

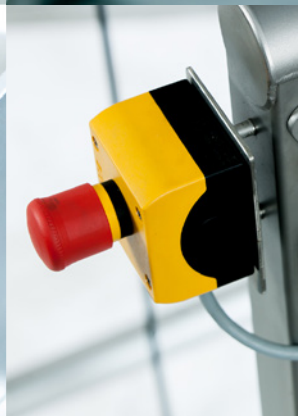
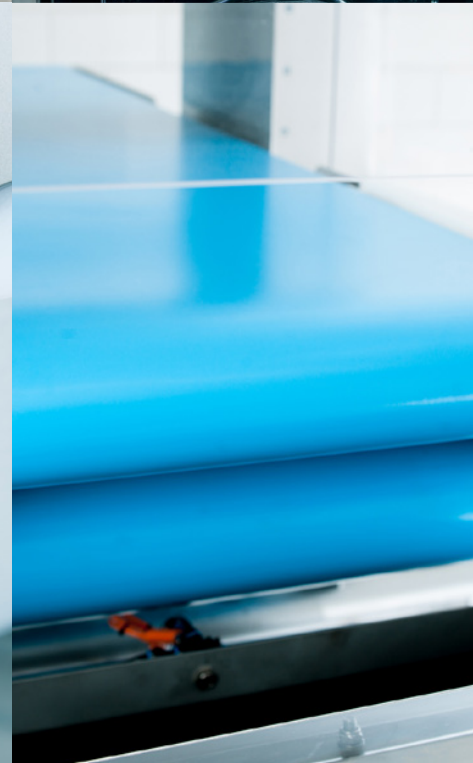


## METAALDETECTION

# FORTRESS METAL DETECTORS

Your product in reliable hands

> SIMPLE OPERATION > EXCELLENT RELIABILITY > EXCEPTIONAL PERFORMANCE



Simple operation  
Excellent reliability  
Exceptional performance



# The Fortress Advantage and the Jansen Effect

## Fast, accurate and easy to use


Fortress metal detectors use the very latest digital technology to detect and remove ferrous and non-ferrous metals, including stainless steel. Fortress systems have the highest detection power and are known for their superior speed, accuracy and ease of use.

## Robust Check Point

In combination with a Jansen frame they form a robust and reliable check point which meets the strict HACCP regulations and can handle any production environment. All our metal detectors are supplied with a IP 69K protection grade (dust and spray waterproof) and are ideal for all industries where wet cleaning is a given.

## Customized Solutions

In addition to standard metal detectors and pipeline metal detectors, we also supply various other metal detectors including free-fall detectors for gravity applications. For every situation there is a customized solution which distinguishes itself through simple operation, excellent reliability and exceptional performance.



**Optimum Performance** - After delivery, our skilled technicians ensure that your metal detector continues to provide optimum performance for years.

## Service & Maintenance

### Ongoing Optimum Result

Our care for a new metal detector does not end at delivery. Our service organization takes care of revisions, repairs and maintenance work in the Netherlands and Flanders. This allows us to be certain that our equipment will keep on working for years.

### Experienced mechanics

Our experienced team of mechanical and electrical specialists have the necessary knowledge and certificates to be able to carry out their work professionally and safely in every field. They are not only specialized in our own equipment, but can also maintain other metal detectors. When you have a service contract with us, you are always assured of a reliable installation.



## Service Contract Advantage

- Guaranteed service within 24 hours in case of malfunctions.
- 10% discount on used parts during the inspection.
- Monitoring of a valid calibration report for your audit documentation.
- Monitoring of the maintenance period.

# Metal Detector

## Robust Housing

Fortress metal detectors are available in aluminum or stainless steel with a wide range of aperture sizes. They have a robust construction to handle even the toughest applications. The BSH extra robust housing, certified according to IP69K is used for extra stability and improved performance in wet conditions.

## Jansen Frame

FORTRESS metal detectors can be supplied including a Jansen transport system (with or without ejection system), but can also be integrated into existing conveyors or supplied as a loose metal detector head. All our conveyors are built exclusively from food approved materials (FDA) and meet the most stringent safety standards.

## Checkweigher combi

The Fortress metal detector can be combined with a JCS checkweigher providing one compact machine for the complete end-of-line inspection of your product.



