

# HI-SCAN 130130T-2is HD

## Heimann X-Ray Inspection System

NEW: Heavy Duty Roller Conveyor—Maximum load 3500kg (1000 kg/m)

### Feature Highlights:

- Heavy Duty roller conveyor, maximum load 3,500 kg (1000 kg / m)
- Ideal method of inspecting euro pallets and freights
- Dual view concept shortens inspection times
- Easy handling of heavy objects due to low conveyor belt
- HiTraX technology employing real time image processing
- HI-MAT Plus technology for better material distinction
- Ergonomically designed operating console features user-definable key functions
- Integral network interface
- External ventilation access for extended temperature range by means of external cooling



The **HI-SCAN 130130T-2is HD** for freight and euro pallets. It is equipped with two generators beaming in two directions (dual view). The second beam direction is displaced at 90° and thus facilitates reliable inspections of even tightly packed objects in only one process while shortening inspection times and increasing the effectiveness of the procedure.

The heavy duty roller conveyor allows the handling of heavy loads up to 3,500 kg and therefore ideally suits the requirements for the inspection of heavy goods. The rugged conveyor design facilitates the use of forklifts and other heavy equipment to handle the goods to be inspected.

# Technical Information HI-SCAN 130130T-2is

## General Specifications

- Tunnel Dimensions 1310 (W) x 1260 (H) [mm] • 51.6" (W) x 48" (H)
- Max. Object Size 1300 (W) x 1240 (H) [mm] • 51.2" (W) x 47.2" (H)
- Conveyor Height <sup>1)</sup> approx. 430 mm (16.9")
- Conveyor Speed typical 0.2 [m/s]
- Max. Conveyor Load (evenly distributed) max. 3,500 kg / 7700 lbs. (1,000 kg/m / 671 lbs/ft)
- Resolution (wire detectability) <sup>2)</sup> standard: 36 AWG (0.13 mm) • typical: 38 AWG (0.1 mm)
- Penetration (steel) <sup>2)</sup> standard (view A): 32 mm • typical (view A): 35 mm  
standard (view B): 27 mm • typical (view B): 30 mm
- X-ray Dose / Inspection (typical) standard: 1.6  $\mu$ Sv (0.16 mrem) • with HI-MAT: 3  $\mu$ Sv (0.3 mrem)
- Film Safety guaranteed up to ISO 1600 (33 DIN)
- Duty Cycle 100%, no warm-up procedure required

## X-ray Generator

- Anode Voltage • Cooling 160 kV cp • hermetically sealed oil bath
- Beam Direction VA: diagonal from side / VB: diagonal from top to bottom

## Image Generating System

- X-ray Converter L-shaped detector line
- Grey Levels Stored 4096
- Image Presentation B/W, color
- Digital Video Memory 1280 x 1024 / 24 bit
- Image Evaluation Functions VARI-MAT, O<sup>2</sup>, OS, HIGH
- Monitor Flat Panel LCD Monitor

## Additional Features

- Functions fading-in of date/time, luggage counter, user-id number, luggage marking system (acoustic), display of operating mode, Review-feature (to recall previously visible image areas), zoom overview, free programmable keys, USB 2.0 interface, stepless zoom
- Options X-ACT, HI-TIP, HI-SPOT, SEN, XPlore, IMS (Image Store System - stores up to 100,000 images), Xport, Media Bay for RIDA (250 GB), CD/RW module

## Installation Data

- X-ray Leakage meets all applicable laws and regulations with respect to X-ray emitting devices
- CE-Labeling in compliance with guidelines 2004/108/EC, 2006/42/EC, 2006/95/EC
- Sound Pressure Level < 60 dB(A)
- Operating / Storage Temperature 32°F - 104°F / -4°F - 140°F (0° - 40°C / -20°C - +60°C)
- Humidity 10% - 90% (non-condensing)
- Power Supply <sup>3)</sup> standard: 230 VAC + 10% / -15% • 50 Hz / 60 Hz  $\pm$  3 Hz
- Power Consumption approx. 2.2 kVA
- Protection Class System IP 20 / IP 43
- Dimensions • Weight <sup>4)</sup> 5078 (L) x 2100 (W) x 2265 (H) [mm] • approx. 2,700 kg  
200" (L) x 82.7" (W) x 89.2" (H) • approx. 5952 lbs.
- Mechanical Construction steel construction with aluminum housing, mounted on roller castors  
standard color(s): RAL 7016 (dark grey), B11-W1 (blue)

<sup>1)</sup> approx. values (adjustable)

<sup>2)</sup> proprietary quality management test piece:  
steel step wedge, CU wires, belt speed 0.2 m/s

<sup>3)</sup> different values optional

<sup>4)</sup> without control desk, keyboard, monitor(s) etc.



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