



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.



Fits Standard 2.4 m Door for Easy Installation and Relocation



Slide Together and Pin



Connect to Electrical and Air



Connect Exhaust

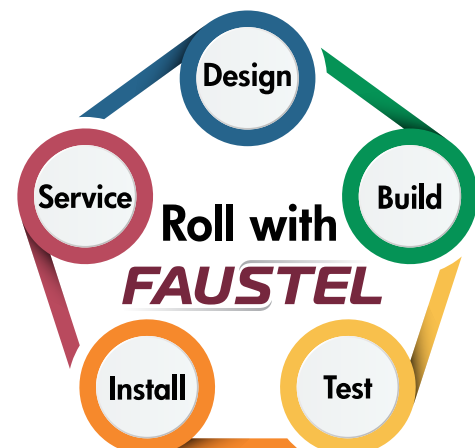


FAUSTEL

Engineered & Built To Meet Your Unique Specifications

Leading-Edge Technology

- Unwinding & Winding
- Auto-Splicers & 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



Coating • Laminating
Winding • Drying • Controls

Pre-Engineered Solutions

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

Specialized Solutions

- Battery and Battery Separators
- Filtration 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

(262) 253-3333
24-Hour
Technical Support Line

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.

Contact

W194 N11301 McCormick Dr.
Germantown, WI 53022

(262) 253-3333
www.faustel.com
sales@faustel.com

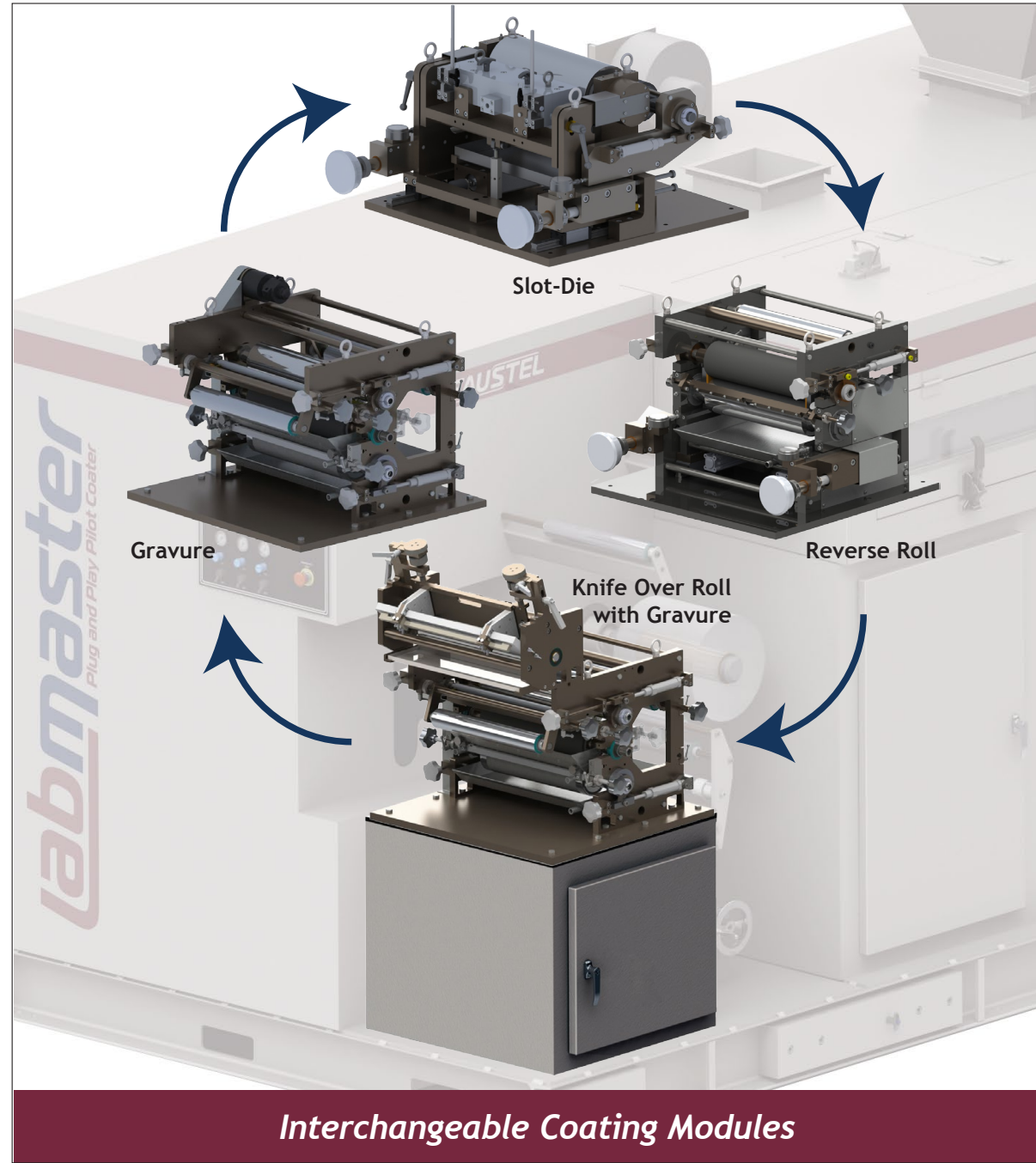
Tongan Industrial Area
Xiamen City, 361100 China
86-592-7360378
www.faustel.com.cn

