

GMD-T

Metal detectors with conveyor belt

DESIGNED WITH A MULTI-FREQUENCY INSPECTION SYSTEM CAPABLE OF DETECTING ANY TYPE OF METAL



GMD-T

METAL DETECTOR
METALS



Detects metal contaminants during the production process, improving control and traceability while reducing the risk of product recalls and non-compliance.



IFS/BRC COMPLIANCE KIT

- » **CALIBRATION** and conformity CERTIFICATES.
- » **INSTALLATION** and configuration PROTOCOLS according to IFS/BRC.
- » **MANUALS** with instructions for periodic validations.
- » **REGISTRATION AND TRACEABILITY SOFTWARE.**
- » **CHECKLIST** for audit.



SPECIFICATIONS

FEATURES

Type of Detector	Tunnel metal detector with integrated conveyor system
Detectable materials	Steel, stainless steel and non-ferrous metals (aluminum, copper, etc.)
Structure	Modular, AISI 304 stainless steel
Standard tunnel Dimensions (Width x Height)	300 x 150 / 300 x 200 / 350 x 150 / 350 x 250 / 450 x 200 / 450 x 300 / 550 x 450 mm (other sizes on request)
Conveyor height	850 to 950 mm (other heights upon request)
Length	1,200 / 1,500 (rejection system) / 1,800 mm (long-length products)

TRANSPORT SYSTEM AND STRUCTURE

Options	Fabric conveyor belt with PU coating, tilting roller Ø 32 mm, FDA food grade. Open modular belt, easy cleaning, FDA.
Belt speed	Adjustable between 5 and 80 m/min
Load capacity	Up to 20 kg per product

INTERFACE, SOFTWARE AND CONNECTIVITY

Operation screen	7" color touchscreen with intuitive interface
Connectivity	Ethernet TCP/IP RS232 Internal service USB (standard)*
Operating voltage	230 V AC ±10% 50-60 Hz Consumption: 2.4 A max.

* Internal USB for data download and updates. Access requires removing the front panel of the equipment. Externally accessible USB port optionally available on request from the factory.

OPTIONS AND CUSTOMIZATIONS

Rejection system	Pneumatic piston (up to 6 kg) Air blast (up to 400 g) Double air jet (up to 600 g) Rejection paddle (10 kg)
Additional sensors	Ejection monitoring Detection of rejection container filling LED signal tower (red, green and yellow) with audible alarm
Protections	Safety cover over tunnel and container Adjustable side guides
Customizations	Tunnels of other sizes Integration with SCADA or ERP software Automatic HACCP reports Verification and calibration modules

GMD-T References

TUNNEL DIMENSIONS 300 X 150 MM | BELT WIDTH 250 MM

Description	Code
GMD-T - LENGTH 1200 - FABRIC BELT	256002
GMD-T - LENGTH 1200 - MODULAR BELT	256003
GMD-T - LENGTH 1500 - FABRIC BELT	256004
GMD-T - LENGTH 1500 - MODULAR BELT	256005
GMD-T - LENGTH 1800 - FABRIC BELT	256006
GMD-T - LENGTH 1800 - MODULAR BELT	256007

TUNNEL DIMENSIONS 300 X 200 MM | BELT WIDTH 250 MM

Description	Code
GMD-T - LENGTH 1200 - FABRIC BELT	256008
GMD-T - LENGTH 1200 - MODULAR BELT	256009
GMD-T - LENGTH 1500 - FABRIC BELT	256010
GMD-T - LENGTH 1500 - MODULAR BELT	256011
GMD-T - LENGTH 1800 - FABRIC BELT	256012
GMD-T - LENGTH 1800 - MODULAR BELT	256013

TUNNEL DIMENSIONS 350 X 150 MM | BELT WIDTH 300 MM

Description	Code
GMD-T - LENGTH 1200 - FABRIC BELT	256014
GMD-T - LENGTH 1200 - MODULAR BELT	256015
GMD-T - LENGTH 1500 - FABRIC BELT	256016
GMD-T - LENGTH 1500 - MODULAR BELT	256017
GMD-T - LENGTH 1800 - FABRIC BELT	256018
GMD-T - LENGTH 1800 - MODULAR BELT	256019

TUNNEL DIMENSIONS 350 X 250 MM | BELT WIDTH 300 MM

Description	Code
GMD-T - LENGTH 1200 - FABRIC BELT	256020
GMD-T - LENGTH 1200 - MODULAR BELT	256021
GMD-T - LENGTH 1500 - FABRIC BELT	256022
GMD-T - LENGTH 1500 - MODULAR BELT	256023
GMD-T - LENGTH 1800 - FABRIC BELT	256024
GMD-T - LENGTH 1800 - MODULAR BELT	256025

TUNNEL DIMENSIONS 450 X 200 MM | BELT WIDTH 400 MM

Description	Code
GMD-T - LENGTH 1200 - FABRIC BELT	256026
GMD-T - LENGTH 1200 - MODULAR BELT	256027
GMD-T - LENGTH 1500 - FABRIC BELT	256028
GMD-T - LENGTH 1500 - MODULAR BELT	256029
GMD-T - LENGTH 1800 - FABRIC BELT	256030
GMD-T - LENGTH 1800 - MODULAR BELT	256031

TUNNEL DIMENSIONS 450 X 300 MM | BELT WIDTH 400 MM

Description	Code
GMD-T - LENGTH 1200 - FABRIC BELT	256032
GMD-T - LENGTH 1200 - MODULAR BELT	256033
GMD-T - LENGTH 1500 - FABRIC BELT	256034
GMD-T - LENGTH 1500 - MODULAR BELT	256035
GMD-T - LENGTH 1800 - FABRIC BELT	256036
GMD-T - LENGTH 1800 - MODULAR BELT	256037

TUNNEL DIMENSIONS 550 X 450 MM | BELT WIDTH 500 MM

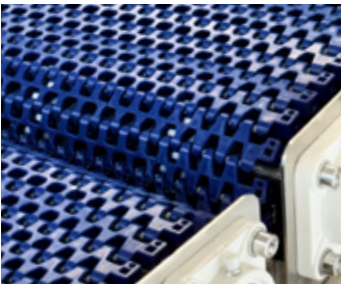
Description	Code
GMD-T - LENGTH 1200 - FABRIC BELT	256038
GMD-T - LENGTH 1200 - MODULAR BELT	256039
GMD-T - LENGTH 1500 - FABRIC BELT	256040
GMD-T - LENGTH 1500 - MODULAR BELT	256041
GMD-T - LENGTH 1800 - FABRIC BELT	256042
GMD-T - LENGTH 1800 - MODULAR BELT	256043

GMD-T

METAL DETECTOR
METALS



Fabric belt



Modular belt



SHall we talk? Contact us

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