Pre-Engineered for Lowest Cost and Quickest Delivery

The LabMaster Plug & Play Coating Line is a complete pilot line that includes two unwinds, dryer, dry bond laminator with chill rolls, and rewind with integrated drives and controls. Coating modules are interchangeable so the LabMaster can be configured for a variety of coating methods that satisfy a broad range of applications. A wet bond laminator module is also available.

The base LabMaster configuration includes a single-zone 3-meter dryer and an additional 3-meter dryer zone can be ordered with the machine or added at any time. The modular design minimizes installation time and costs while maximizing flexibility. The LabMaster can process webs up to 356mm wide, accommodate material rolls up to 300mm OD, and run at speeds up to 30m/min.

The LabMaster functions as a narrow web production machine for those whose needs fall within the capability of the design. We have a LabMaster at the Faustel Technical Center to help with this determination.
JUST PLUG IT IN.

Arrives Preassembled on a Modular Frame

The LabMaster is a true “plug and play” system. There are limited mechanical and electrical interconnections to be made, and no internal ducting is required. The machine is compact for easy installation, transportation, and relocation.

Slide Together and Pin

Connect to Electrical and Air

Connect Exhaust

Fits Standard 2.4m Door for Easy Installation and Relocation
**Flexible Design Allows for Addition of Modules**

**LabMaster with Single-Zone**
- l. 5,757mm
- d. 2,309mm
- h. 2,512mm; 2717mm with UV

**LabMaster with Two-Zones**
- l. 9,292mm
- d. 2,309mm
- h. 2,512mm; 2717mm with UV

**Expandable Modular System is Configurable for a Single-Zone, Two-Zone, or Three-Zone Dryer**

The LabMaster is a pre-engineered pilot coater/laminator that is ideally suited for R&D and narrow web production coating/laminating. Pre-engineering allows Faustel to offer the LabMaster at an economical price, with a shortened delivery cycle.

**Coating & Laminating Modules**

- Reverse Roll Coater Module
- Roll Coater Module
- Knife Over Roll Module
- Slot Die Coater Module
- Dry Bond Laminator w/optional UV Curing
**LabMaster Benefits**

- Pre-engineered for lowest cost and quickest delivery.
- Preassembled — minimum installation costs.
- Unitized frame — simple mechanical installation, easy to transport and relocate.**
- Plug & Play capability requires minimal on-site installation with a single-point interface for electrical, exhaust, and compressed air.
- Variety of standard and optional coating and laminating methods that can be added in the future.
- Expandable to two dryer zones.

**LabMaster Capabilities***

- Roll or slot-die coating
- Water, solvent, or hot-melt coating
- Dry and wet bond laminating

**LabMaster Specs**

- Includes Two Unwinds, Roll Coater, Dryer, Laminator with Chill Rolls and Rewind with Integrated Drives and Controls.
- Materials: Paper, Film, Foil, Non-wovens
- Web Widths: Up to 300mm
- Speed: Up to 30m/min.
- Roll size up to 300mm OD

**Options**

- Slot Die Coater
- Comma Roll Coater
- Knife Over Roll Coater
- Reverse Roll Coater
- Flexo Printer
- Rotary Screen Printer
- Wet Bond Laminator
- UV Curing
- Corona Treater
- Load Cell Control
- Static Eliminators

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*Optional equipment may be required.

**Single-Zone system ships in two sections. Two-Zone system ships in three sections.
Engineered & Built To Meet Your Unique Specifications

Leading-Edge Technology
- Unwinding & Winding
- Auto-Slicers & Core Transfers
- Coating
  (Fixed Frame or Cartridge)
- Laminating
  (Wet, Dry, or Thermal Bond)
- Drying
  (Roll Support, Belt, or Air Flotation)
- Curing
  (UV, E-Beam)
- Auxiliary Systems Integration
  (In-Line Coat Weight Measurement, Solvent Recovery & Distillation, Thermal Oxidizers, Closed Loop Coating Delivery, Corona Treatment, and Web Cleaners)
- Clean & Dry Room Configurations
- Drives & Controls
- Installation & Start Up

Pre-Engineered Solutions
(TecMaster, LabMaster and MCL)
- System Options Configurable to your Process
- Rapid Delivery
- Economical to Install

Specialized Solutions
- Battery and Battery Separators
- Reverse Osmosis Membranes
- Window Film
- Tape and Label
- Vinyl Casting
- Foil Lamination
- Medical Device & Pharmaceutical
- Don’t see your solution? Please call (262) 253-3333.

Custom Solutions
- Proven technology configured to your unique process requirements
- Stand-alone components and complete lines

Process Development
Test • Adjust • Prove QUALITY
We Help You Succeed

The In-House Technology Center is available for product development. It incorporates all well-known drying and curing technologies as well as a wide variety of coating, laminating, and winding capabilities.

Parts & Service
24-Hour Technical Support Line
(262) 253-3333

The 24-hour Technical Support Line is staffed with engineering specialists who have access to drawings, PLC programs, and vendor information to provide a quick response and minimize your downtime.

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