



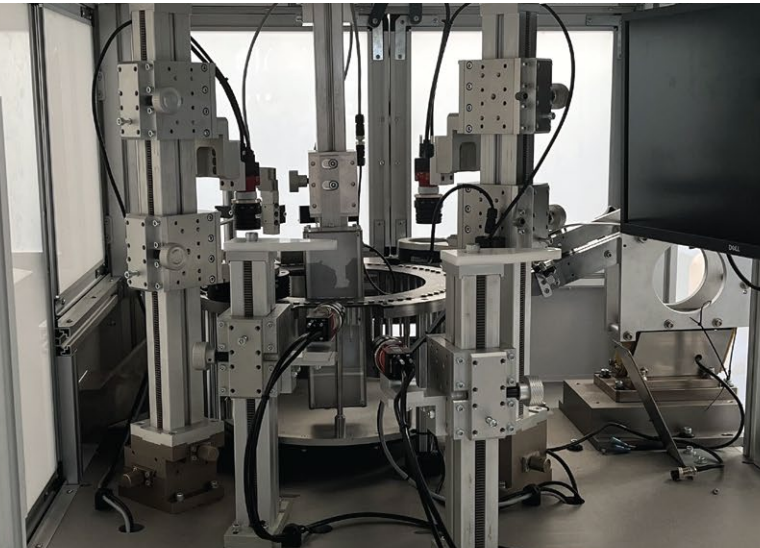
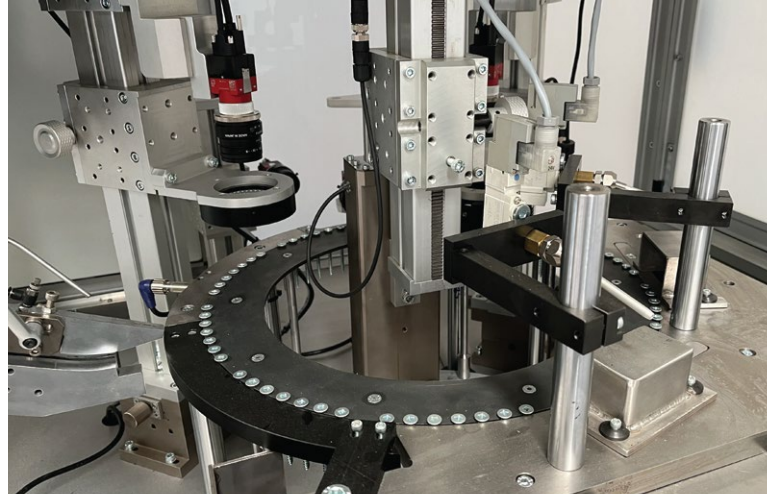
# CHEETAH SCREW INSPECTION MACHINE

## WIDE PRODUCT RANGE

Flexible user interface design with custom function libraries makes **circular or angular (cornered / hexagonal) formed products** can be adjusted easily.

## HIGH PRECISION

High-resolution cameras and custom light design lets **50 $\mu$  -60 $\mu$**  measurement precision depending on the measurement tools used.



## HIGH CAPACITY

Depending on product specifications, capacity can reach up to **1000 pcs/min.**



## 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.

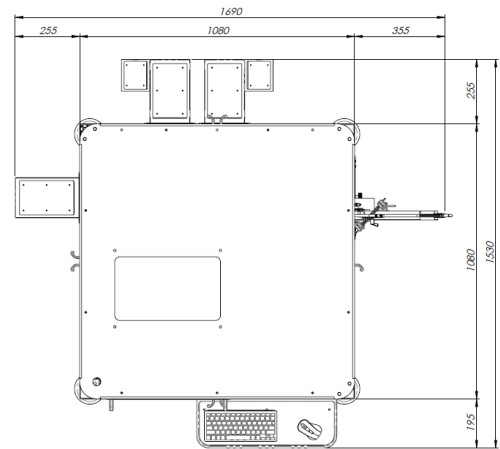
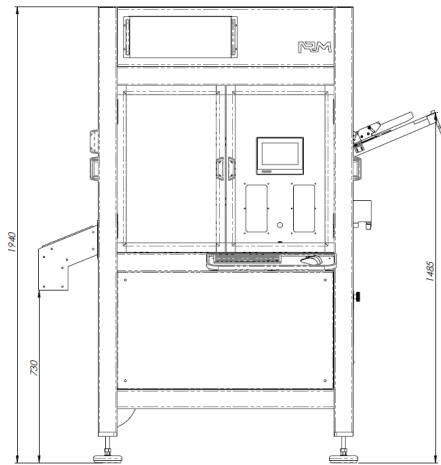
Most of the functions can be used for various purposes. Unlimited reference fixture points can be set to define ROIs properly.

**Some dimensions that can be inspected are listed below:**

**Flange diameter, head thickness, head form, thread pitch, thread angle, thread top diameter, shank diameter, dogpoint diameter.**

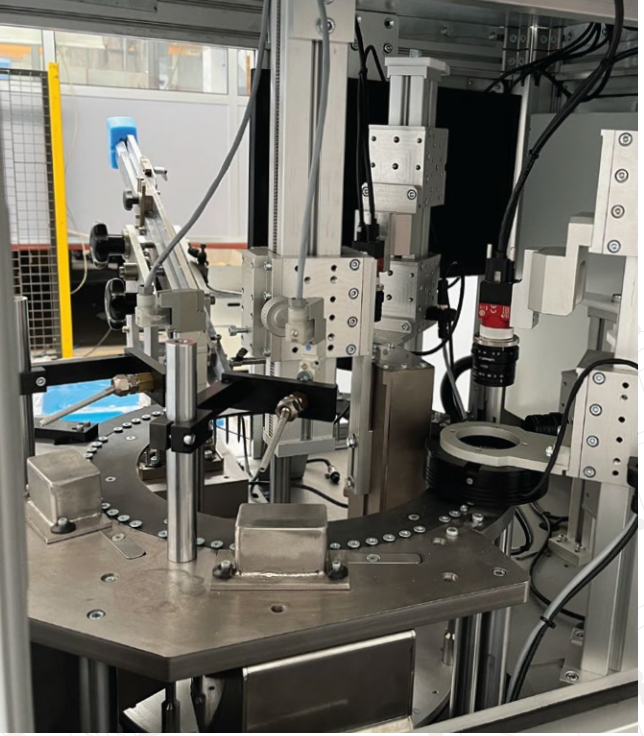
## FLEXIBLE PLATFORM

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








## CHEETAH SCREW INSPECTION MACHINE

<b>Product Options</b>	Screws, bolts
<b>Types of Control</b>	Thread form, Dimensional, etc
<b>Operation Range</b>	Ø10 mm x L: 80 mm
<b>Capacity</b>	Up to 1000 pcs/min
<b>Pre Loading</b>	Elevator, linear or bowl vibrator
<b>PLC Group</b>	Beckhoff
<b>Dimension Control</b>	4 high-resolution optical cameras
<b>Precision</b>	50 µ - 60 µ
<b>Power</b>	2 KW
<b>Curent (max)</b>	4,5 Amp
<b>Air Pressure</b>	6 bar
<b>Voltage Range</b>	380 V- 3 Phase - 50 Hz
<b>Machine Dimensions</b>	1530mm x 1690mm x 1940mm
<b>The dimensions that can be controlled for quality</b>	Flange diameter, head thickness, head form, thread pitch, thread angle, thread top diameter, shank diameter, dogpoint diameter



## CONTACT US

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