



ADVANCED WEIGHERS AND WEIGHING SYSTEMS FOR STATIC, DYNAMIC AND CONTINUOUS WEIGHING



## JesCheck Metal

SUPPLIER FOR

- The grain and feed milling industry
- The food industry
- The chemical/technical industry



## JesCheck metal

### Combined check weigher metal detection

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JesCheck is a combined check weigher and metal detector, which contributes to a more efficient production as two processes take place simultaneously. JesCheck is designed for use in connection with conveyors and is easily integrated into existing product lines. The system operates by weighing products, while metal detection is performed. The checkweigher comes in painted iron or stainless steel.

### The check weigher

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The check weigher is controlled by an IT6000 indicator, which is type-approved and robust. With the IT6000 indicator a simple operation is secured and the overview is kept, while more advanced functions can be installed. The IT6000 is a control unit, which is fully programmable, so that later wishes/changes easily can be implemented. Furthermore, weight limits are easily set up and can be found with few keystrokes.

### The Metal detector

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The detector is sturdy and constructed in stainless steel with a special water- and dust tight inner liner, which can resist washing and large temperature differences. The automatic balance- and calibration control secures many years of reliable performance. Once the detector is set up no more settings are needed in the future.

The Shark metal detector uses - as one of the few on the market - digital signal processing, which ensures an optimum sensitivity to all types of metals and furthermore, to the greatest possible extent, secures that the metal detector is not affected by unwanted signals.

The electronic unit is built in a stainless steel cabinet with protection class IP65. The cabinet is divided into separate sections for electronics and air connections. The metal detector continuously carry out self-checks and sends out an error message if an error should occur. It also performs a sensitive and precise compensation of product effects.





# RELIABLE ACCURACY

Specification table for the metal detector

Material	Stainless steel
Measuring method	Induction, multi-channel operation, balanced receiver coil
Metal detection	Iron, other metals (e.g. aluminum or copper) and stainless steel
Product memory	Product memory for 120 products
Product compensation	Is performed automatically with the teach process
Protection type	IP65, with option LPW = IP66, with option HPW = IP67
Ambient temperature	-10 til + 50 °C, humidity 30 to 85%
Product temperature	-30 °C to +80 °C
Power supply	One phase 85 ~ 264 V AC, 50/60 Hz, 100 Watt
Interface	RS232, RS485, provides documentation according to HACCP and IFS standards

Specification table for the Metal detector

Capacity	up to 80 pcs/min
Weighing area	10-300 kg
Weighing accuracy	+/- 5g to +/- 100g (depending on weighing area)
Number of programs	100
Power supply	3 x 220 / 3 x 380 V AC
Power consumption	Max. 3 A





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