

Automatic Conveyor Tunnel Metal Detector



Brief Introduction

Tunnel Metal detector is used to detect whether metal foreign objects are mixed in products. The core part is the detection head (probe), based on the electromagnetic induction technology of the balanced coil, which can detect various metal foreign objects such as iron, aluminum, copper, stainless steel etc. Metal detector not only suitable for detecting "dry" products such as biscuits, candies, dried fruits, quick-frozen products and other non-conductive or weakly conductive products, but also suitable for detecting "wet" products such as fresh meat, seafood, fresh vegetables, sauce products, and pickled products etc., cooked food and other highly conductive products. Conveyor metal detectors are mainly composed of detection heads, conveyors and electric boxes, which are widely used in food industry, pharmaceutical industry, chemical raw materials, rubber products, paper products, ceramic products, plastic products, cigarette industry, wood processing industry, textiles, clothing, footwear, aquatic products processing industry for metal detection.

Advantages

- Good sensitivity
- Working stable, more than 20 years design and manufacture experiences
- Long life: many machines working more than 10 years
- Easy operation, no need special training
- Maintenance free

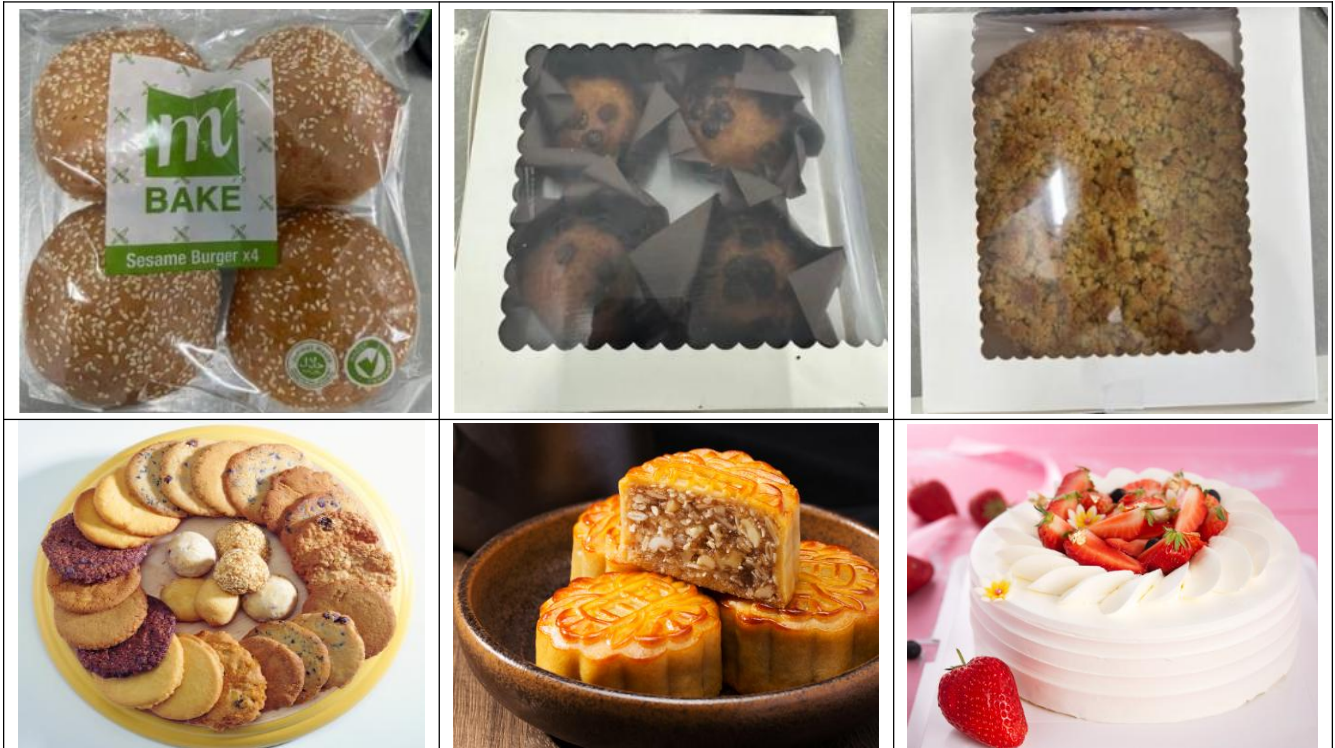
Features

- Digital Signal Process Technology, high stability and high sensitivity
- “Dry/Wet” products can be detected on the same machine, save machine costs
- Auto Product learn ensure operator without training can use machine well
- Multiple different products parameters preset, easy to recall and edit
- Color touch screen or LCD display, multi-function operation interface
- System Password protection function to avoid parameters modified by unauthorized person
- Fast assemble and disassemble conveyor design, daily maintenance convenient
- Multiple Languages operation system including Chinese, English, Spanish, Portuguese, Polish, Czech languages for option
- Full stainless steel 304 structure meet requirement of HACCP
- Multiple rejectors for option including air jet, air pusher, flapper, belt drop-down, motor driven roller conveyor etc.

