

The logo for SIET Robotics, featuring the letters 'SIET' in a bold, white, stylized font. The 'S' and 'E' have a stepped, geometric appearance, while the 'I' and 'T' are more traditional block letters. The background is a vibrant yellow-green with a faint, repeating pattern of the company's logo.

R O B O T I C S ®

Saltillo, México.

About us

We are a company that provides engineering solutions in the industrial field.

Our extensive experience gives us a clear and objective vision to solve your problems and achieve your goals.

We stay up to date with the latest technology to provide you with solutions that are efficient and innovative. Always taking care of quality and price at the same time.

Let our team of professionals provide you with services that will give you a real advantage over your competitors!

DEVICES AND MANUFACTURING CELLS DEVELOPMENT

We make your idea come true. From conceptualization to manufacturing and fine tuning.

MANUFACTURING PROCESSES AUTOMATION

We help you reduce your processes cycles, optimizing and automating them.

DEVICES PROGRAMMING

We program robots, plc's, hmi's, and any programmable device in the industry.

OUTSOURCING

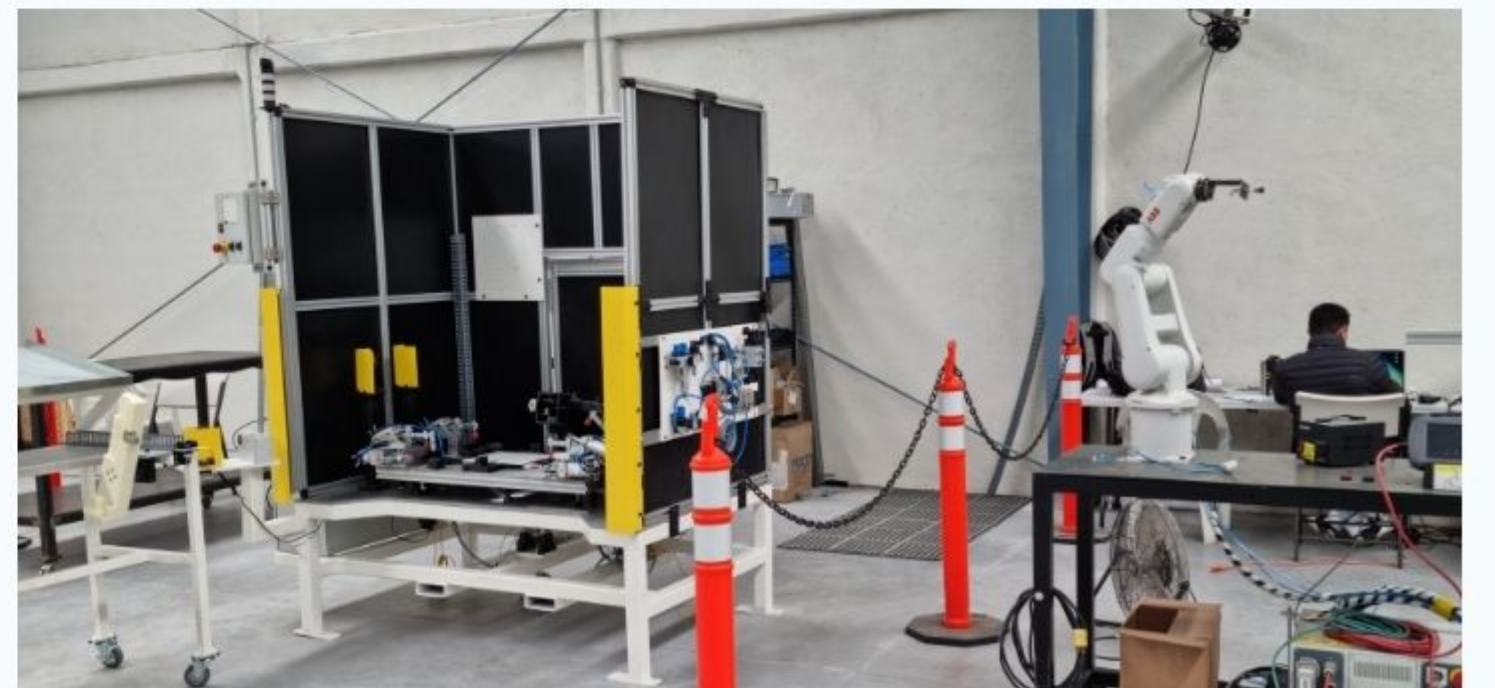
Do not hire, we provide the service with engineers on site to carry out any activity you need.

TRAINING

Las presentaciones son herramientas de comunicación que pueden usarse en demostraciones.

OUR SERVICES

Facilities





Automation

We offer design, manufacturing and automation services. With more than 15 years of experience in the design of manufacturing processes, availability, performance and quality are our pillars to efficient processes manufacturing.

DEVELOPMENT AREAS:

- Equipment and machinery safety.
- Component assembly.
- Robotics.
- Product tests.
- Labels.
- Traceability.
- Build to print.

Pro-faceTM

FESTO

SIEMENS

COGNEX

KEYENCE



Allen-Bradley
by ROCKWELL AUTOMATION



TELEDYNE

DATALOGICTM

GP-ProEX

CIRRIS[®]



**CINCINNATI
TEST SYSTEMS**



ZEBRA

ABB



EQUIPMENT AND MACHINERY SAFETY

Safety devices installation such as: Safety PLC, relays, curtains, emergency stops, magnetic interlocks, safety lasers, mats, etc.

COMPONENTS ASSEMBLY

Manual, semi-automatic and automatic assemblies. Use of pneumatic cylinders, rotary or indexing tables, robo-cylinders, hydro-pneumatic presses, servo controlled presses for greater precision, Shock-Absorber, raw materials feeders, etc.

ROBOTICS

Assemblies using robots, screwdrivers, painting, handling robots, etc.

PRODUCT TESTS

Quality inspections with test devices such as: leak testers, sensors and vision systems, laser height measurers, electrical testers, force sensors, etc.

LABELS

Management and integration of high durability label printers for your products.

TRACEABILITY

Ink printers and laser markers for date markings or serial numbers to have the desired traceability. Linear and 2D code readers.

BUILD TO PRINT

Duplication of equipment and machinery with customer engineering.

PROJECTS

ROBOTICS

- 6 axis
- SCARA
- Cobots

We have developed projects with robotics for:

- Pick & Place for assemble.
- Palletized.
- Vision inspections.
- Welding.
- Glue dispensing.

