

DRYING/CURING SYSTEMS

HOT AIR IMPINGEMENT DRYERS

Using a modular design, up to 4 modules can be fitted onto the base unit. They are electrically heated, temperature range up to 200°C. Non-flameproof or intrinsically safe systems are available.

DRUM DRYING UNIT

Consists of twin 150mm diameter Teflon sleeved drums, fitted with 3kw electric heating elements to provide thermostatically controlled temperatures up to 150°C.

INFRA-RED

A set of 3 x 1kw lamps can be housed in each impingement module. Single or multi-lamp I.R. units also available with convenient space frame clamps.

ULTRA VIOLET

This compact lamp head (160w/cm) can be mounted in any position on the machine. It is supplied complete with trolley mounted control gear, exhaust fan, ozone filter and (if required) nitrogen purging of curing zone.

AUXILIARY EQUIPMENT

Optional equipment includes chill rollers, heated rollers, spreader rollers, edge guider, corona treater and all items normally available for printing and coating machinery.

SPECIAL APPLICATIONS

We have made many custom built systems to meet our client's requirements for both testing and production machines. Using computer aided design we are able to quickly design and build customised equipment.

FURTHER LITERATURE

A fully detailed brochure on the Rotary Koater is available. Comprehensive installation/working instruction manual with each machine. Leaflets on other RK products supplied on request.

DEMONSTRATION FACILITIES

A Rotary Koater is permanently installed at our works for your inspection/trial runs.



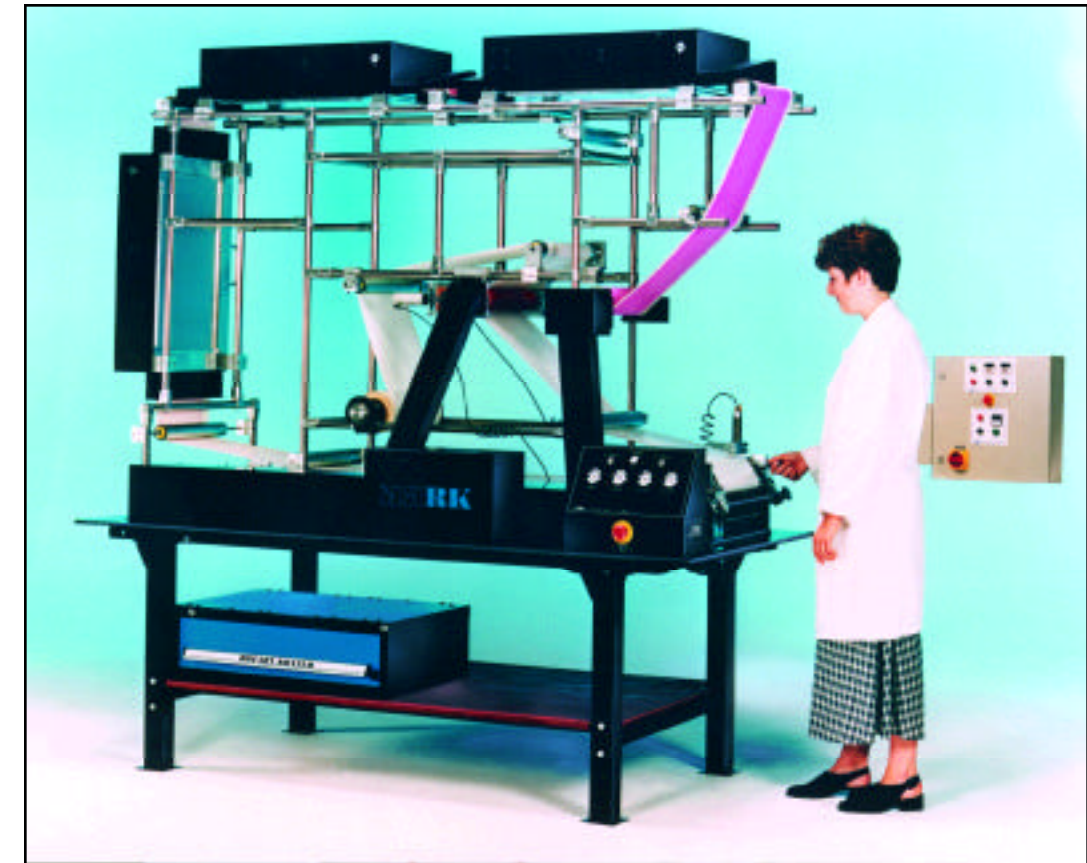
Due to continuous product improvement, we reserve the right to alter specification without notice.