Application

- Designed for detecting all kinds of metals in food, pharmaceutical products such as quick-frozen food, dehydrated vegetables, meat, cooked food, sauce etc.
- Designed for detecting all kinds of metals in chemical, rubber, tobacco products etc.
- Designed for keeping equipments safe to avoid equipments broken by metals.
- Suitable for below different applications

1) Bakery Products metal detection



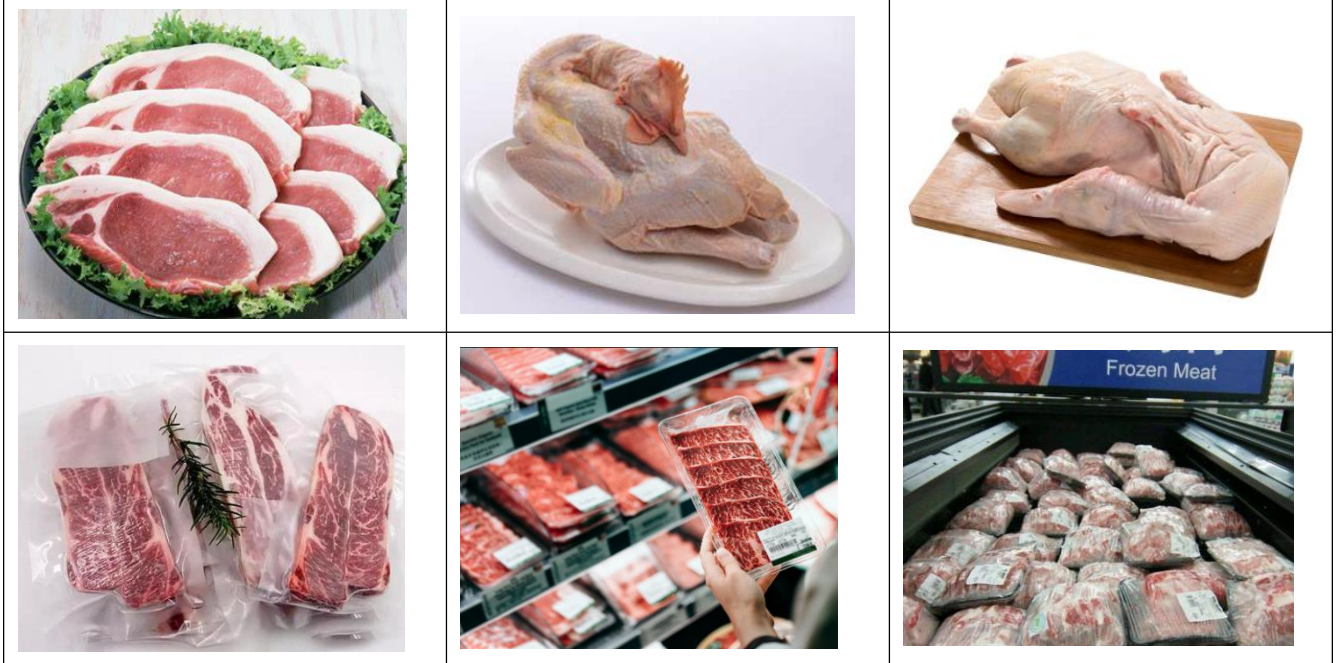


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2) Fresh Meats and Frozen metal detection



