

# MERCURY

Linear high-speed labelling system

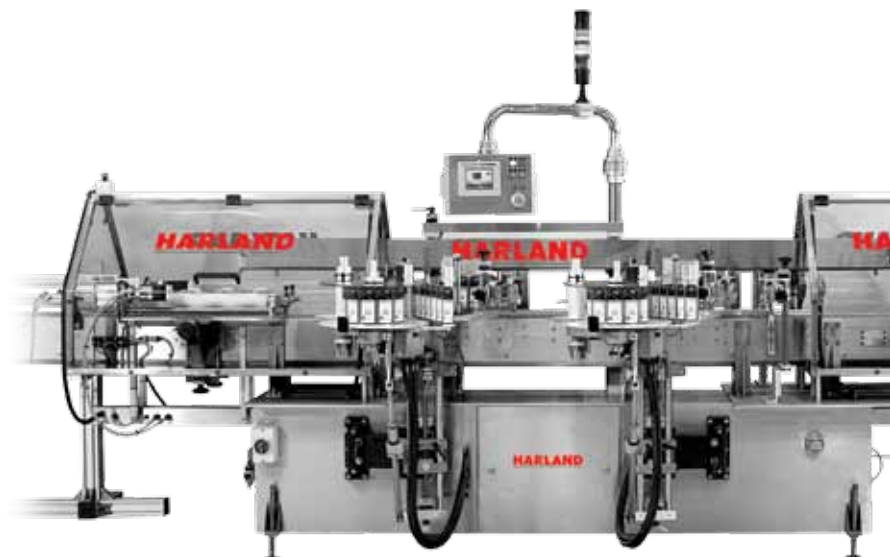


The 'Mercury' is the latest development in the Harland Linear Series of labelling systems. The system has been designed for production lines that have a high throughput speed requirement and the need for zero downtime production.

This 4 or 2 station system can apply front and back labels to any shape of plastic bottle/container at speeds up to 250ppm and fits nicely in the Harland family of labellers, between the well proven 'Sirius' system and ultra high speed 'Titan'.

## Enhanced Features

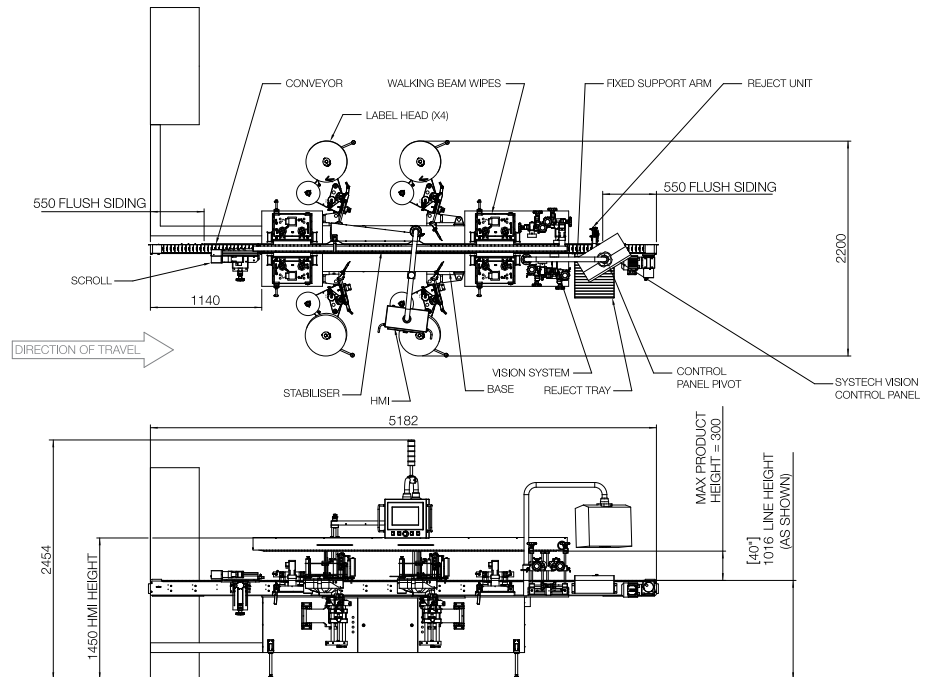
- **Quick and easy changeover** between different products is provided by the use of retractable labelling heads that swing out easily when splicing, replenishing or changing label reels; thus minimising line downtime. Further enhanced by colour-coded change parts.
- **Enhanced control system** incorporating 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 and operational efficiency.
- **Heavy-duty linear modular construction** reducing maintenance and changeover costs. Also vital in relation to ease of repairs and servicing. Easily integrated into existing production lines.
- **Innovative wipedown module** ensures labels are efficiently smoothed to exactly and accurately match the contours of even the most challenging containers and bottles. Optional product handling pucks are available for correctly presenting the most complex of shapes.
- **Fully integrated inspection/vision systems** provide detection for label verification and presence, accuracy of position and alignment, barcode reading, evaluation and verification.



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Plan View  
(All dimensions in mm)

## Technical Specifications

- **Base Unit:** Stainless steel unit, available with 2 or 4 label stations.
- **Infeed Unit:** Single scroll, twin scroll, infeed wheel, and/or centering units.
- **Label Head:** Motion controlled with stepper and servo motor options.
- **Stabiliser:** Horizontally mounted servo driven unit.
- **Conveyor:** 4500mm-5000mm long, 82.5mm Delryn slatband.
- **Finishing Units:** Servo-driven walking beam, powered wipedown rollers.
- **Overprint Unit:** Hot foil, deboss, thermal transfer, inkjet and laser coders.
- **Ancillary Equipment:** A wide range is available including – product and label counters, infeed/outfeed monitoring controls. Pharmaceutical security system. Integral vision system with single point interface.
- **Capacities:** As standard.
- **Speed:** Up to 250ppm (subject to application).
- **Product:**
  - Max - Minimum Height 425mm - 20mm.
  - Max - Minimum Width 100mm - 15mm.
- **Label:**
  - Max - Minimum Web Width 155mm - 265mm.
  - Max - Minimum Label Length 330mm - 10mm.
- **Max Reel OD:** 400mm.
- **Nominal Reel ID:** 76mm.
- **Electrical Supply:** 220/240V Single Phase AC, 50/60Hz subject to validation.
- **Weight:** As standard 700kg.

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We operate a continuous development programme of the Harland Labelling Systems range and therefore reserve the right to change specifications without prior notice. Issue date: Jul 12 Version No. 4