EPSON



ABB

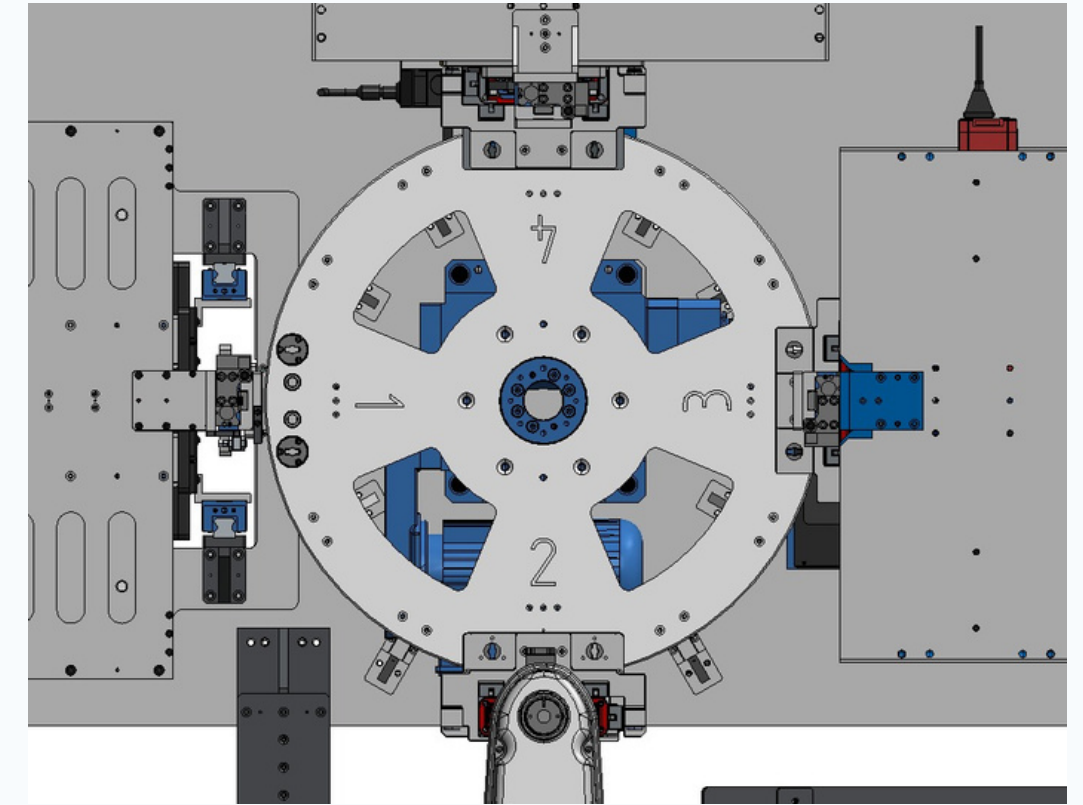
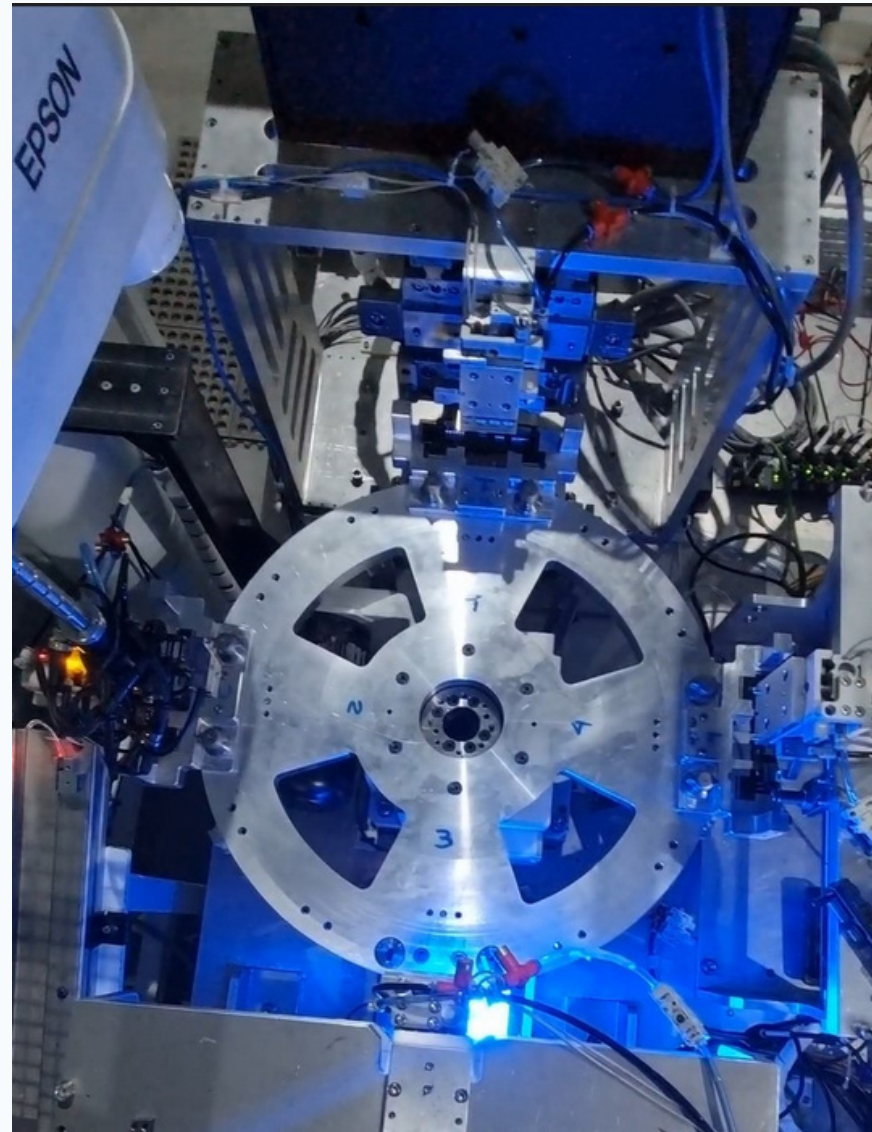
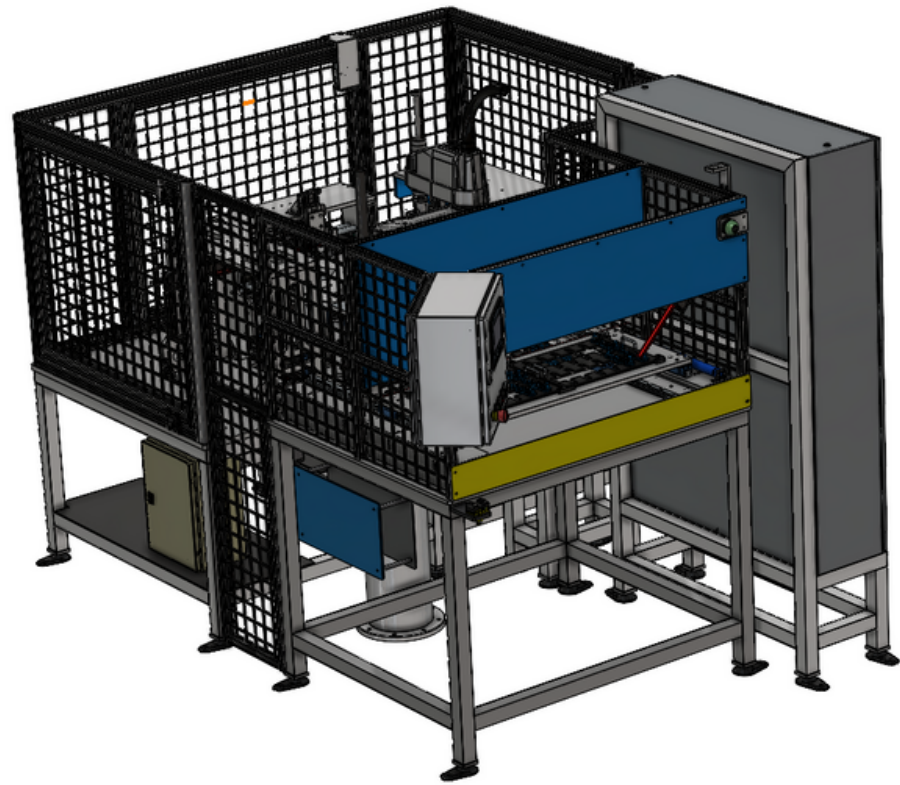
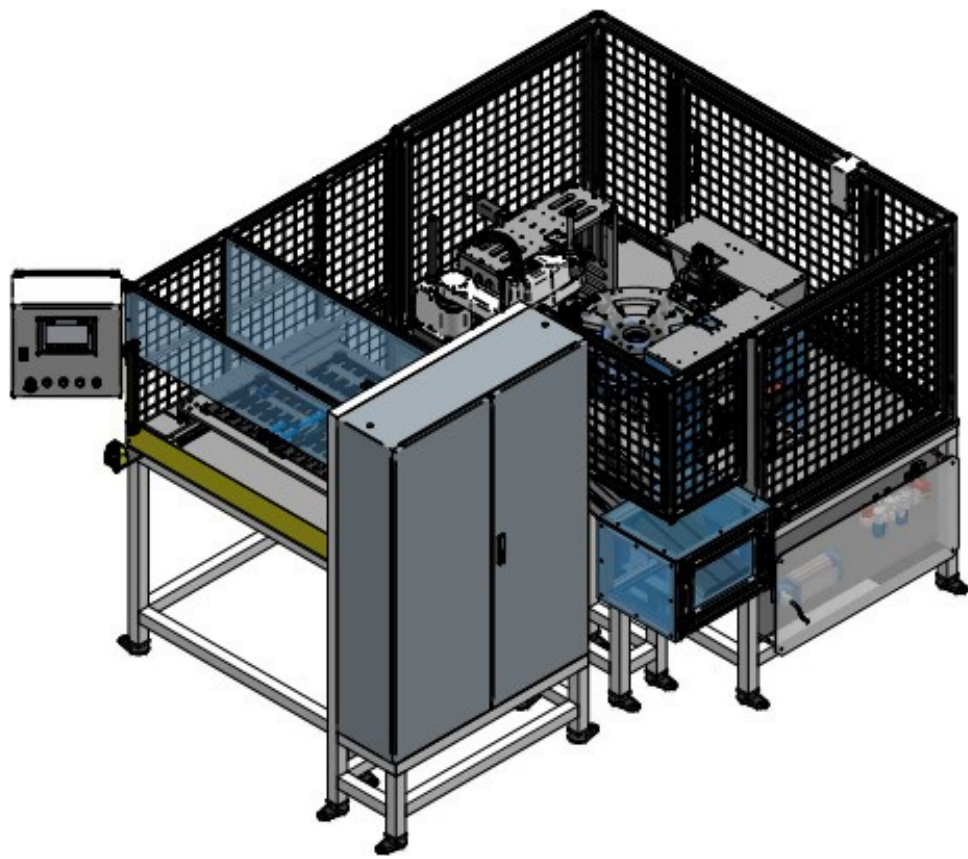


