

NeedleSearch Conveyor

www.hcl-asia.com.hk

Versatile, proven metal detection systems for the textile and footwear industries



- · Versatile Range aperture sizes to accommodate all types of garments and footwear
- Easy to use Intuitive touch screen with up to 50 product memories, bar code reader option
- · Sensitive Designed for industry standard pin-head detection in garments and footwear
- · Stable Unique search head design and filtering provides high levels of noise immunity
- · Reliable High quality industry proven electronic components and conveyor parts

Metal Detection

X-ray Inspection

Checkweighers

Data Capture







NeedleSearch Detectors

Finish: Search Head - Aluminium with painted finish

Conveyor - Stainlesss steel with bead blast finish

Standard Line Height: Wheels: 855mm +/- 50mm 34" +/- 2"

 System Length:
 2,000mm
 79"

 Belt Width:
 500mm
 20"

Drive: Fixed speed AC motor @ 27m/min 90ft/min

Supply Voltages: 220V 1ph N+E or 110V 1ph N+E

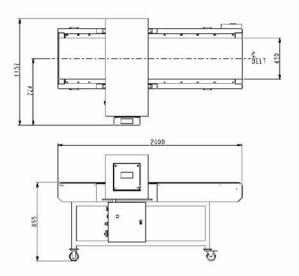
Reject Types: Stop on detect with alarm

Protection: IP 54

Belt Type: Flat White PU Belt

Options: Bar code reader, Product counting sensor,

Network interface



Technical Specification

AM model for detection of all metals

FM model for detection of ferrous needles when the product has non ferrous metal present, e.g. zippers and fasteners

Classification of metal type

Auto self check

Electronic reset

Multi-lingual display

Full diagnostic messaging

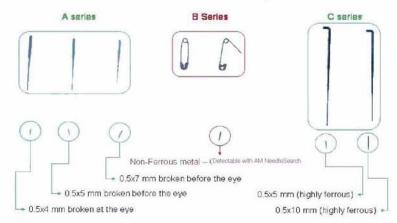
Battery back up of stored data

Date and time stamped reject statistics

AM aperture sizes FM aperture sizes

550 x 125mm 550 x 125mm 550 x 175mm 550 x 175mm 550 x 229mm

Broken Needle Examples



LCD control panel



Loma Systems, Summit Ave, Southwood, Farnborough, Hampshire, GU14 0NY

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