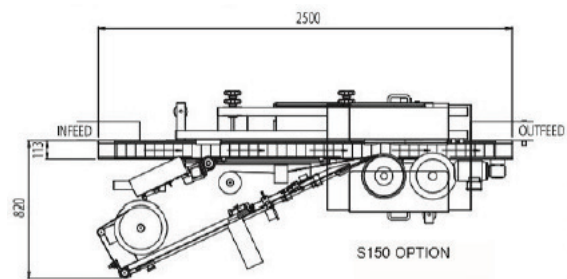# NEWMAN

S150 Labelling System

A fully automatic, self-adhesive labelling system for cylindrical, rectangular, square and oval containers

- Outputs up to 150 c.p.m
- Virtually no change parts
- Highly accurate label placement
- Numerous options to suit budget and specification

NEWMAN

S150 Labelling System

Label application station

Description

The S150 Is a fully automatic, self-adhesive labelling system for the application of paper and clear self-adhesive labels to a wide range of products including cylindrical, rectangular, square or oval containers, in glass, plastic or composite materials. The S150 range is designed for maximum versatility, offering the capability to label containers from 10mm dia. to 150mm dia. with minimal change parts.

The S150 has been specifically designed to meet the requirements of the international pharmaceutical industry and the requirements of all the industry's regulatory bodies, including the FDA, but is equally suited to other industries where flexibility, high speed accuracy and reliability are pre-requisites.
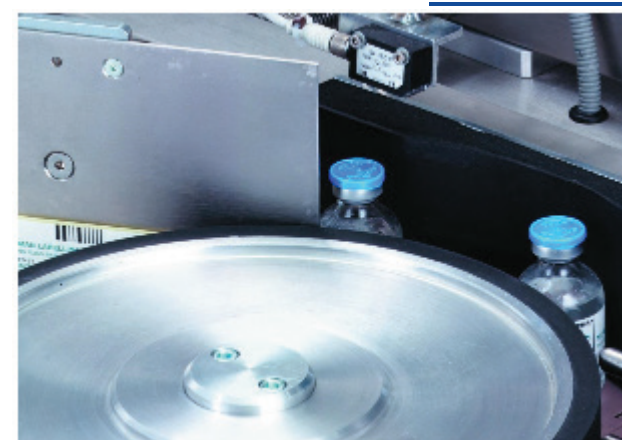
Operation

A variable speed roller at the infeed spaces the containers entering the machine. Each individual container is detected at the labelling point as it passes a sensor, at which point the label feed Is activated. The leading edge of the label is driven off the backing web at a linear speed that matches the container speed; this ensures smooth, accurate placement on the container surface. The container, gripped between an applicator drum and presser pad, is controlled as the label is pressed firmly In place, ensuring high registration accuracy.

Features

- Stainless steel construction
- Interlocked guarding
- cGMP design
- Stepper motor drive for label web
- Straight label arm, adjustable in all axes
- Full variable speed drives
- Hand wheel adjustment
- Left or right label formats available
- Simple container change, usually without change parts
- Accurate label placement
- Colour touch screen display
- Allen Bradley or Siemens PLC controls

Options

- Hot foil, thermal, laser and inkjet printing options
- Missing overprint detector
- Missing label detector
- Bar code reading systems
- Vision Systems
- Rotary infeed & outfeed tables
- Secondary presser unit
- Reject station for missing label, faulty / missing overprint and barcode with reject verification
- Validation documentation package and implementation
- Easisplice 470 module enables reel changes without labelling downtime
- Queue switch control
- Faulty Label removal Unit

Standard Specification

Container Diameter	10mm-150mm
Label min	10mm (H) x 20mm (L)
Label max	150mm (H) x 300mm (L)
Max. label reel diameter	300mm
Min core diameter	42mm
Speed	Variable up to 150 CPM
Net weight:	300 kg
Electrical supply:	230V-1Ph-50Hz, 1KW(60hz option)
Compressed air:	60psi / 4.2 bar
Noise emissions	<75dB @ 1m (subject to container type)