UNIVERSAL ROBOTS



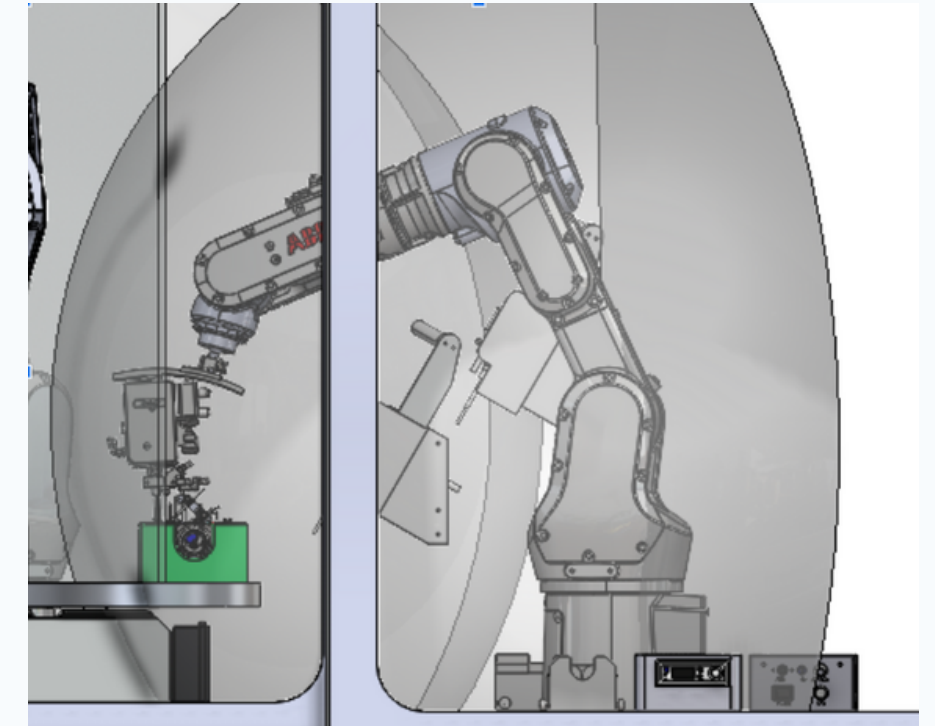
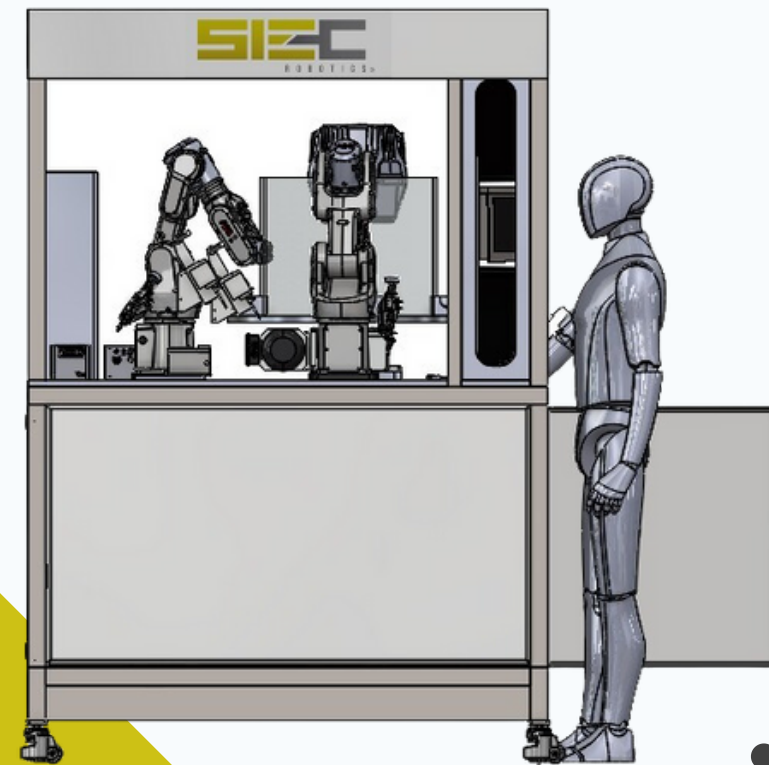
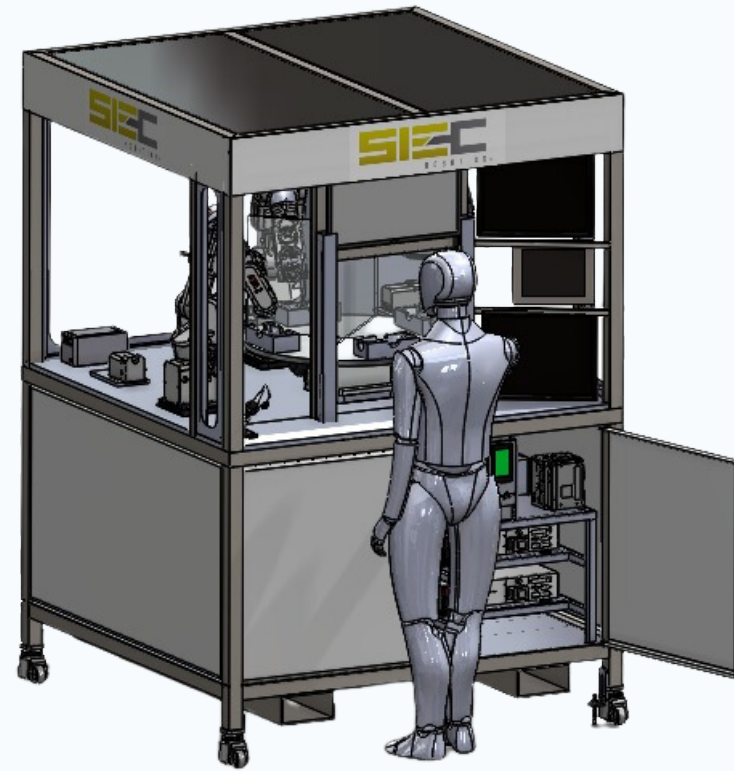
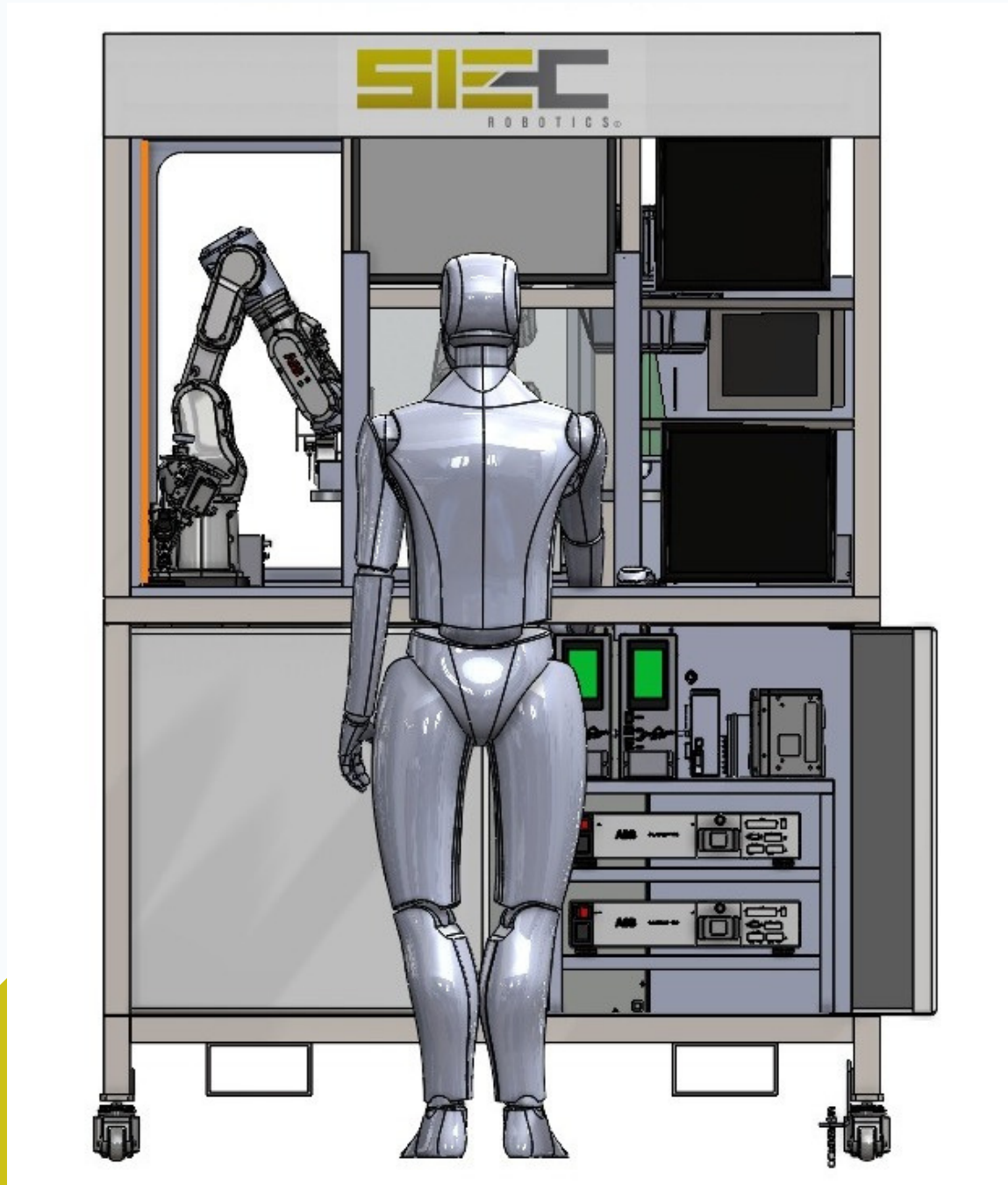
FANUC





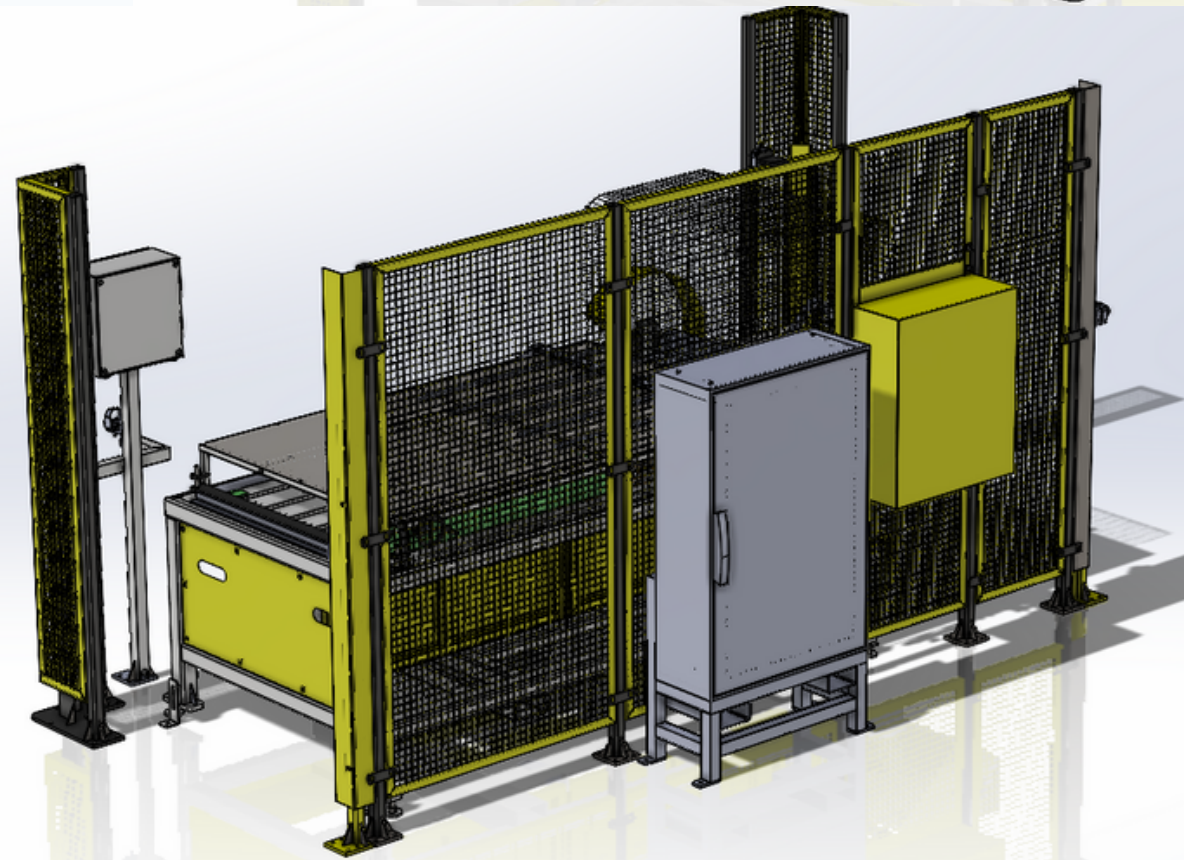
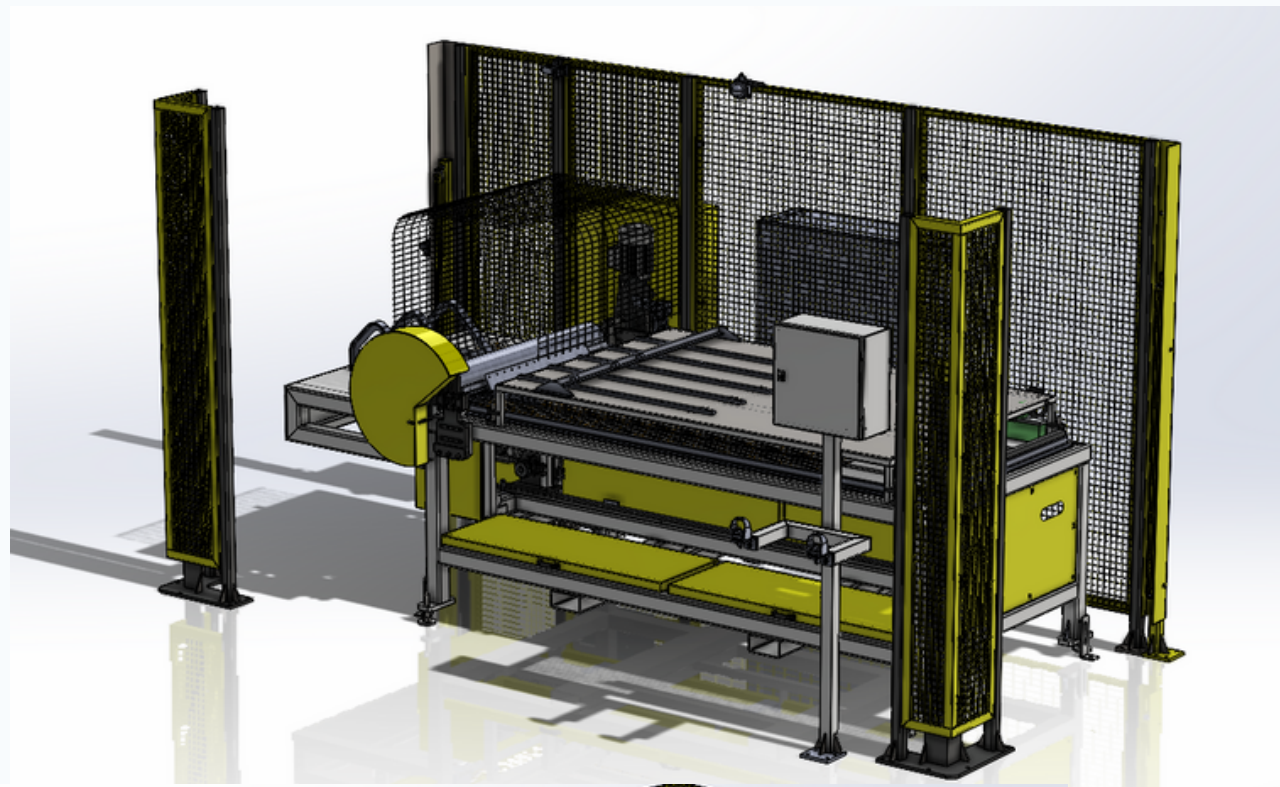
Rotary Index Tables

