

*The first name in sample
preparation equipment*



ROTARY KOATER



Above: The Rotary Koater

Below: Detail of Rotary Koater control panel



Designed to print, coat or laminate almost all types of flexible webs such as papers, films and metallic foils, on a reel to reel basis. This machine is very versatile, with the customer choosing the base unit, and individual printing or coating techniques and drying equipment or other accessories required. This is particularly useful for R & D, quality control and for small scale production for a low volume of a specialised product. All materials used are easily cleaned and resistant to solvents.

MAIN FEATURES

- Versatile and easy to install
- Coating and printing systems easily interchangeable
- Offers hot air, infra red and ultra violet drying/curing
- Web widths up to 305mm, with a speed range of 0.4 to 100 metres per minute

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Optional Equipment

Optional equipment that is available:

DRYING/CURING SYSTEMS

Hot Air Impingement Dryers

Electrically heated with temperatures ranging up to 200°C

Drum Drying Unit

Teflon sleeved drums provide thermostatically controlled temperatures of up to 150°C

Infra Red

Infra red drying systems

Ultra Violet

Drying systems which may be mounted in any position on the machine

Chill/heated/spreader rollers available

Corona treater

All other printing and coating techniques available

A fully detailed brochure of the Rotary Koater is available on request for more information. We also make custom built systems to meet our client's requirements when necessary.



SPECIFICATION

From 200 Kgs

From 2 x 1m footprint



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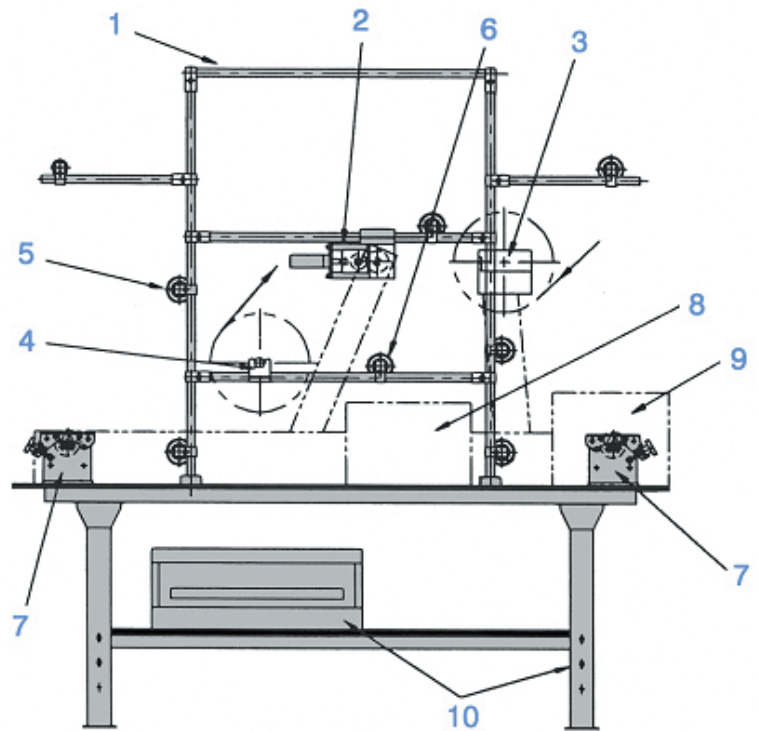
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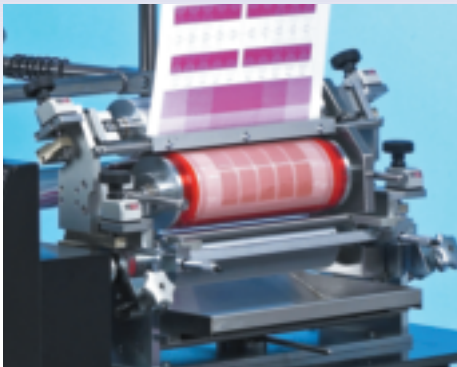
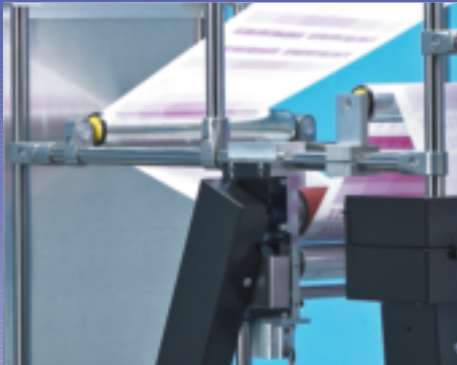
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BASE UNIT



Description:

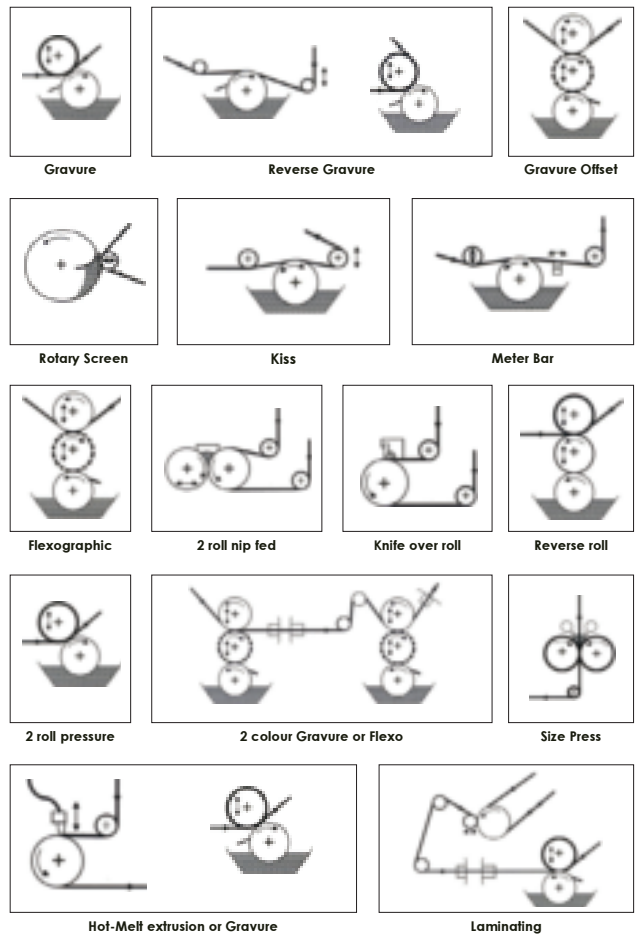
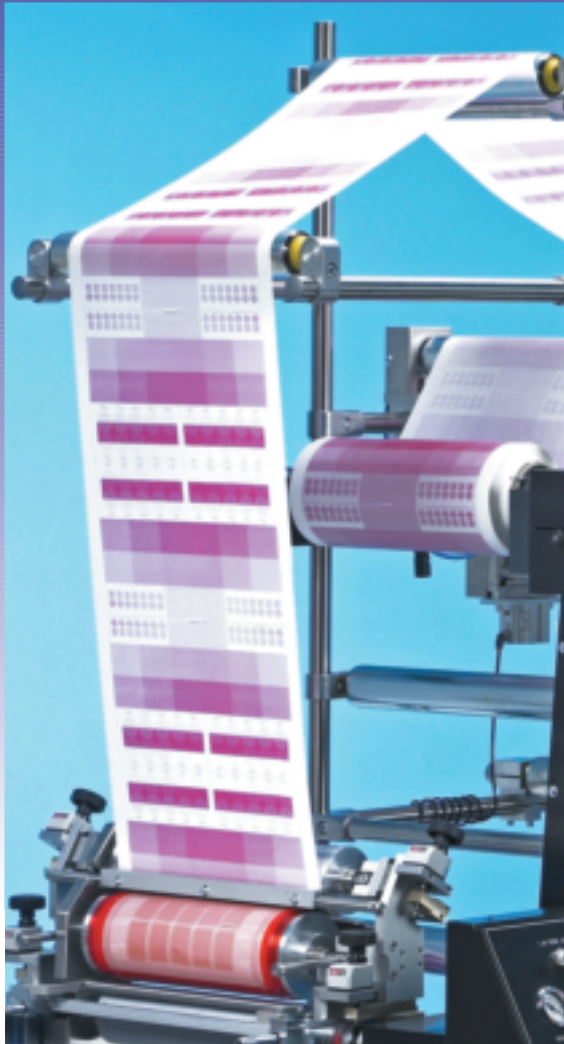
- 1 Tubular stainless steel frame
- 2 Pneumatic laminating or pull-off station
- 3 Pneumatic rewind station (reversible rotation)
- 4 Unwind station with manual brake
- 5 Idler rollers, nominal diameter 50mm
- 6 Web speed display (m.p.m.)
- 7 Mounting stations for coating/printing heads
- 8 Variable speed A.C. motor
- 9 Control console
- 10 Bench assembly with accessory drawer



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PRINTING/COATING TECHNIQUES

A selection of standard printing/coating processes available is shown below. Customised equipment can also be quickly designed and built to meet customer requirements.



The Versatile Converting Machine

An alternative to the Rotary Koater is the Versatile Converting Machine. The VCM is built using the same concepts as our Rotary Koater, an open framework on which various assemblies can be fitted. Unlike our Rotary Koater where there are certain standard design constraints, the VCM is custom designed and manufactured allowing either simple, single processes or more complex configurations using multiple coating stations, to be readily attained.