



EMIS series CEIA

AUTOMATIC SCREENING DEVICES
FOR NON-METALLIC CARGO

- FULLY AUTOMATIC DETECTION OF INITIATORS AND METAL COMPONENTS OF EXPLOSIVE DEVICES
- IDEAL FOR INSPECTION OF PERISHABLE GOODS, NEWSPAPERS, ORGANIC PRODUCTS IN
- LOW-INTENSITY ELECTROMAGNETIC FIELD: USES NO IONIZING RADIATION
- NO DEDICATED OPERATOR NEEDED
- COMPLETELY SOLID-STATE CONSTRUCTION: NO PERIODIC MAINTENANCE OR CALIBRATION

The EMIS is designed to automatically detect detonators and metal components of explosive devices inside paper, newspaper, perishable goods such as produce, fish and meat (fresh or frozen) and organic material in general.

Electromagnetic inspection is the most suitable and quickest method for checking non-metallic cargo. The advanced technology employed in the EMIS minimizes the interaction with the goods themselves and does not depend on visual interpretation of an image by an operator.

EMIS models 110160, 130160 and 130200 are the first available automatic e.m. scanners for inspection of entire pallets of non-metallic cargo.

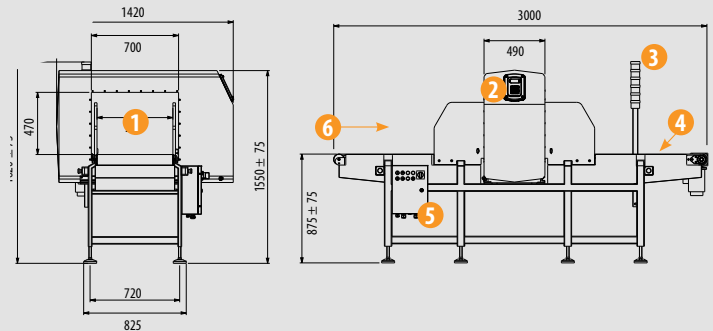
The EMIS 6047 and 8075 are intended for inspection of packages while the models 110160 and 130160 can analyze palletized cargo.

The EMIS 110160, 130160 and 130200 provide an automatic response based on pre-set threshold values being exceeded. The models can be used as a stand alone or in-line inspection device.

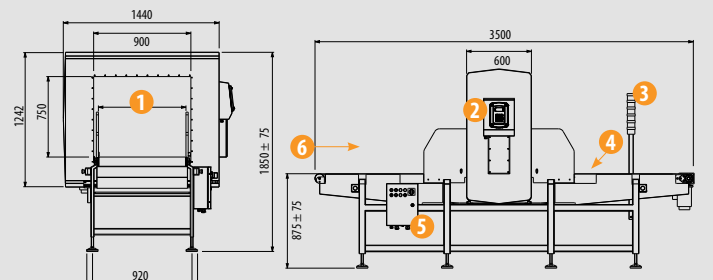


EMIS® SERIES IS AN ELECTROMAGNETIC SCANNER DESIGNED FOR THE INTERCEPTION OF DETONATORS AND METAL COMPONENTS OF EXPLOSIVE DEVICES PLACED INSIDE PERISHABLE PRODUCTS AND ORGANIC MATERIALS IN GENERAL.

EMIS® 6047



EMIS® 8075



1. Tunnel useful area:
 - 600 Mm x 470 mm (6047 model)
 - 800 Mm x 750 mm (8075 model)
2. Programming panel
3. Optical and acoustic alarm
4. Conveyor belt
5. Motor control unit
6. Entrance