- SCARA Pick & Place - **EPSON**
- Electrical Tester - **CIRRIS**
- Vision Tester - **COGNEX**
- Laser height tester - **KEYENCE**



Automatic Soldering Machine

- 6 Axis Robot - **ABB**
- Soldering - **APOLLO**
APOLLO SEIKO
- 3D inspection - **KEYENCE**



Mesh Bending Machine

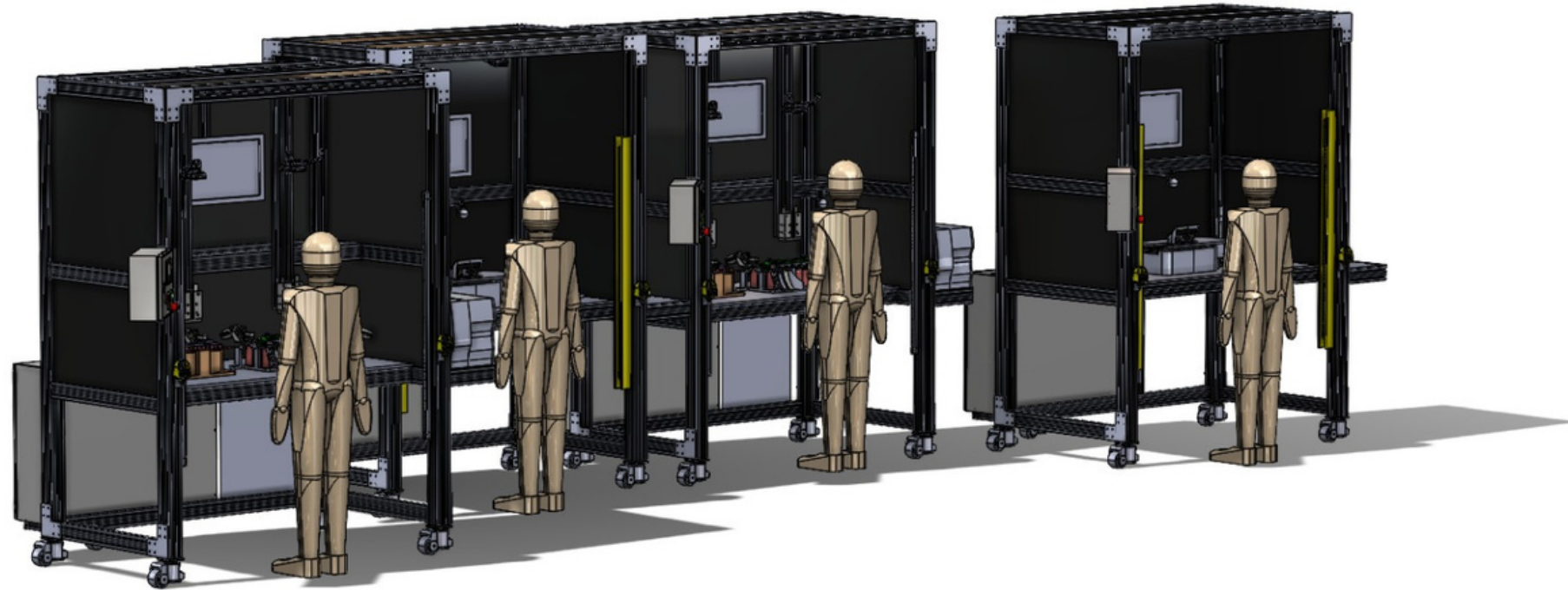
- Design.
- Manufacturing.
- Commissioning.

SCREWDRIVERS



- Pneumatic press assembly.
- Torque control.

