

# SIRIUS TSB

Cost-effective, versatile, user-friendly,  
no changepart labeling system

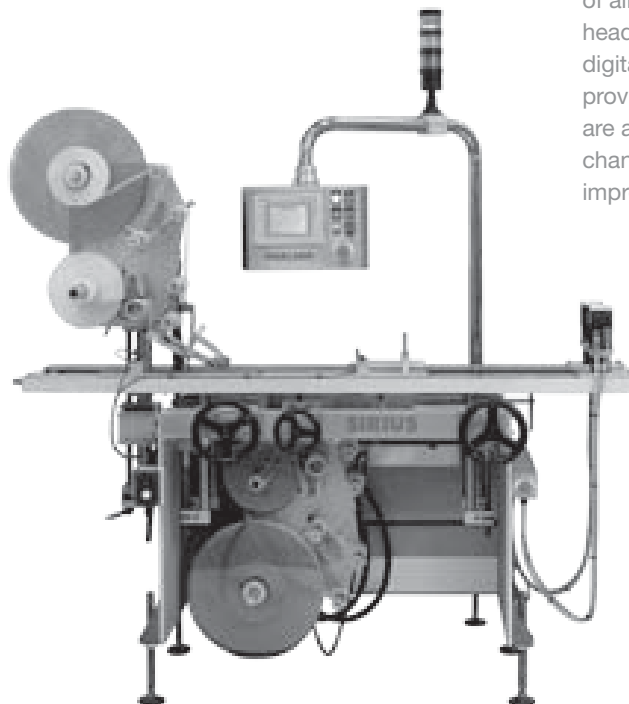


Packed with the latest technology for  
even greater production line benefits.

'Sirius' TSB is part of the family of labeling systems that have been designed to meet the most stringent GMP requirements as well as addressing the need to handle a wide variety of product and label shapes. The 'Sirius' TSB is specifically designed to apply top and/or bottom labels utilizing a twin belt product handling system.

## Enhanced Features

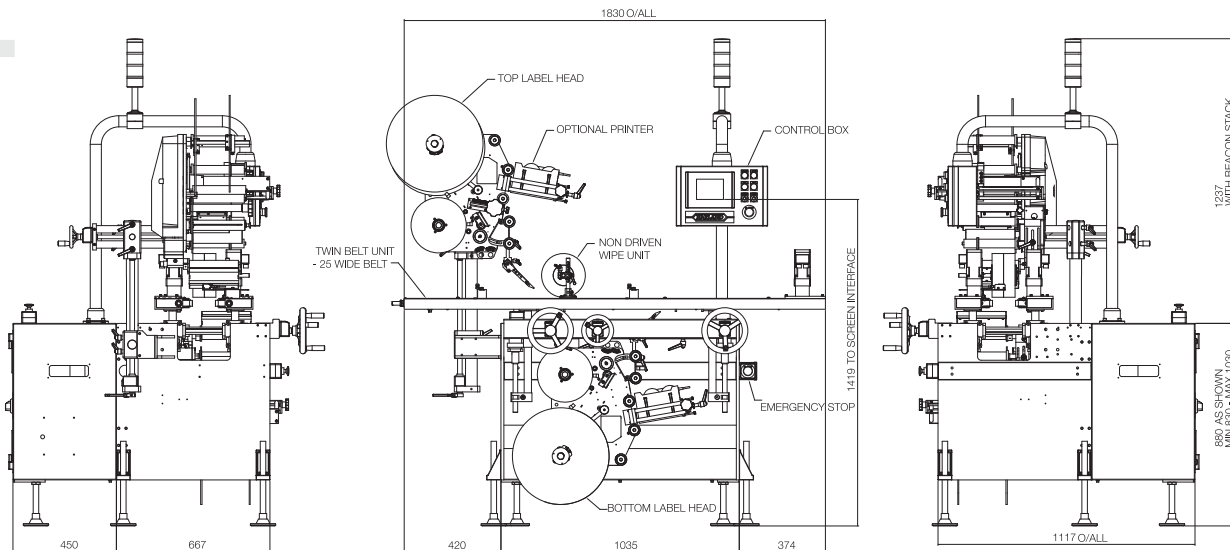
- **Motion control system** provides increased labeling accuracy coupled with absolute speed matching to cope with variable speed demands of today's packaging lines.
- **Enhanced control system** incorporating single touch screen user interface provides a very high level of user diagnostics. The unique software enables quick set-up times between product changeover and is self-monitoring to provide optimum reliability. This reduces the skill level required for operation and maintenance.
- **Fully integrated inspection systems** to identify label and/or overprint presence; barcode readability is available and easily incorporated. Also available is the integration of a vision system capable of identifying label position on the product plus the correct lot/expiration data.
- **Modularized transmission system** utilizing the latest technology ensures that the 'Sirius' provides the optimum level of flexibility and reliability for all current and future labeling requirements.
- **User-friendly controls** simplify vertical and horizontal adjustment of all modules and label applicator heads, which combined with digital positional indicators provide repeatable settings and are a major factor in reducing changeover times and hence improve line efficiency.



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(All dimensions in mm)

## Technical Specifications

- **Base Unit:** Fabricated open frame base unit supporting a twin side belt system driven by servo motors.
- **Infeed Unit:** Scroll.
- **Label Head:** Label head speed motion controlled and stepper motor driven up to 28.5m/min.
- **Conveyor/Product Transfer:** 1830mm twin side belt unit with options of belt thickness to suit the application, with speeds up to 25m/min.
- **Finishing Units:** Non-driven and driven wipedown rollers.
- **Overprint Unit:** Hot foil, deboss, thermal transfer, inkjet and laser codes can be fitted to this system.
- **Ancillary Equipment:** A wide range is available including pharmaceutical security systems, infeed/outfeed monitoring systems.
- **Capacities:** As standard.
- **Speed:** Up to 300ppm (subject to application).
- **Product:**  
Max - Minimum Height 300mm - 30mm.  
Max - Minimum Width 200mm - 20mm.
- **Label:**  
Max - Minimum Web Width 155mm - 13mm.  
Max - Minimum Label Length 330mm - 10mm.
- **Max Reel OD** 400mm.
- **Nominal Reel ID** 76mm.
- NOTE: Up to 265mm web width as an option at extra cost.
- **Electricity Supply:** 220/240V single phase AC, 50/60Hz. Special electrical options available on request.
- **Air Supply:** Air required for some overprinters and security systems.
- **Weight:** As standard 300kg.

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