FAUSTEL

The Global Leader in
Custom Converting Technology



IDEAL FOR BATTERY AND
SEPARATOR COATING



Pre-Engineered for Lowest Cost and Quickest Delivery

The LabMaster Plug & Play Pilot Coater is a comprehensive R&D tool that includes two unwinds, electrically heated convection dryer, dry bond laminator, chill rolls, and rewind, all with a fully integrated drive and control system. Optional coating modules are easily interchangeable, and the LabMaster can be configured for a variety of coating processes that satisfy a broad range of product applications.

The base LabMaster configuration includes a single-zone 3-meter dryer, and up to two additional 3-meter dryer zones can easily be added to the system at any time. The LabMaster's modular design minimizes installation time and cost while maximizing configuration flexibility. The LabMaster can process webs up to 356 mm wide, accommodate material rolls up to 300 mm OD, and run at speeds up to 30 m/min.

The LabMaster excels as a narrow web production machine for products and processes which fall within the capability of the design.

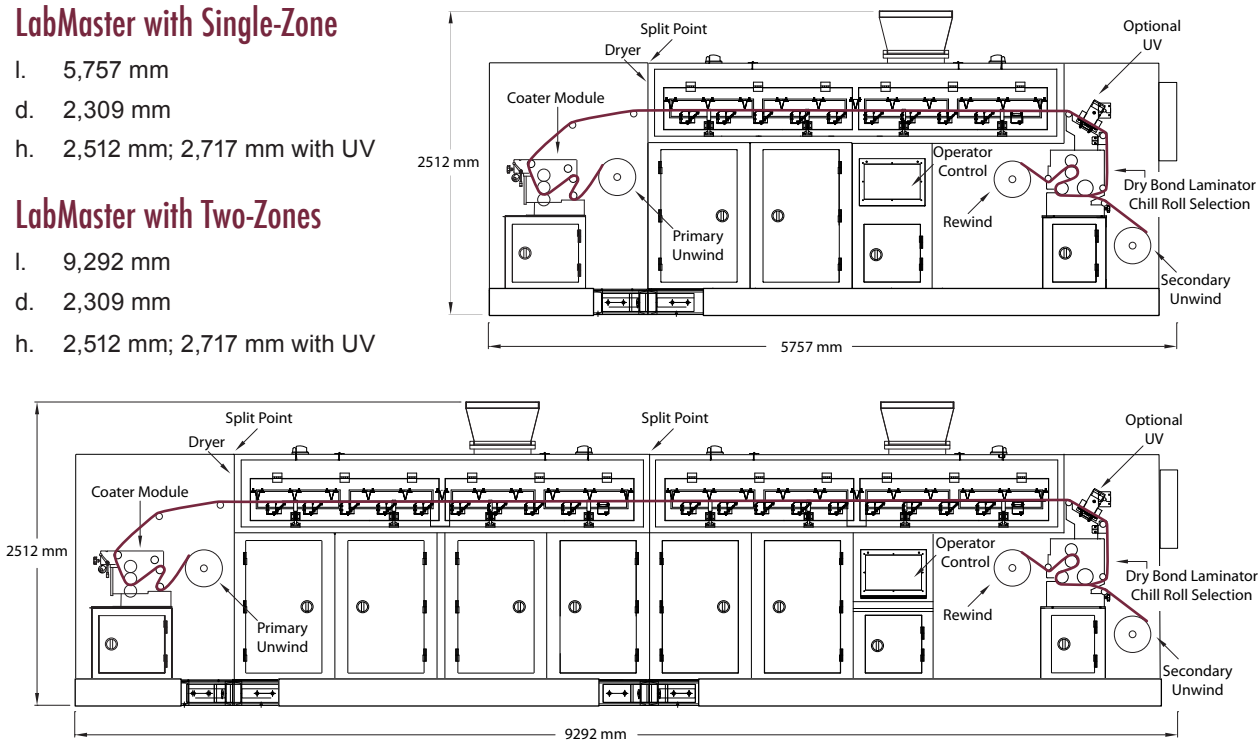
FLEXIBLE DESIGN ALLOWS FOR ADDITION OF MODULES