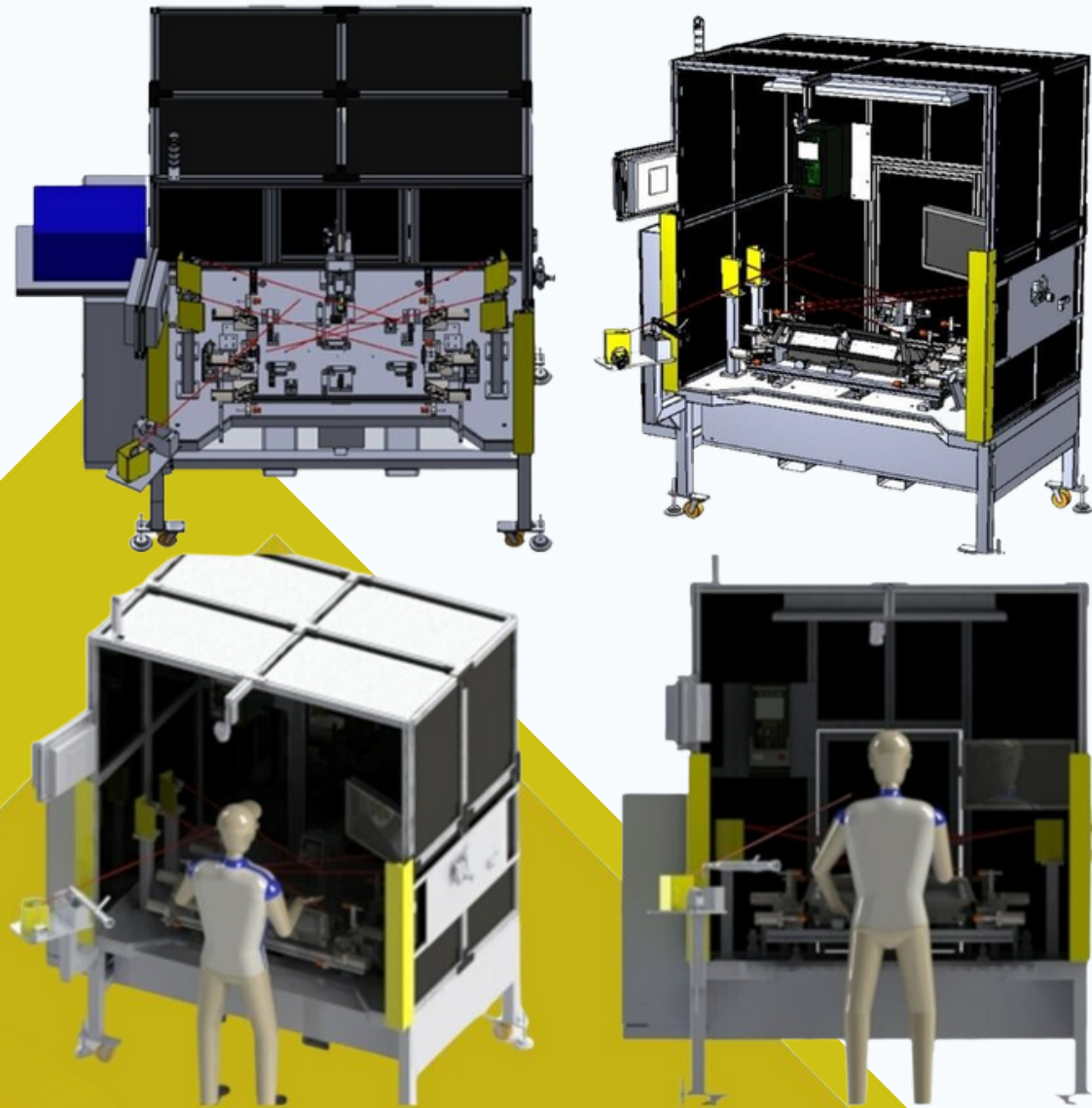
Atlas Copco



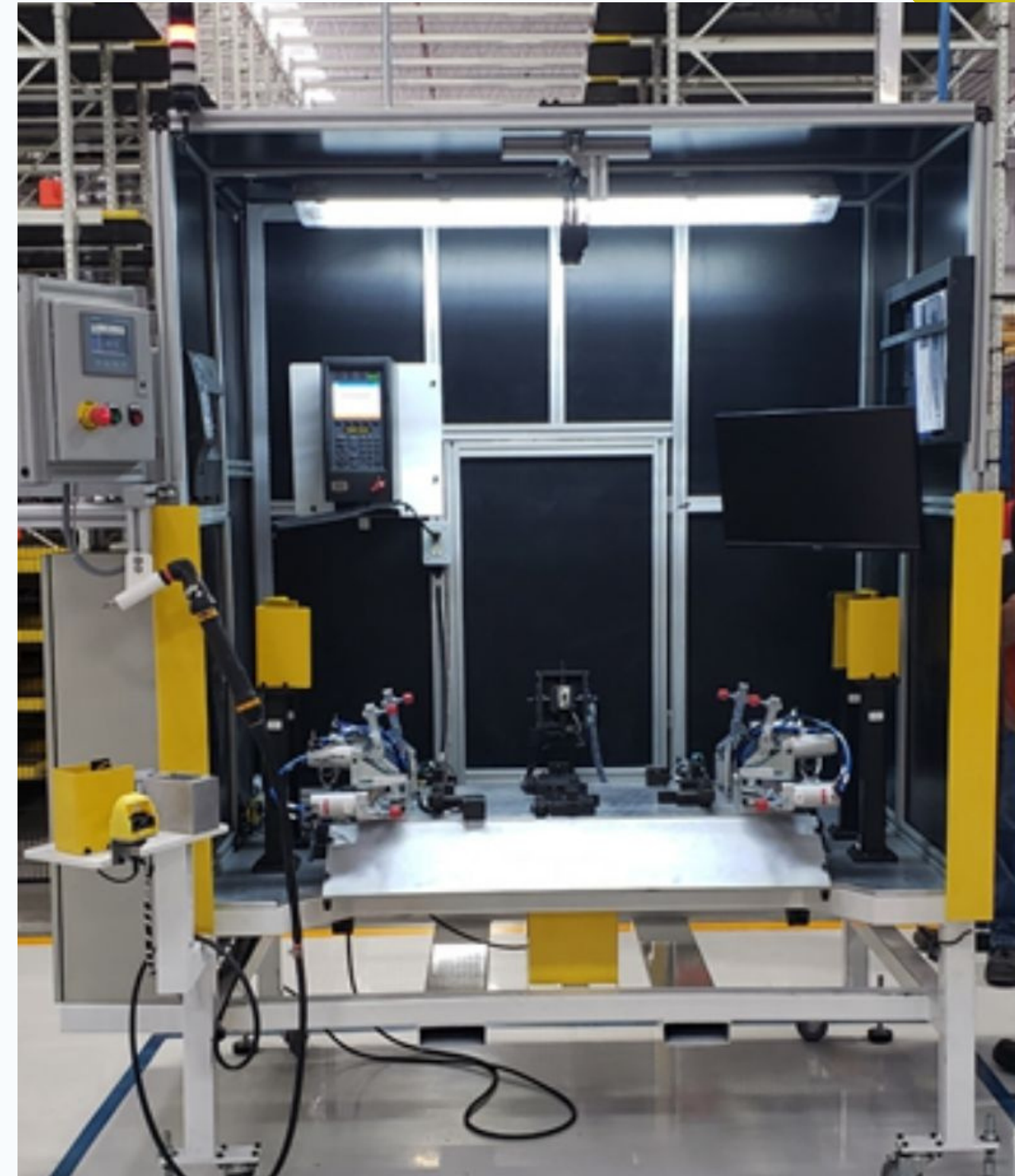
**Semi-automatic
assembly cell**



- Screwing process for plastic components assembly.



Semi-automatic assembly station



LEAK TESTERS

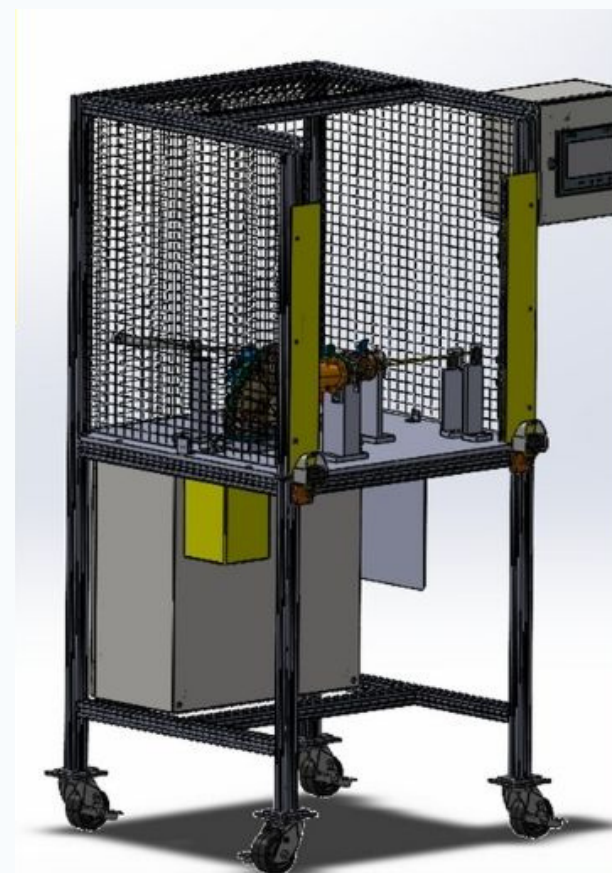


Uson

for good measure



CTS CINCINNATI
TEST SYSTEMS



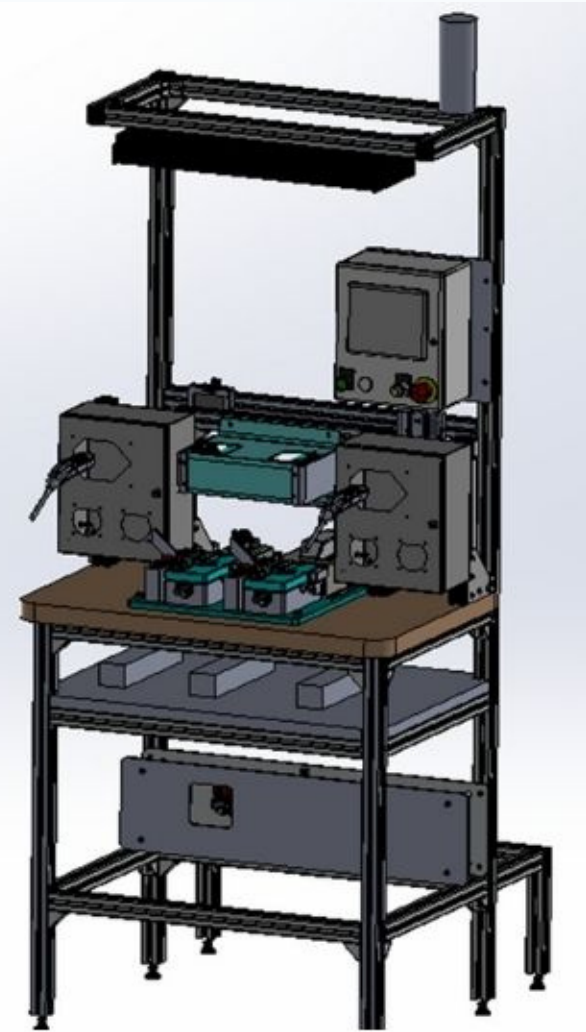
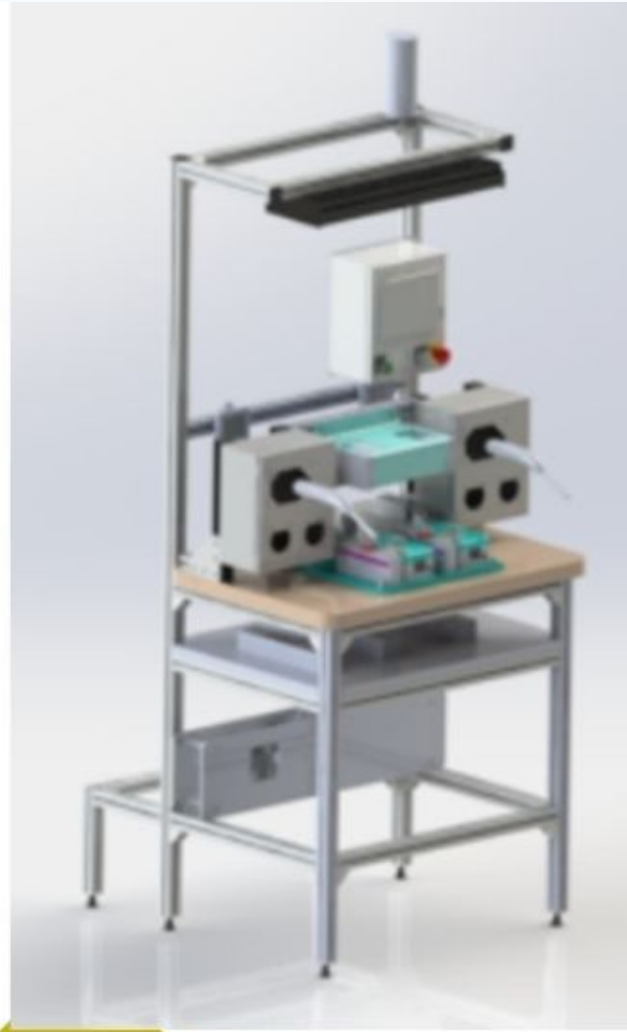
Semi-automatic pok

MOTION CONTROL

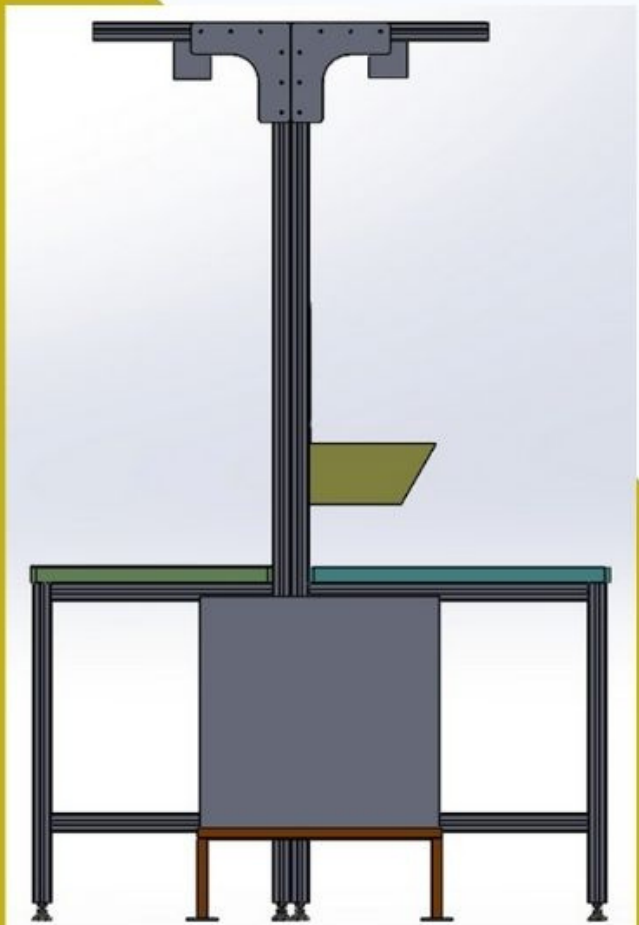
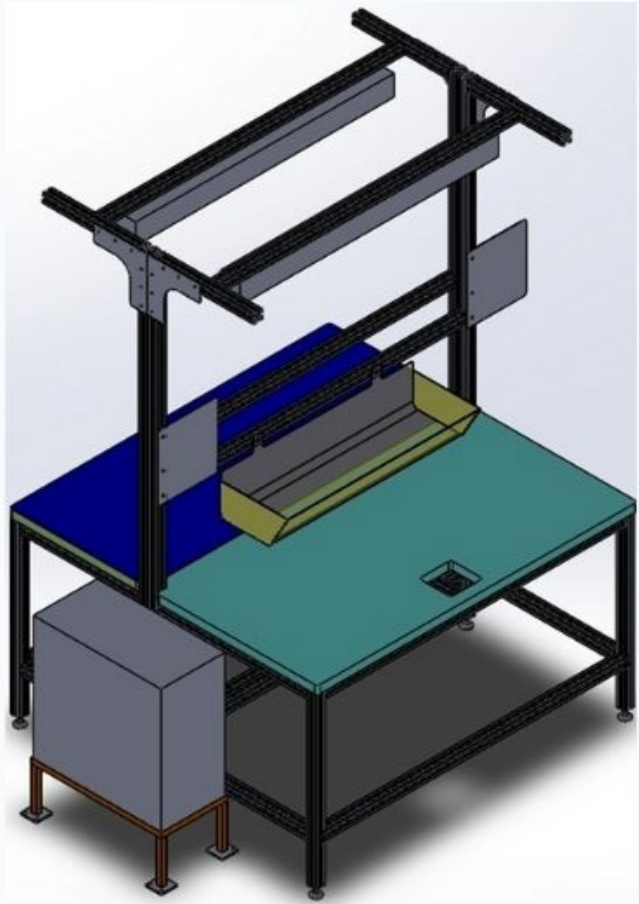
IAI
Quality and Innovation



