

Barrington Packaging Systems Group

Integrated Packaging Equipment, Materials, Production Services and Marketing Support

Metal
Detectors

BPS-SBI-12007 Extra Wide Belt Metal Detector

Sensitive Metal
Detection with
Extra Wide
(48") Belt



The Barrington Two-Year
Warranty covers all parts, all
labor, and two preventative
maintenance/calibration service
calls per year.

FEATURES

- Extra wide belt will hold quarter sheet, half sheet, and full sheets.
- On-line detection at high speed.
- All stainless steel construction.
- State-of-the-art digital signal processing technology
- Touch screen display. Up to 3 screen languages.
- Adjustable conveyer belt speed. Easy to disassemble and clean.
- 32 product profiles can be stored in memory.
- Self-learning function for easy operation procedures.
- Anti-interference technology to suppress outside noise and other interference.
- Conveyer stops when there is a warning signal.
- Multiple acoustic-optical signal indicating functions.
- Self-diagnosis with automatic shutdown.
- Data statistics function. Data of non-conforming products can be recorded.

TECHNICAL SPECIFICATIONS

Detection Method:	Electromagnetic Induction
Tunnel Size (WxH):	1200mm x 75mm 47.2"x 2.95"
Detection Accuracy*:	FE ϕ 1.0mm SUS304 ϕ 158mm Non Fe ϕ 1.2mm
Belt Speed:	Up to 25m/min. - 82 feet/min.
Belt Material/Width	PU White Belt - 1200mm/47.2"
Conveyer Length	1500mm / 59.1"
Power:	220VAC 50Hz 1ph
Working Temperature:	-5°-40°C (23°-104°F)
Weight:	200Kg /441lbs
Footprint:	
Length:	1500 35.6"
Width:	1570 27.8"
Height:	1280 41.9"
Conveyer Height:	700-800mm 27.6"-31.5"
Conveyer Belt Size	900 x 250mm 35.4" x 9.8"
Rejection Method	Flapper and sound alarm
Compressed Air:	3kg/cm ²

* Actual measurement accuracy depends on size and products being detected.

Barrington Packaging Systems Group, Inc.

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