LabMaster with Single-Zone

- l. 5,757 mm
- d. 2,309 mm
- h. 2,512 mm; 2,717 mm with UV

LabMaster with Two-Zones

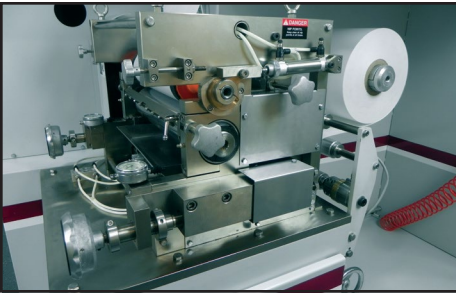
- l. 9,292 mm
- d. 2,309 mm
- h. 2,512 mm; 2,717 mm with UV



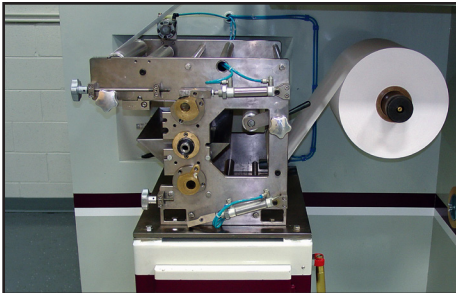
Expandable Modular System is Configurable for a Single-Zone, Two-Zone, or Three-Zone Dryer

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.