**Rockwell
Automation**



Electric Vehicle Charger Tester

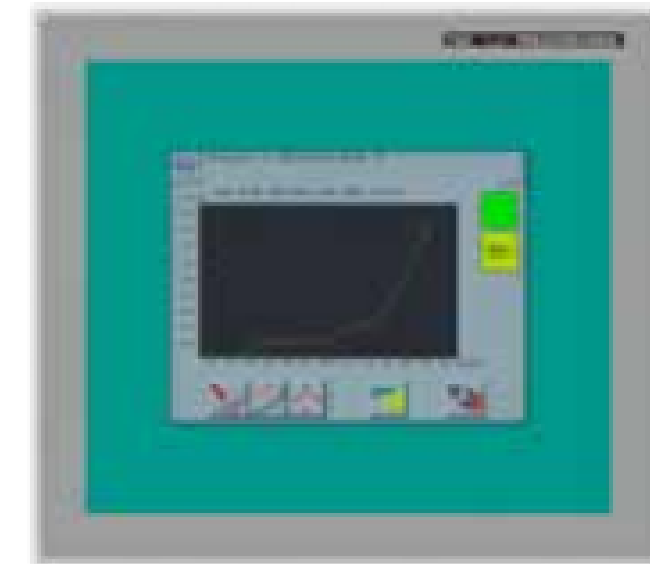


 **ZEBRA**
Honeywell
 **DATALOGIC™**

Traceability station

PRESSES AND FORCE VS DISTANCE ANALYSIS

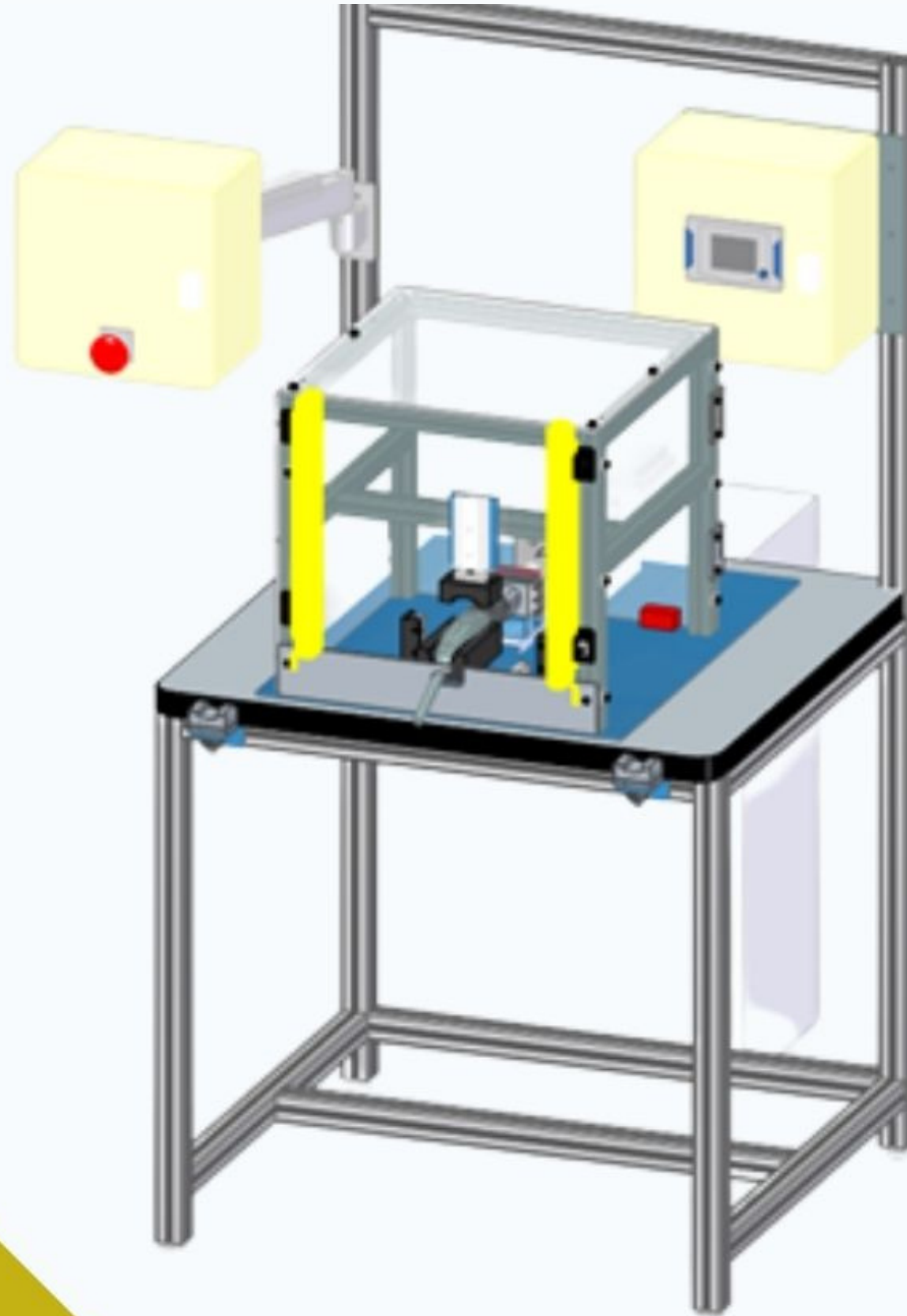
KISTLER
measure. analyze. innovate.



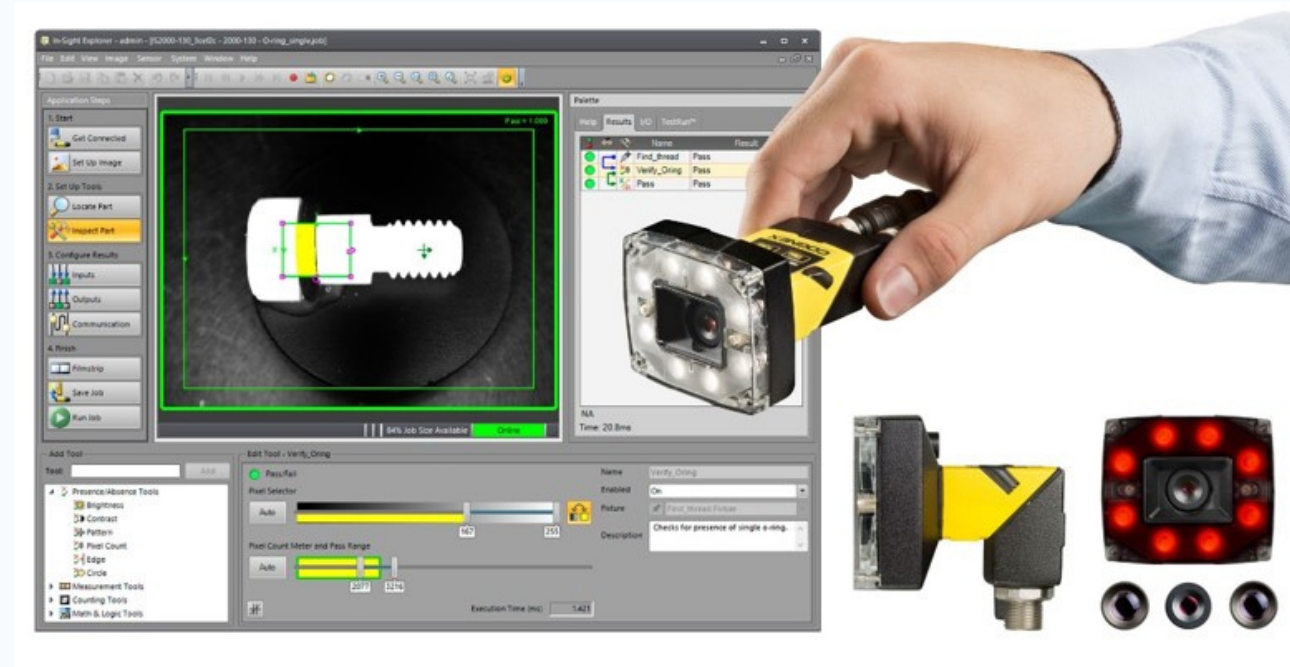
TOX®  **PRESSOTECHNIK**

Force tester

KISTLER
measure. analyze. innovate.



