

HYBRID-X

The Versatile Multilayer
Coating Machine

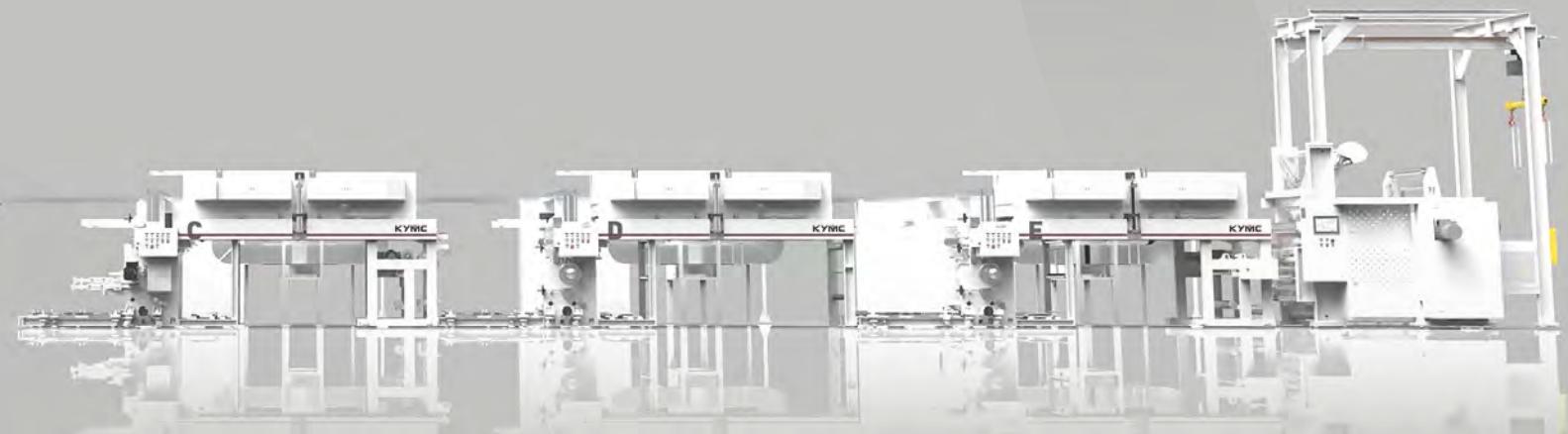


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KYMC



HYBRID-X



■ Versatile Design to meet your Diverse Production

Our cutting-edge Multi-Function Coating System, meticulously engineered to meet the diverse needs of multi-layer coating applications. Designed specifically for products requiring multiple coating layers, this versatile machine revolutionizes the coating process, offering unprecedented flexibility and precision.

One of the standout features is the ability to interchange between flexo and gravure trolleys in different coating units, to accommodate different adhesives. With our versatile platform, you can easily switch between different coating materials, allowing for seamless integration into your production processes. But that's not all – our Multi-Function Coating System comes equipped with a diverse range of drying and curing systems, catering to various coating materials and application methods. From UV curing to infrared drying, our system provides customizable solutions to suit your specific requirements, ensuring efficient and effective coating processes.

Experience the future of coating technology with our Multi-Function Coating System – where versatility meets precision to elevate your products to new heights of quality and performance.



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Specifications

Number of Coating Units

3 / 4 / 5 / 6

Max Machine Speed	m/min ft/min	150 / 250 492 / 820
Material Width	mm inch	670 / 870 / 1070 / 1270 / 1370 / 1570 26.4 / 34.3 / 42.1 / 50 / 53.9 / 61.8
Coating Width	mm inch	600 / 800 / 1000 / 1200 / 1300 / 1500 23.6 / 31.5 / 39.4 / 47.2 / 51.2 / 59.1
Roll Diameter	mm inch	800 / 1000 31.5 / 39.4
Repeat Length	mm inch	360 - 800 14.2 ~ 31.5

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Standard Specification

- Non-Stop Turret type Splicing Design for Unwind and Rewind.(Butt Splice design is available as optional)
- Trolley design Flexo/Gravure coating units, interchangeable between coating units.
- Glue / Adhesive supplying system included.
- High efficiency Drying system with Temp. control. (Hot air / IR / UV available)
- Automatic line speed and tension control
- Pulling units
- Turn bar
- Automatic edge guiding system
- Units bypass path

Automation:

- Auto speed and tension control on coating station and all winders.
- Centralized control and monitoring system with clear structured graphics for easy operation.
- Machine functions are PLC controlled, user friendly touch screen operation.
- Job memory (Recipes) with auto machine pre-setting for coating weight and running tension.



Operation Comfort

- Integrate with the current machine's touch screen interface or independent touch screen for operational control.
- User friendly layout screen control

Remote Service Assistance

- 24/7 machine online diagnostic system
- Exclusive PLC Network Connection Technology to achieve deep online diagnose and prompt remote-maintenance.

Industrial I4.0

- OPC UA Data Exchange Protocol for communication between devices, machines and enterprise systems (ERP, SCADA, CRM...etc)
- Remote HMI monitoring via mobile devices

Safety

- Compliant with Conformité Européene or Australian Standard
- Certification service available with CSA, NEC and IEC



Application

- Paper

Barrier coating, Labels, Paper Receipts, Medical packaging

- Film

Functional substrates, Food packaging, Industrial packaging



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