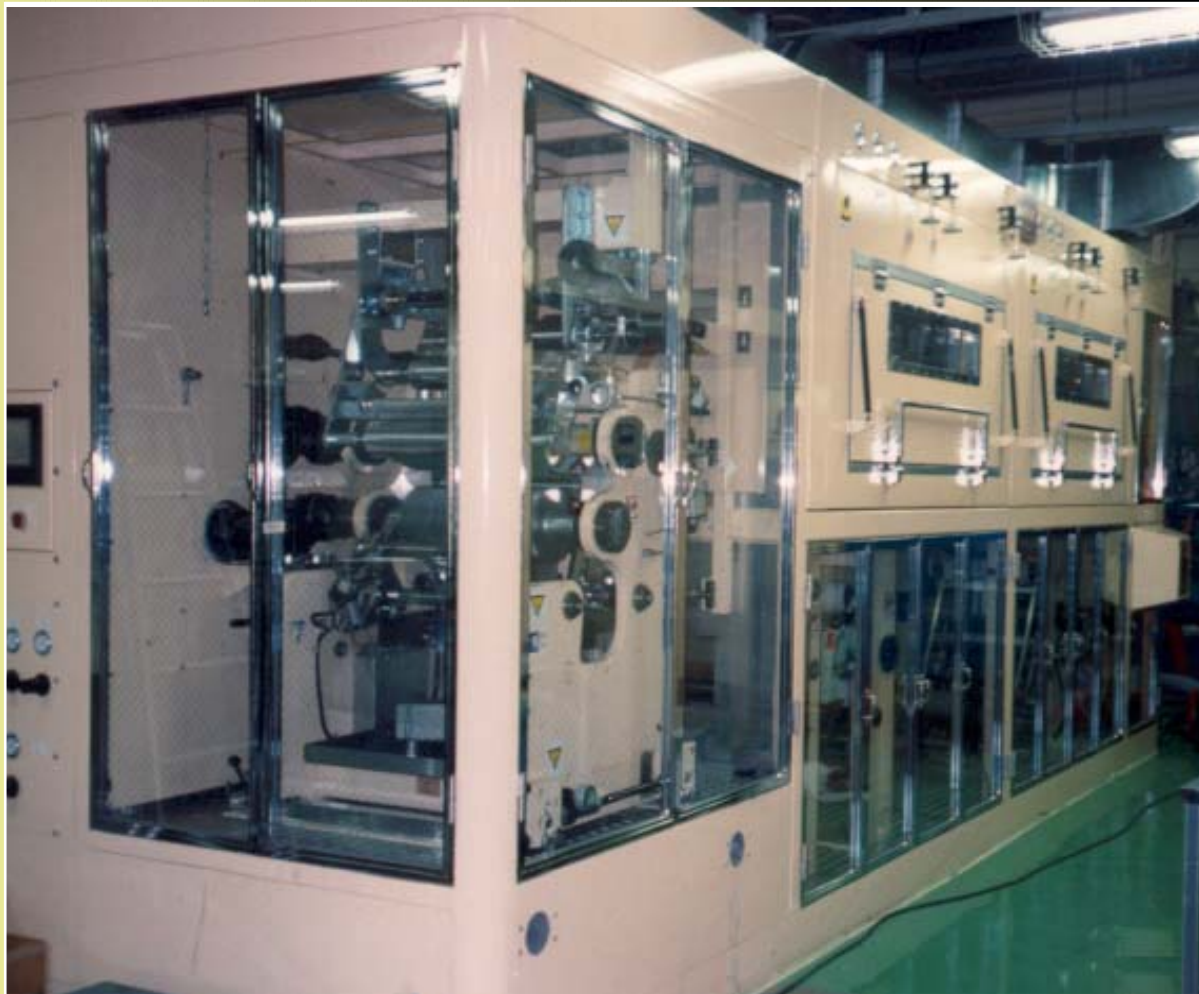
Direct Die Coater



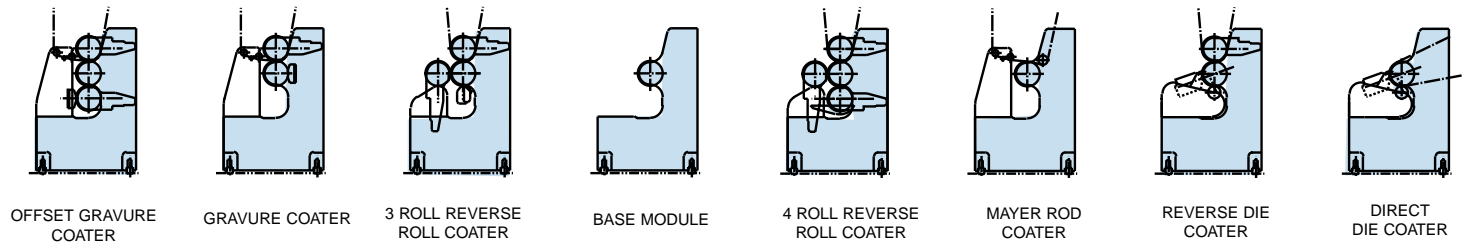
MODULAR

AIR FLOTATION DRYER

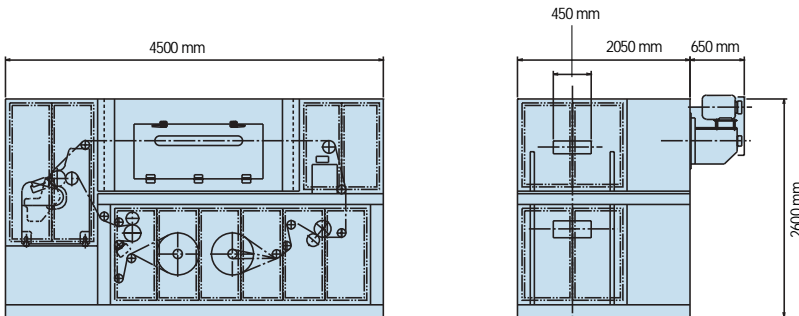
A MODULAR air flotation dryer provides efficient, consistent drying without curling, scratches, marks or touch-down contamination and comes equipped with an assortment of air bars for testing. Additional single zone modular drying units can be added as needed.



Cantilevered roll design for easy material handling



INVEX-700 NARROW-WEB COATER BASE MODULE



SIDE ELEVATION

END ELEVATION

*Additional drying modules
will increase length.*

OPTIONAL VARIATIONS

Corona Treating Station, UV Curing Unit,
Web Cleaning Unit, Roll Handling Carts

GENERAL SPECIFICATIONS:

Roll Face Length: 450 to 750mm
Machine Speed: 100 m/min
Unwinder/Winder: Maximum 500 mm dia, 3" ID Cores
Dryer Length: 2,000 mm/module

UTILITIES: (for a single dryer module configuration)

Electrical Power:

Drives: 480/240 vac x 3 ph x 60 hz
Controls: 120 vac x 1 ph x 60 hz
Heater: Heating oil, steam or electrical
Equivalent to 35,000 kcal/hr (139,000 btu/hr)
Power: 10 kW without heater

Atmospheric Conditions:

D.B. Room Temperature: 20° C (62° F)
Relative Humidity: 60-80%

Compressed Air:

Pressure: 4 kg/cm² (60 psi)
Consumption: 1 m³/hr (0.6 cfm) @ 4 kg/cm²

Cooling Water:

15 l/min (4 gpm)

Designed for Cleanroom Environments

The best finish STARTS with a good beginning. Our engineers and team of professionals work closely with you from the beginning to understand your application, assess your needs,

THE FINISH LINE

then recommend and provide optimal solutions. Working in partnership with your company INOKIN gets involved with the client in every aspect of the development process and provides solutions that give you a competitive edge. INOKIN designs, engineers and manufactures the complete FINISH LINE of coating and laminating machines.

TYPICAL APPLICATIONS INCLUDE:

Battery electrodes, liquid crystal sheet film, photo film, medical and X-ray film, photo-resist film, flexible printed circuit boards, reflective film, magnetic tape, adhesive/masking tape, silicone release paper and film, thermo-sensitive paper, and specialty products.

For more information on converting technology, please call or visit our website.

U.S. Distributor:



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Visit our web site: WWW.INOKIN.co.jp

FULL LINE CONVERTING TECHNOLOGY

Converting Equipment

- Pilot Machines
- Production
- Coaters
- Laminators

Unwinders/Rewinders

- Accumulators

Drying Equipment

- Air Flotation
- Modular Units

Control Systems

- Turnkey Drive Systems
- PLC Integration

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THROUGH INNOVATION