VISION INSPECTIONS



COGNEX

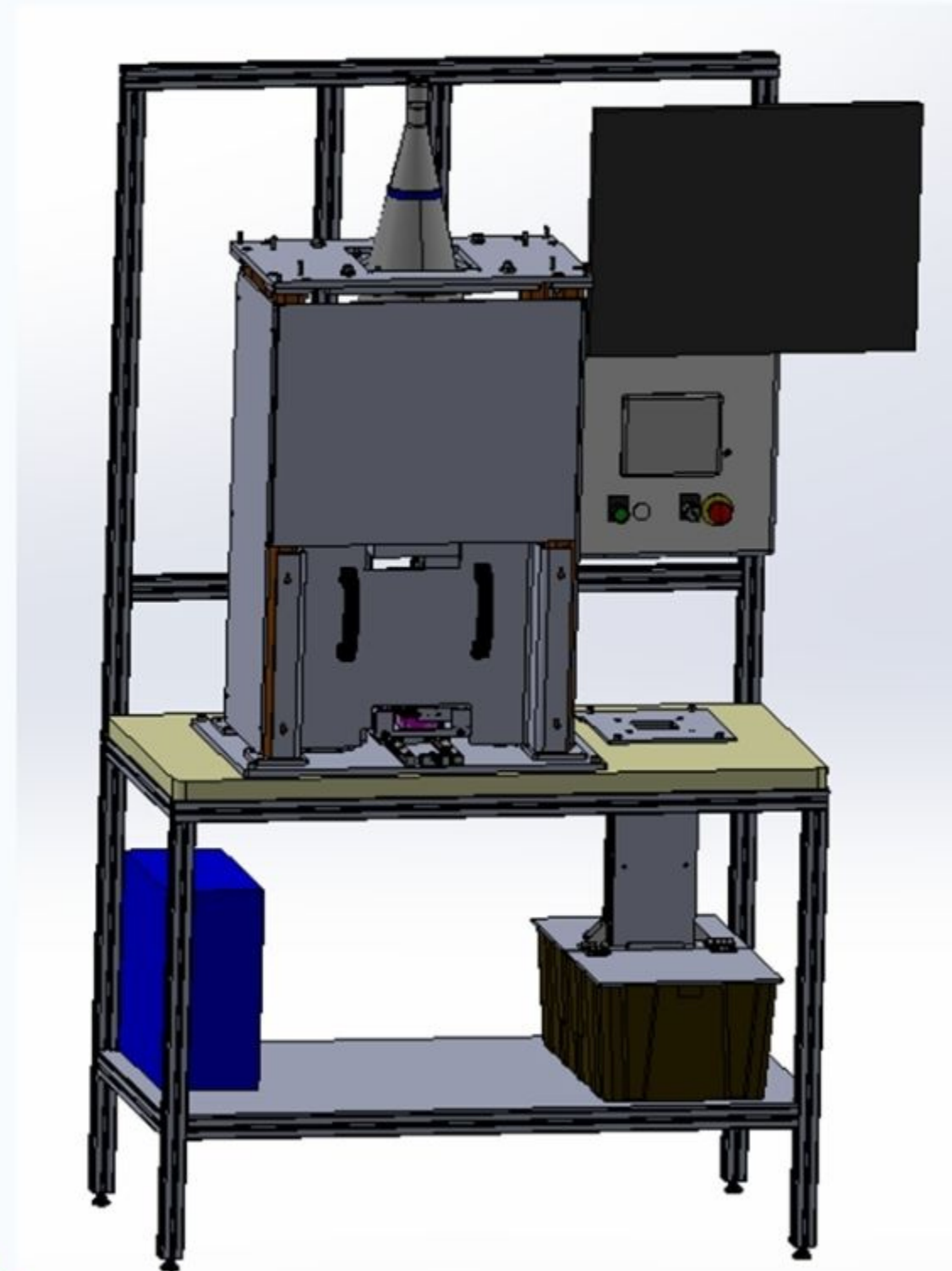


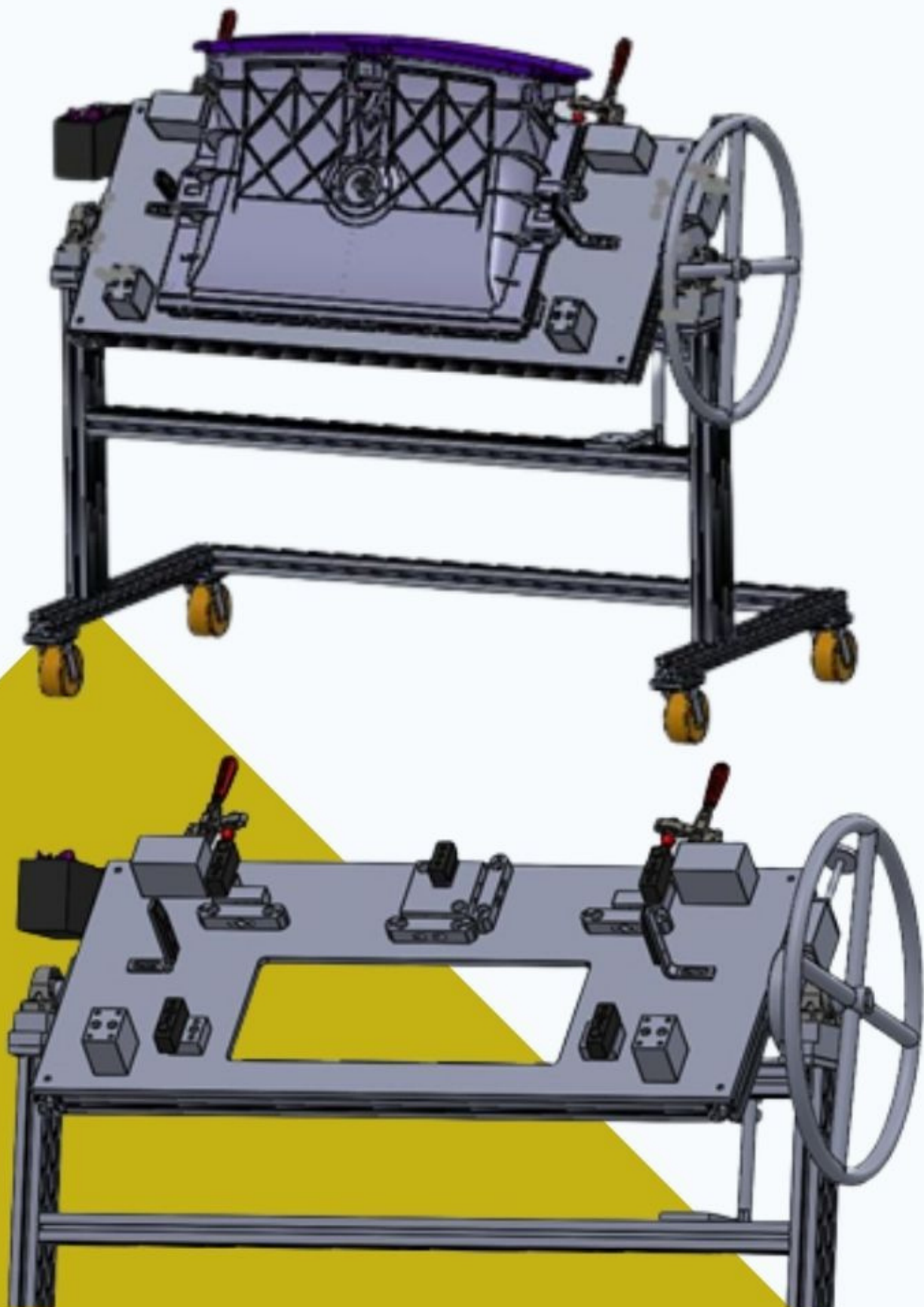
KEYENCE

Vision inspection

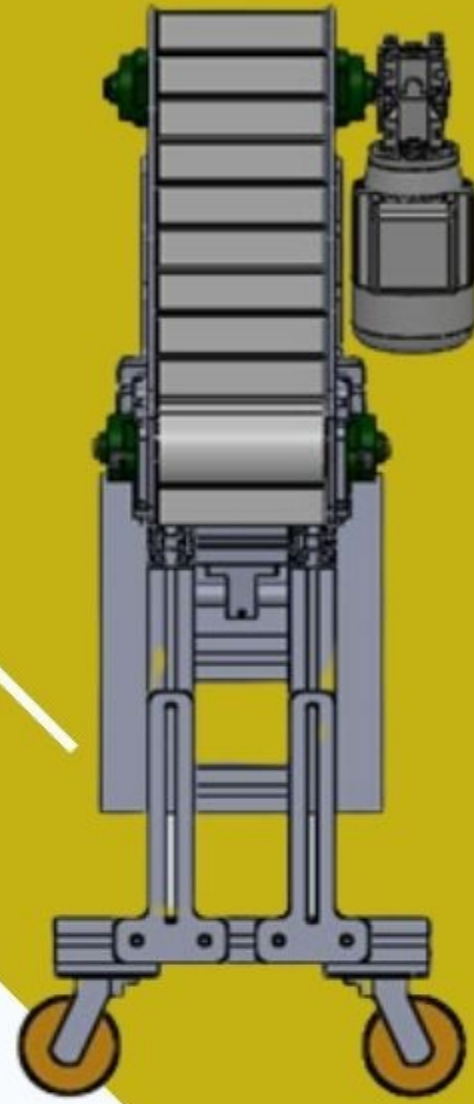
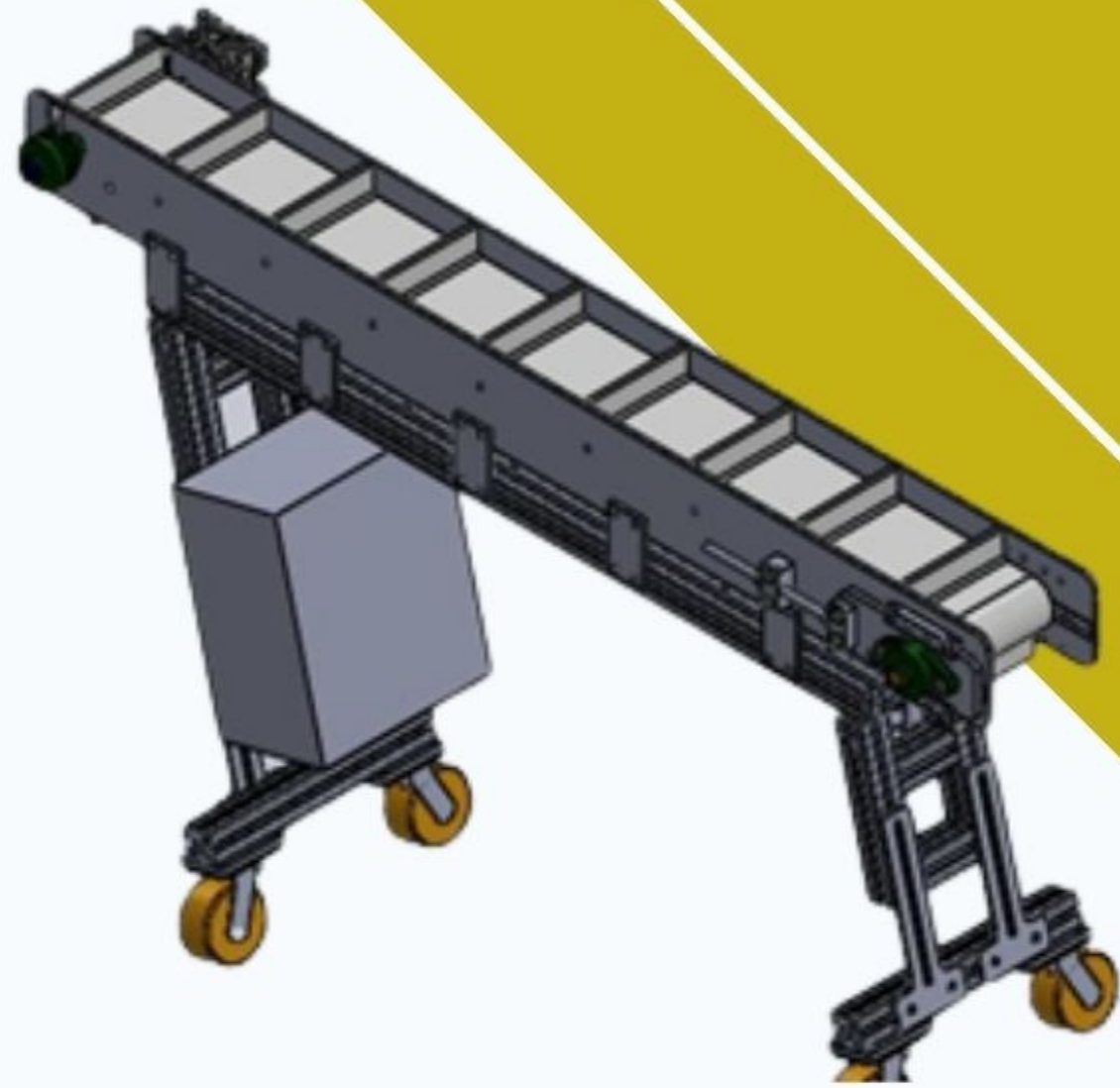
KEYENCE