EMIS series

CEIA

SPECIFICATIONS

| | |
|--|--|
| Analysis of containers of perishable goods and paper without metal content | |
| CEIA electromagnetic-profile analysis technology | |
| 0.5 ppm by weight Detection Sensitivity at maximum load (110160, 130160 and 130200 models) | |
| | 6047 model: 600 mm x 470 mm |
| | 8075 model: 800 mm x 750 mm |
| Tunnel useful area | 110160 model: 1100 mm x 1600 mm |
| | 130160 model: 1300 mm x 1700 mm |
| | 130200 model: 1300 mm x 2000 mm |
| Height of the conveyor belt | 6047 - 8075 models: 875 mm ± 75 mm adjustable |
| | 110160 - 130160 models: 735 mm min / 755 mm max |
| Maximum transport weight | 6047 - 8075 models: 135 ± 275 kg total (depending on the speed) |
| | 110160 - 130160 - 130200 models: 1500 Kg |
| Maximum pallets height | 110160 model: 1550 mm |
| | 130160 model: 1650 mm |
| | 130200 model: 1950 mm |
| Speed range | 20 to 50 m/min (6047 - 8075 models) |
| Inspection time | Less than 1 min (110160 - 130160 - 130200 models) |
| | Adjustable, up to 3,000 packs per hour (6047 - 8075 models) |
| Inspection capacity | Up to 60 pallets per hour with automatic loading/unloading pallet system (110160 - 130160 - 130200 models) |
| Power supply | 200-240 V, 50-60 Hz |
| Maximum current | 11.4 A (6047 - 8075 models) |
| | 20 A (110160 - 130160 - 130200 models) |
| Material | AISI 316L Stainless Steel |
| Protection degree | IP65 |
| Weight | 6047 model: 500 kg / 8075 model: 700 kg / 110160 model: 4000 Kg / 130160 model: 5000 kg / 130200 model: 5150 kg |

ENVIRONMENTAL DATA

- Operating temperature: -10°C to +50°C
- Storage temperature: -25°C to +70°C
- Relative humidity: 0 to 95% (without condensation)

CONFORMITY

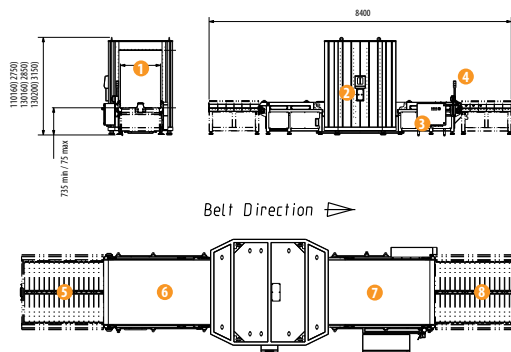
- Conforms to the international standards currently applicable for electrical safety and EMC, and to the applicable EC Regulations
- Complies with Regulations relating to pacemakers, defibrillators or other vital support systems, pregnant women and magnetic storage media (floppy disks, audio cassettes, video cassettes and similar)

APPLICATION

- Grains and animal feed, produce, perishables, bakery goods, dry goods
- Seafood and Meat
- Wearing apparel (without metallic accessories)
- Paper products, plastic, rubber
- Printed Material
- Flowers and herbs

EMIS® 110160 / EMIS® 130160 / EMIS® 130200

1. Tunnel useful area:
 - 1100 Mm x 1600 mm (110160 model)
 - 1300 Mm x 1700 mm (130160 model)
 - 1300 Mm x 2000 mm (130200 model)
2. Programming panel
3. Power supply and motor control unit
4. Optical and acoustic alarm
5. Entry roller conveyor
6. Entry conveyor structure
7. Exit conveyor structure
8. Exit roller conveyor



HTDS

Parc d'Activités du Moulin de Massy - 3 rue du Saule Trapu
BP246 - 91882 Massy Cedex France

Tel : +33 (0) 1 64 86 28 28 - Fax : +33 (0) 1 69 07 69 54 - info@htds.fr - www.htds.fr

HTDS Algeria : +213 232 384 01/02

HTDS Morocco : +212 222 749 59

HTDS Egypt : +202 229 053 06

HTDS Lybia : +218 91 69 50 70 8

HTDS Madagascar : +261 34 40 664 72

HTDS Tunisia : +216 70 836 961

