

GLS Metal separator



UNICON and VARICON are complete systems, consisting metal detector GLS, conveyor belt and reject unit, can be easily integrated into existing production lines. The individual components are optimally combined to ensure the highest levels of reliability and sensitivity.

The enclosed type of construction of the GLS ensures that very high sensitivity is achieved throughout the entire aperture area. This makes the GLS particularly suitable for high-precision applications (eg in the food industry).

The size of the detector is specifically chosen for the particular application, the product type and dimensions and working width of the mechanical transport system. Even tall products, bulk materials or individually packaged items, can be accurately inspected. Over 200 standard aperture sizes means that detector head selection can be optimised.

GLS metal detectors can be combined with a wide variety of separation systems (eg air blast units, pushers, reject flaps, retracting belts etc).



- detects magnetic and non-magnetic metal contaminants
- inspects packaged goods and bulk materials
- enclosed coil system with more than 200 different standard sizes
- complete systems to meet customer's specific requirements (with conveyor and integral reject device)
- for quality assurance and machine protection
- high immunity to electromagnetic interference and mechanical vibration
- very simple to operate, even for non-technical staff
- meets all HACCP and IFS requirements

GLS metal detectors offer the following performance features:

- optimal selection to meet specific requirements
- highest levels of detection accuracy throughout the entire aperture area
- can be installed in any position
- high mechanical reliability space required after bullet point
- highly reliable and resistant to interference: maximum immunity to vibration, shocks and temperature variation
- construction: stainless steel (bead blasted)
- protection rating IP 65 (higher protection ratings on request)