3) Daily Products metal detection



4) Seafood Metal Detection





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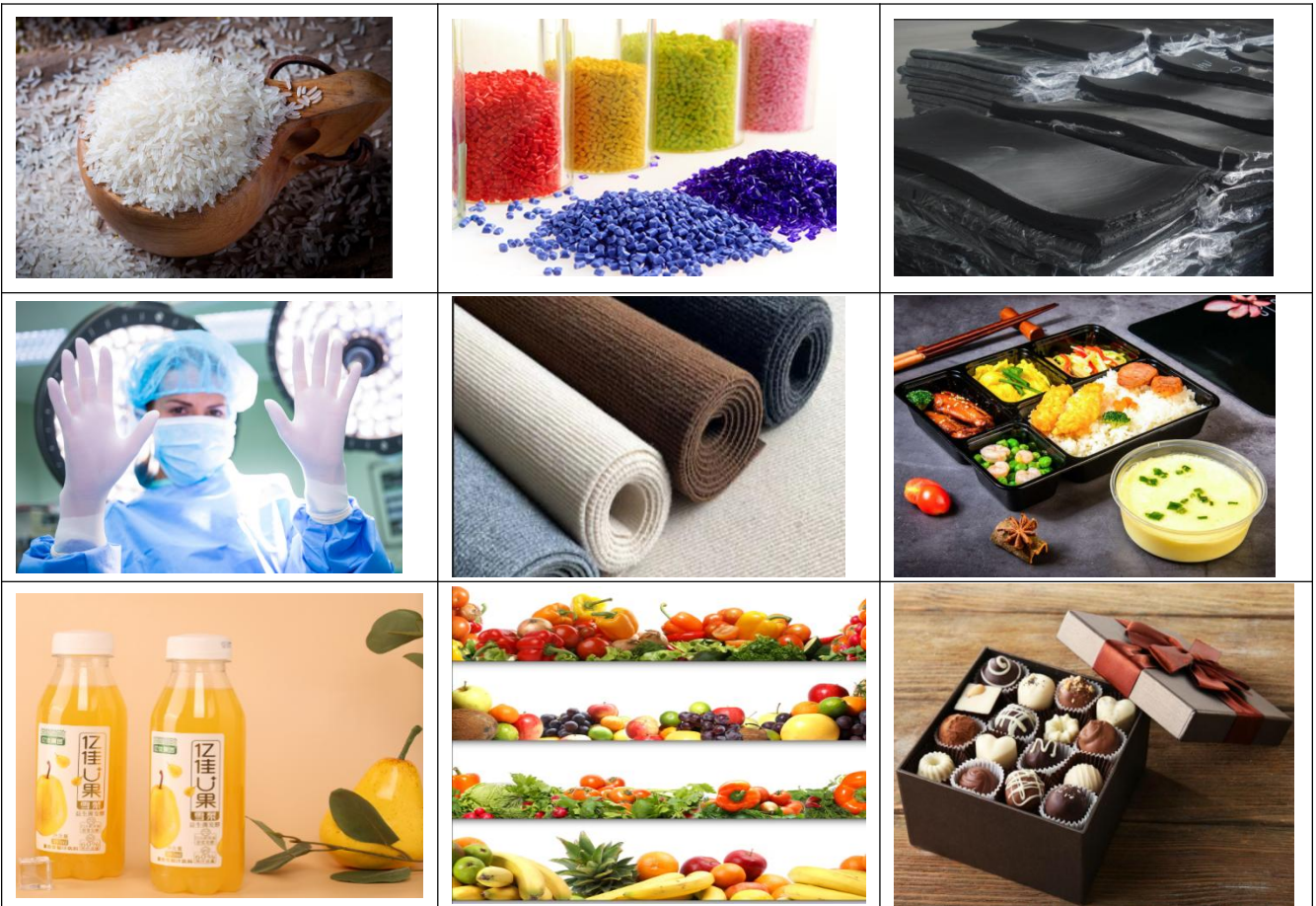
5) Packing Material Metal Detection



