



## LEOPARD BOLT INSPECTION MACHINE

<b>Weight</b>	1200 kg
<b>Machine Dimensions</b>	2500 x 1350 x 2100 mm (width - length - height)
<b>Capacity</b>	80 -180 pcs/minute
<b>Product Variety</b>	Bolts, Pins, Rivets, etc
<b>Types of Control</b>	Crack, Structure test such as hardness (optional), Dimensional and Scrap
<b>Operation Range</b>	M5-M16 (shaft diameter) & 16-150 mm (shaft length)
<b>Pre loading</b>	Elevator, Linear or Bowl Vibrator
<b>PLC Group</b>	Beckhoff
<b>Structure test and Crack Control</b>	IBG Eddyguard tester /Optional
<b>Dimension Control</b>	3 High-resolution Optical Cameras
<b>Precision</b>	20 µ
<b>Power</b>	3,5 KVA
<b>Curent (max)</b>	10 A
<b>Air Pressure</b>	6 bar
<b>Voltage Range</b>	380 V- 3 Phase - 50 Hz
<b>The dimensions that can be controlled for quality</b>	Flange diameter, head thickness, wrench form, thread pitch, thread angle, thread top diameter, shank diameter, dogpoint diameter, washer diameter, perpendicularity, RSS check, bolt end angle, etc.



# LEOPARD BOLT INSPECTION MACHINE



## WIDE PRODUCT RANGE

Bolts, cap pins, fittings, ball joints, and similar rotatable products can be checked  
Working range for bolts  
Diameter: M5-M16 Length: 16-150mm

## HIGH CAPACITY

Depending on product specifications, capacity can reach 80-180 pcs/min.



## HIGH PRECISION

High resolution cameras and custom light design let 20 $\mu$  measurement precision depending on the measurement tools used.

## RAPID MODEL CHANGE

The easy-to-use feedback interface and the manual mode option allow for fast model change.

## CUSTOMIZED FUNCTION LIBRARIES

Flexible software design supports job customization. This feature allows function calls for different measurements or inspections. Most of the functions can be used for various purposes. Unlimited reference fixture points can be set to define ROIs properly.

**Some of the defect types that can be inspected are listed below:**

Flange diameter, head thickness, wrench form, thread pitch, thread angle, thread top diameter, shank diameter, dogpoint diameter, washer diameter, perpendicularity check, RSS check, bolt end angle, etc.

## FLEXIBLE PLATFORM

Stations and their features can be changed depending on customer demand and product.



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