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ROTARY KOATER

THE RK ROTARY COATING, PRINTING, LAMINATING MACHINE

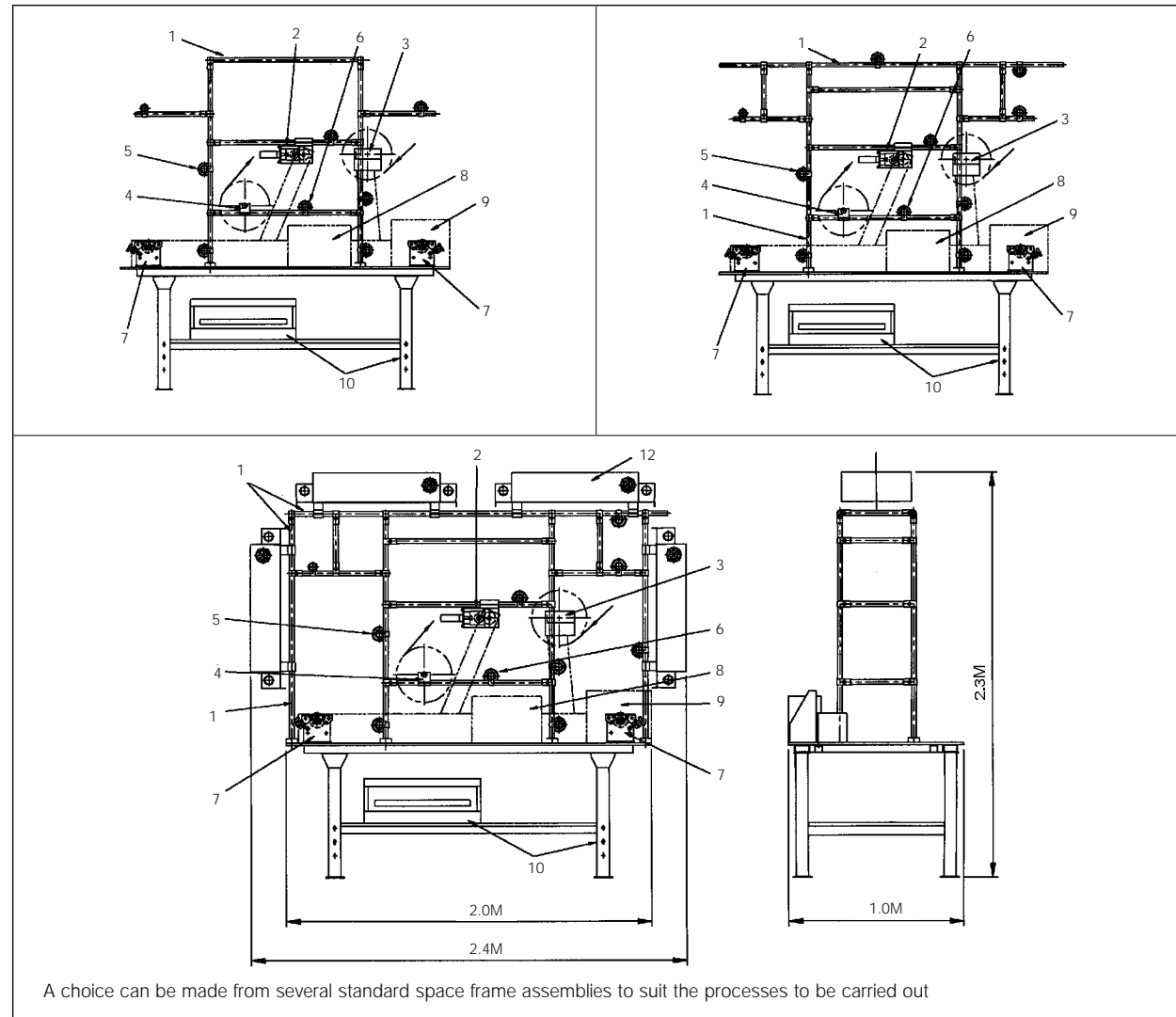
for: RESEARCH & DEVELOPMENT
 QUALITY CONTROL
 SMALL SCALE PRODUCTION



MAIN FEATURES

- Easy to install and operate and extremely versatile.
- Web widths up to 305mm. Speed range 0.4 to 90 metres per minute.
- Coatings and printing system changes in minutes.
- Excellent product visibility due to unique framework.
- Hot air, infra red, ultra violet drying/curing.

BASE UNIT



THE BASE UNIT COMPRISES

1. Tubular stainless steel space frame mounted on phenolic resin plinth.
 2. Pneumatically operated laminating or pull-off station.
 3. Rewind station (reversible rotation) driven via pneumatic clutch.
 4. Unwind station with manually operated brake. Additional stations fitted when laminating.
 5. Idler rollers nominal diameter 50mm.
 6. Web speed display (m.p.m.)
 7. One or two coating stations for mounting coating/printing heads.
 8. Main drive assembly employs a variable speed D.C. motor (non-flameproof or flameproof available).
 9. Control console.
 10. Bench assembly with lockable tool accessory drawer.
- OPTIONAL EXTRA EQUIPMENT
11. Web run extension frames available as an option to extend space frame.
 12. Hot air impingement dryer shown. Drum dryers, infra red and ultra violet equipment also available. See back page.
 13. Further auxiliary equipment is listed on the back page.

BASE UNIT
 +
 COATING/PRINTING PROCESSES
 +
 DRYER & ACCESSORIES
 =
 CUSTOMISED COATING MACHINE

PRINTING/COATING TECHNIQUES

A SELECTION FROM STANDARD PRINTING/COATING PROCESSES AVAILABLE

Customised equipment can also be quickly designed and built to meet customer requirements