## TECHNICAL SPECIFICATIONS

Construction	Lacquered epoxy aluminium or stainless steel 304
Display type	Standard Stealth Optional Interceptor
Dimensions (W X H)	25-1525 x 25-635 mm (special sizes available)
Detector position	Horizontal or vertical
Belt Type (product dependant)	Modular Acetal PU
Protection	IP69K / Nema 4X (stainless steel with BSH)
Power	230V
Communication	RS485 / Optional: Ethernet/ wireless
Alarm	Sound signal / Warning light
Options	Separate display / Portable display / Ejection system / Contact Software

## APPLICATIONS

Bakeries / Meat / Chicken / Fish / AGF / Dairy / Packaged products / Ready meals / Healthcare / Sweets / Fresh, chilled & frozen foods / Many other products and sectors

## IMPORTANT FEATURES

- Automatic balancing
- Automatic calibration
- A spacious memory menu for saving product specifications.
- Serial interface for saving data on the computer (excluding Contact software)
- Modular exchangeable electronics
- Automatic test procedure
- Water and dust resistant (IP69K). No sealant edges, welded all the way around

## Hygienic construction

Food approved materials, open structures and inclined surfaces are important design elements we use to ensure that our machines are easy to clean. All our machines meet the strictest hygiene requirements.

# Pipeline Metal Detector

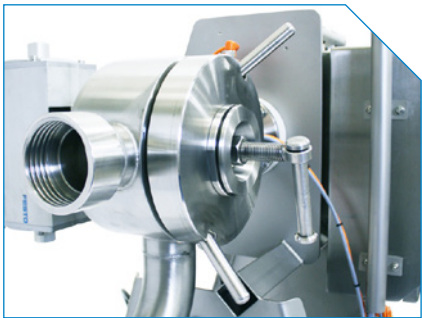
## For liquids and pastas

The FORTRESS metal detector for pipelines is ideally suited for inspection of pumped liquids and pastas transported via a pipe system. The system is also highly suited for inspection of meat products at the output of a vacuum/sausage machine.

FORTRESS pipeline metal detectors have a robust, stainless steel construction to be able to resist harsh production conditions. The operating display is integrated into the detector, creating a compact unit.

## Hygienic design

The pipeline metal detector has a very hygienic design and is easy to clean. In addition, various material options are available for non-metal pipelines such as nylon, rubber and Teflon for highly demanding applications with high temperatures and/or pressure.



### Jansen 3-way valve

The pipeline detector can be extended with a Jansen Techniek 3-path valve to remove contaminated product from the stream. This valve can be very easily disassembled by hand, allowing it to be cleaned properly.



## TECHNICAL SPECIFICATIONS

Construction	Stainless steel 304
Display type	Standard Stealth Optional Interceptor
Pipe material	Nylon / Teflon / Other food-safe plastics
Pipe diameter	60 mm (get in touch for other diameters)
Pressure range	1 - 7 bar (Wider reach possi- ble with optional pipe style)
Temperature range	10°C - 100°C (wider reach possible with optional pipe style)
Protection	IP69K / Nema 4X (stainless steel with BSH)
Power	230V
Communication	RS485 / Optional: Ethernet/ wireless
Alarm	Sound signal / Warning light
Connection types	Sanitary clip / In line / Acme with screw thread
Options	Separate display / Portable display / Ejection system / Catch tray test balls / Heated water casing / Contact Soft- ware

## APPLICATIONS

Soup / Sauces / Pastas / Chocolate / Jam /  
Meat paste / Juice / Many more products

## IMPORTANT FEATURES

- Automatic balancing
- Automatic calibration
- Integrated operating panel
- A spacious memory menu for saving product specifications.
- Serial interface for saving data on the computer (excluding Contact software)
- Modular exchangeable electronics
- Automatic test procedure
- Water and dust resistant (IP69K). No sealant edges, welded all the way around



# Reliable Machines. Outstanding Service.

## Customized Solutions

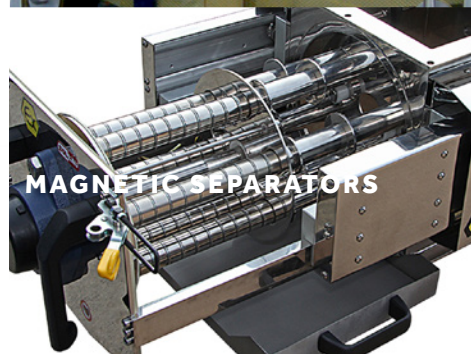
Jansen Control Systems supplies various end-of-line inspection systems for the food industry. In addition to high-quality Fortress metal detectors, we also supply our own JCS checkweigher, Sparc X-ray systems and Sollau magnetic separators.

## Service

Providing good service is just as important to us as delivering a quality machine. In the event of a technical malfunction, our technicians will be there to solve the problem as quickly as possible. If not satisfied with the result of a delivered system, we will do everything in our power to ensure that it functions satisfactorily.

## Jansen Techniek

Jansen Control Systems works closely with Jansen Techniek. Together with this machine manufacturer we can convert innovative ideas into working machines and are able to realize customized solutions for every situation.



**MORE SOLUTIONS ON  
JANSENCONTROLSYSTEMS.NL**

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