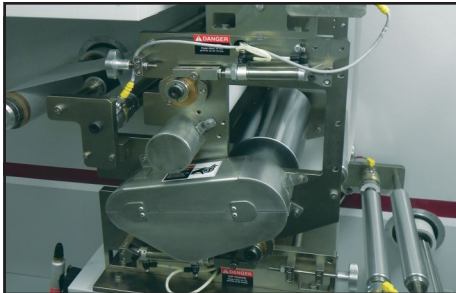
COATING & LAMINATING MODULES



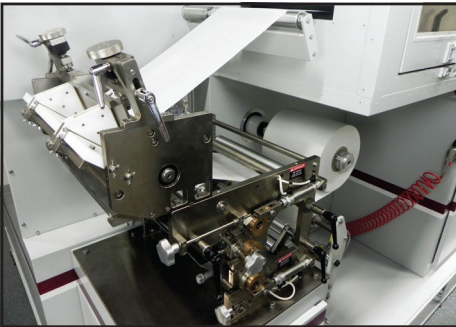
Reverse Roll Coater Module



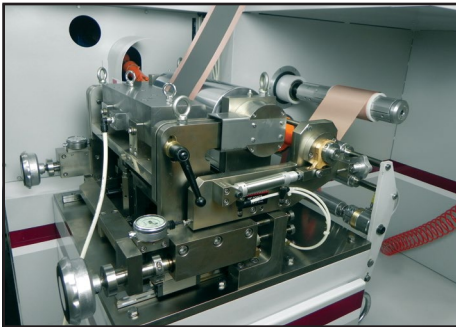
Roll Coater Module



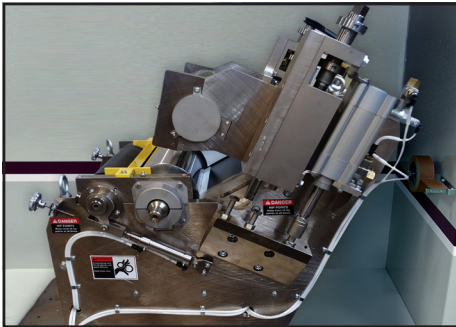
Dry Bond Laminator



Knife Over Roll Module

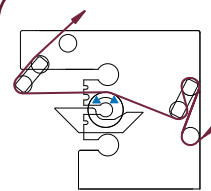


Slot Die Coater Module

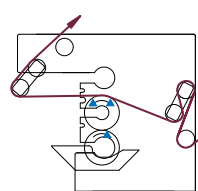


Comma Coater Module

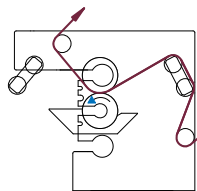
COATING & LAMINATING METHODS



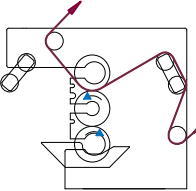
ONE ROLL SMOOTH
KISS-FORWARD/REVERSE



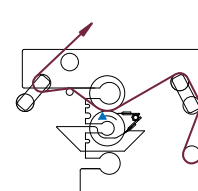
TWO ROLL SMOOTH
KISS-FORWARD/REVERSE



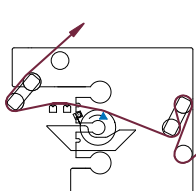
TWO ROLL SMOOTH
NIP-FORWARD



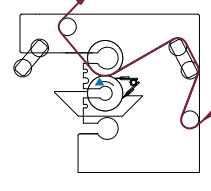
THREE ROLL SMOOTH
NIP-FORWARD



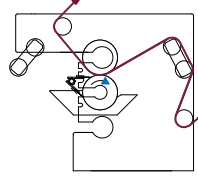
POLISHING BAR



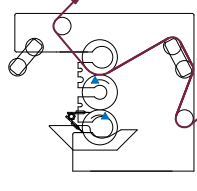
MAYER ROD



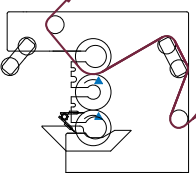
DIRECT GRAVURE
FORWARD



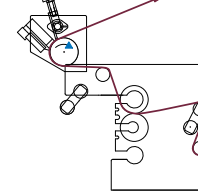
DIRECT GRAVURE
REVERSE



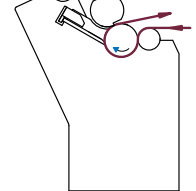
OFFSET GRAVURE
FORWARD



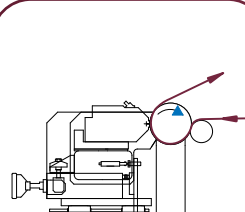
OFFSET GRAVURE
REVERSE



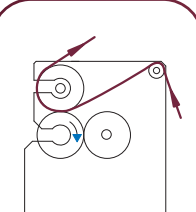
KNIFE OVER ROLL



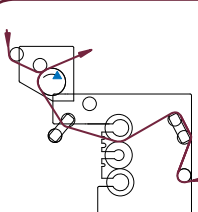
COMMA ROLL



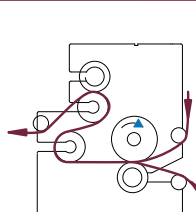
SLOT DIE



REVERSE ROLL



WET BOND LAMINATOR



DRY BOND LAMINATOR

LABMASTER BENEFITS

- Pre-engineered for lowest cost and quickest delivery.
- Preamsembled — minimal installation costs.
- Unitized frame —simple mechanical connections, easy to transport and relocate.**
- Plug & Play features reduce facility modifications with a single-point interface for electrical, exhaust, and compressed air.
- Wide selection of coating and laminating methods that can be added in the future.

LABMASTER CAPABILITIES*

- Paper, film, foil, non-wovens
- Water, solvent, or hot-melt coating
- Dry and wet bond laminating

LABMASTER SPECS

- Includes Two Unwinds, Dryer, Laminator with Chill Rolls and Rewind with Integrated Drives and Controls.
- Materials: Paper, Film, Foil, Non-wovens
- Coat Width: Up to 300 mm
- Speed: Up to 30 m/min.

OPTIONS

- Gravure Coater
- Slot Die Coater
- Comma Roll Coater
- Knife Over Roll Coater
- Reverse Roll Coater
- Spray Coater
- Flexo Printer
- Rotary Screen Printer
- Immersion Tanks
- Wet Bond Laminator
- UV Curing
- Corona Treater
- Static Eliminators

* Optional equipment may be required.

** Single-Zone system ships in two sections. Two-Zone system ships in three sections.