6) Pharma products metal detection



7) Other Industrial products metal detection



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Specification

Model	Detection Width	Detection Height	Belt Width	Conveyor Length	Speed (m/min.)	Sensitivity (Without product's effect)
SBI-3010	260mm	70mm	210mm	1200mm	25	Fe Φ0.7mm; Non-Fe Φ0.8mm; SUS304 Φ1.2mm
SBI-3015	260mm	120mm	210mm	1200mm	25	FeΦ0.8mm ; Non-FeΦ1.0mm; SUS304Φ1.5mm
SBI-3020	260mm	170mm	210mm	1400mm	25	FeΦ1.0mm ; Non-FeΦ1.5mm; SUS304Φ2.0mm
SBI-3025	260mm	220mm	210mm	1500mm	25	FeΦ1.5mm ; Non-FeΦ1.8mm; SUS304Φ2.5mm
SBI-3030	260mm	270mm	210mm	1600mm	25.	FeΦ1.5mm ; Non-FeΦ2.0mm; SUS304Φ3.0mm
SBI-4010	360mm	70mm	310mm	1200mm	25	FeΦ0.7mm ; Non-FeΦ0.8mm; SUS304Φ1.2mm
SBI-4015	360mm	120mm	310mm	1200mm	25	FeΦ0.8mm ; Non-FeΦ1.0mm; SUS304Φ1.5mm
SBI-4020	360mm	170mm	310mm	1400mm	25	FeΦ1.0mm ; Non-FeΦ1.5mm; SUS304Φ2.0mm
SBI-4025	360mm	220mm	310mm	1500mm	25	FeΦ1.5mm ; Non-FeΦ1.8mm; SUS304Φ2.5mm
SBI-4030	360mm	270mm	310mm	1600mm	25	FeΦ2.0mm ; Non-FeΦ2.38mm; SUS304Φ3.5mm
SBI-4040	360mm	370mm	310mm	1900mm	18	FeΦ2.5mm ; Non-FeΦ3.0mm; SUS304Φ4.5mm
SBI-5010	460mm	70mm	410mm	1400mm	25	FeΦ0.7mm ; Non-FeΦ1.0mm; SUS304Φ1.5mm
SBI-5015	460mm	120mm	410mm	1400mm	25	FeΦ0.8mm ; Non-FeΦ1.2mm; SUS304Φ1.5mm
SBI-5020	460mm	170mm	410mm	1400mm	25	FeΦ1.2mm ; Non-FeΦ1.8mm; SUS304Φ2.5mm
SBI-5025	460mm	220mm	410mm	1500mm	25	FeΦ1.5mm ; Non-FeΦ2.0mm; SUS304Φ3.0mm
SBI-5030	460mm	270mm	410mm	1600mm	25	FeΦ2.0mm ; Non-FeΦ2.6mm; SUS304Φ3.5mm
SBI-5040	460mm	370mm	410mm	1900mm	18	FeΦ2.5mm ; Non-FeΦ3.0mm; SUS304Φ4.5mm
SBI-6010	560mm	70mm	510mm	1400mm	25	FeΦ0.8mm ; Non-FeΦ1.2mm; SUS304Φ1.5mm
SBI-6015	560mm	120mm	510mm	1400mm	25	FeΦ1.0mm ; Non-FeΦ1.5mm; SUS304Φ2.0mm
SBI-6020	560mm	170mm	510mm	1400mm	25	FeΦ1.5mm ; Non-FeΦ1.8 mm; SUS304Φ2.5mm
SBI-6025	560mm	220mm	510mm	1500mm	25	FeΦ1.5mm ; Non-FeΦ2.0mm; SUS304Φ3.0mm
SBI-6030	560mm	270mm	510mm	1600mm	25	FeΦ2.0mm ; Non-FeΦ2.6mm; SUS304Φ3.5mm
SBI-6040	560mm	370mm	510mm	1900mm	20	FeΦ2.5mm ; Non-FeΦ3.0mm; SUS304Φ3.5mm
SBI-7010	660mm	70mm	610mm	1400mm	25	FeΦ0.8mm ; Non-FeΦ1.2mm; SUS304Φ1.5mm
SBI-7015	660mm	120mm	610mm	1400mm	25	FeΦ1.0mm ; Non-FeΦ1.5mm; SUS304Φ2.0mm
SBI-7020	660mm	170mm	610mm	1400mm	25	FeΦ1.2mm ; Non-FeΦ1.8mm; SUS304Φ2.5mm
SBI-7025	660mm	220mm	610mm	1500mm	25	FeΦ1.5mm ; Non-FeΦ2.0mm; SUS304Φ3.0mm
SBI-7030	660mm	270mm	610mm	1600mm	25	FeΦ2.0mm ; Non-FeΦ2.38mm; SUS304Φ3.5mm
SBI-7040	660mm	370mm	610mm	1900mm	18	FeΦ2.5mm ; Non-FeΦ3.0mm; SUS304Φ4.0mm
SBI-8010	760mm	70mm	710mm	1400mm	25	FeΦ1.0mm ; Non-FeΦ1.5mm; SUS304Φ2.0mm
SBI-8015	760mm	120mm	710mm	1400mm	25	FeΦ1.2mm ; Non-FeΦ1.8mm; SUS304Φ2.5mm
SBI-8020	760mm	170mm	710mm	1400mm	25	FeΦ1.5mm ; Non-FeΦ2.0mm; SUS304Φ3.0mm
SBI-8025	760mm	220mm	710mm	1500mm	25	FeΦ2.0mm ; Non-FeΦ2.38mm; SUS304Φ3.5mm
SBI-8030	760mm	270mm	710mm	1600mm	25	FeΦ2.0mm ; Non-FeΦ2.6mm; SUS304Φ4.0mm
SBI-8040	760mm	370mm	710mm	1900mm	18	FeΦ2.5mm ; Non-FeΦ3.0mm; SUS304Φ4.5mm

Remark: Accept tailor-made based on user's products



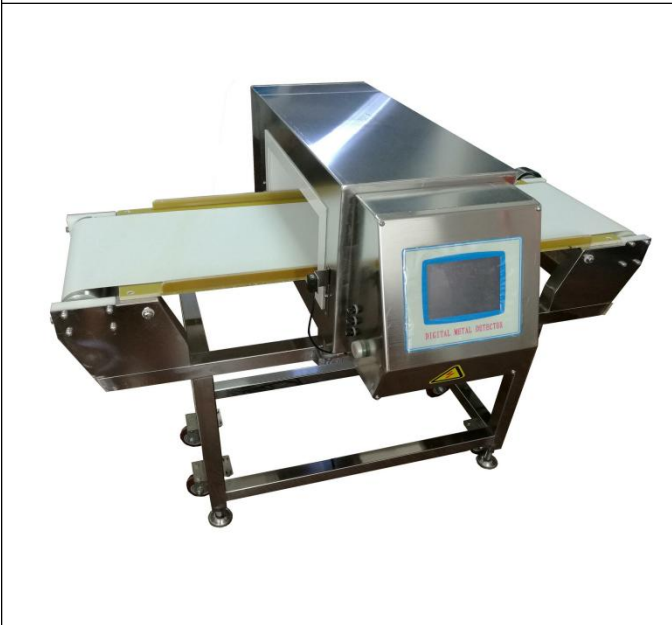


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Product E-Catalogue

Product pictures for reference







Freetail Metal Detector specification

Model No.	Pipe Size	Max. Flow Rate	Dimension	Sensitivity without product's effect		
				Fe Φ	Non-Fe Φ	SUS304 Φ
FMD-70	Φ67mm	8000 L/H	470X470X1050mm	0.4mm	0.6mm	0.8mm
FMD-100	Φ100mm	12000 L/H	470X470X1050mm	0.6mm	0.8mm	1.0mm
FMD-120	Φ128mm	16000 L/H	470X470X1050mm	0.7mm	1.0mm	1.2mm
FMD-150	Φ146mm	25000 L/H	470X470X1050mm	0.9mm	1.2mm	1.5mm
FMD-200	Φ205mm	44000 L/H	470X470X1150mm	1.0mm	1.5mm	2.0mm
FMD-260	Φ265mm	69000 L/H	560X560X1200mm	1.3mm	1.8mm	2.5mm
FMD-300	Φ295mm	100000 L/H	560X560X1200mm	1.7mm	2.0mm	3.0mm
FMD-340	Φ335mm	120000 L/H	560X560X1200mm	2.0mm	2.5mm	3.5mm

Company Profile

Shanghai Yuhang Industrial Co., Ltd. was established in Shanghai in 2014. It is a subsidiary of HongKong SINBON Industrial Limited. The factory specializes in the design and production of various filling machine, capping machine, labeling machine, metal detector, check weigher, induction sealing machines, packaging-related equipment etc., also provide solutions for complete packaging production lines. The company has attached great importance to product design and quality control since its establishment. The R&D and design personnel are all senior technical personnel in the industry. More than 10 years of rich practical experience in the industry ensure that our products can well meet the actual needs of users and can also be customized according to the actual needs of users. Users require non-standard customized equipment to meet users' different production equipment needs or solve actual production problems. In addition to making good products, we also actively support users in after-sales service, so that users can buy and use with peace of mind. Although most users are far away in time and space, our technical support is always by your side. The products have patent certificates and CE certificates and our equipment is currently working in most countries.

Contact Us

Shanghai YUHANG Industrial Co., LTD.

Plant Add.: No. 3535 Nanfeng Road, Qingcun Town, Fengxian District, Shanghai, 201414, China

Office Add.: RM502, No. 3 Lane 168 Chengnan Rd., Huinan Town, Pudong New District, Shanghai, 201399, China

Tel/Fax: +86-21-20781031/20781032

Email: sales@sinbon.net sales@sinbon.com.hk