COGNEX

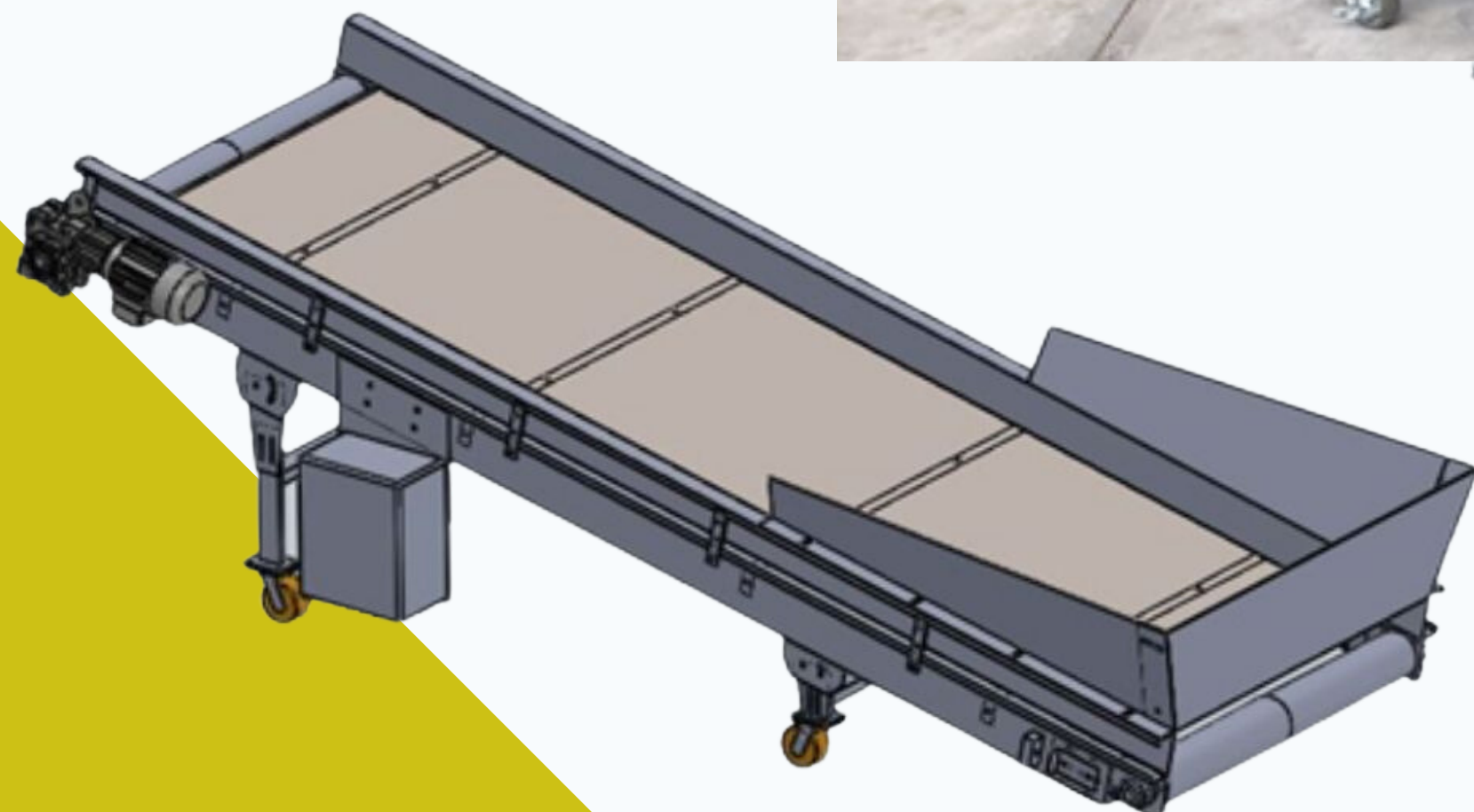




Manual assembly station

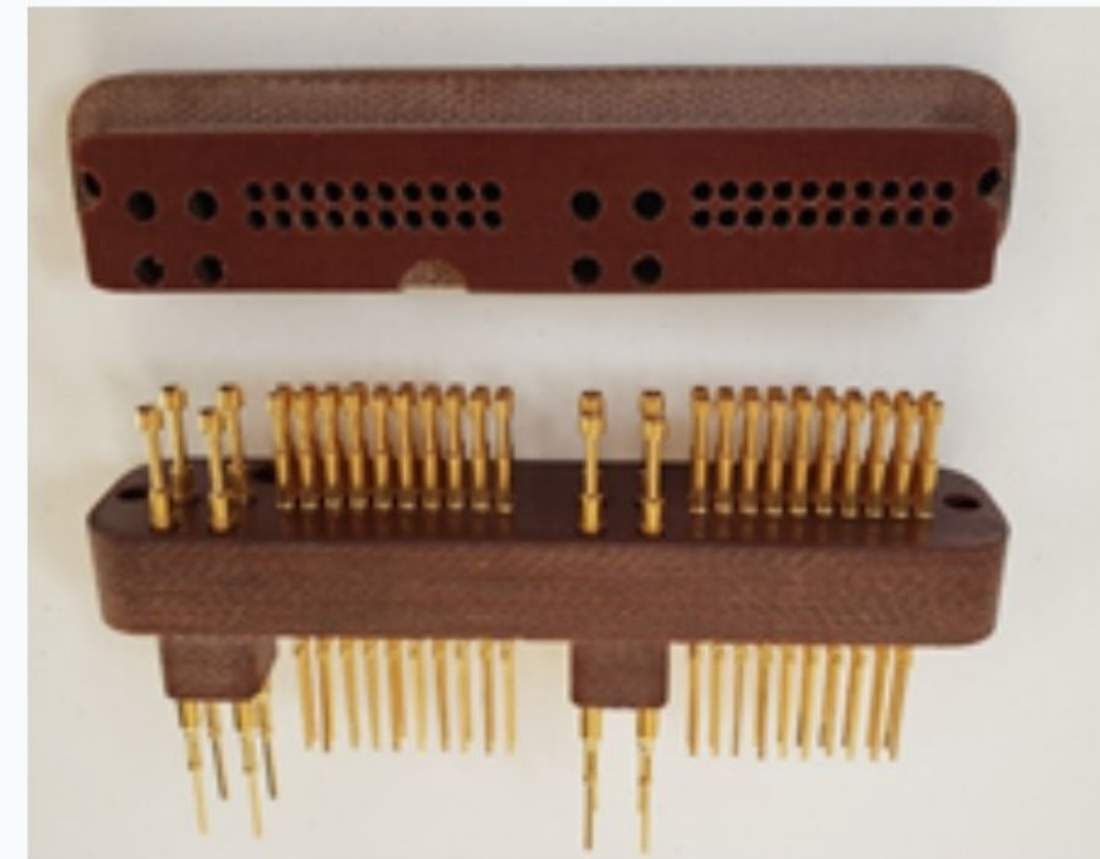
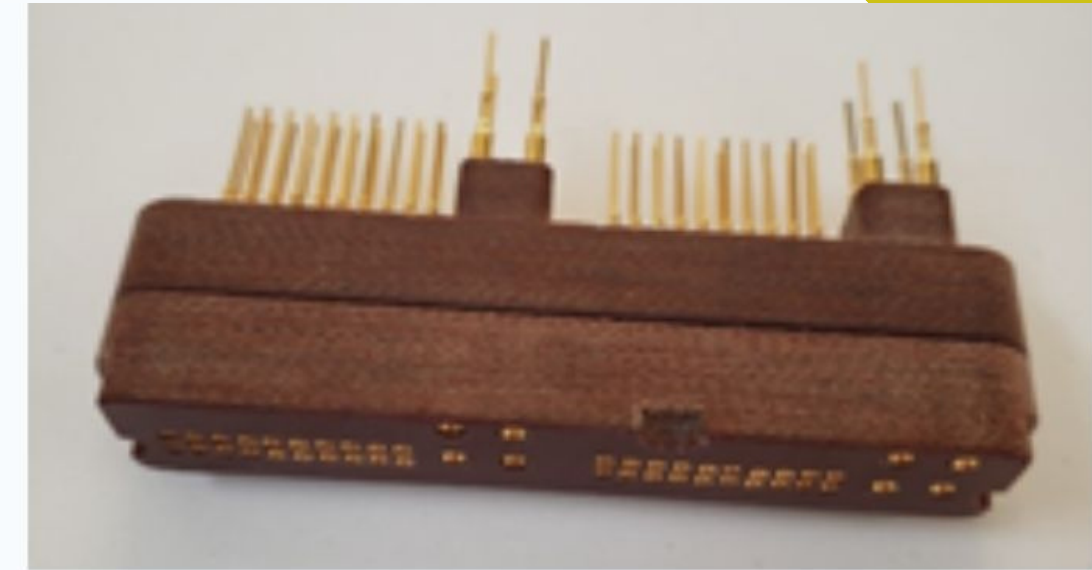
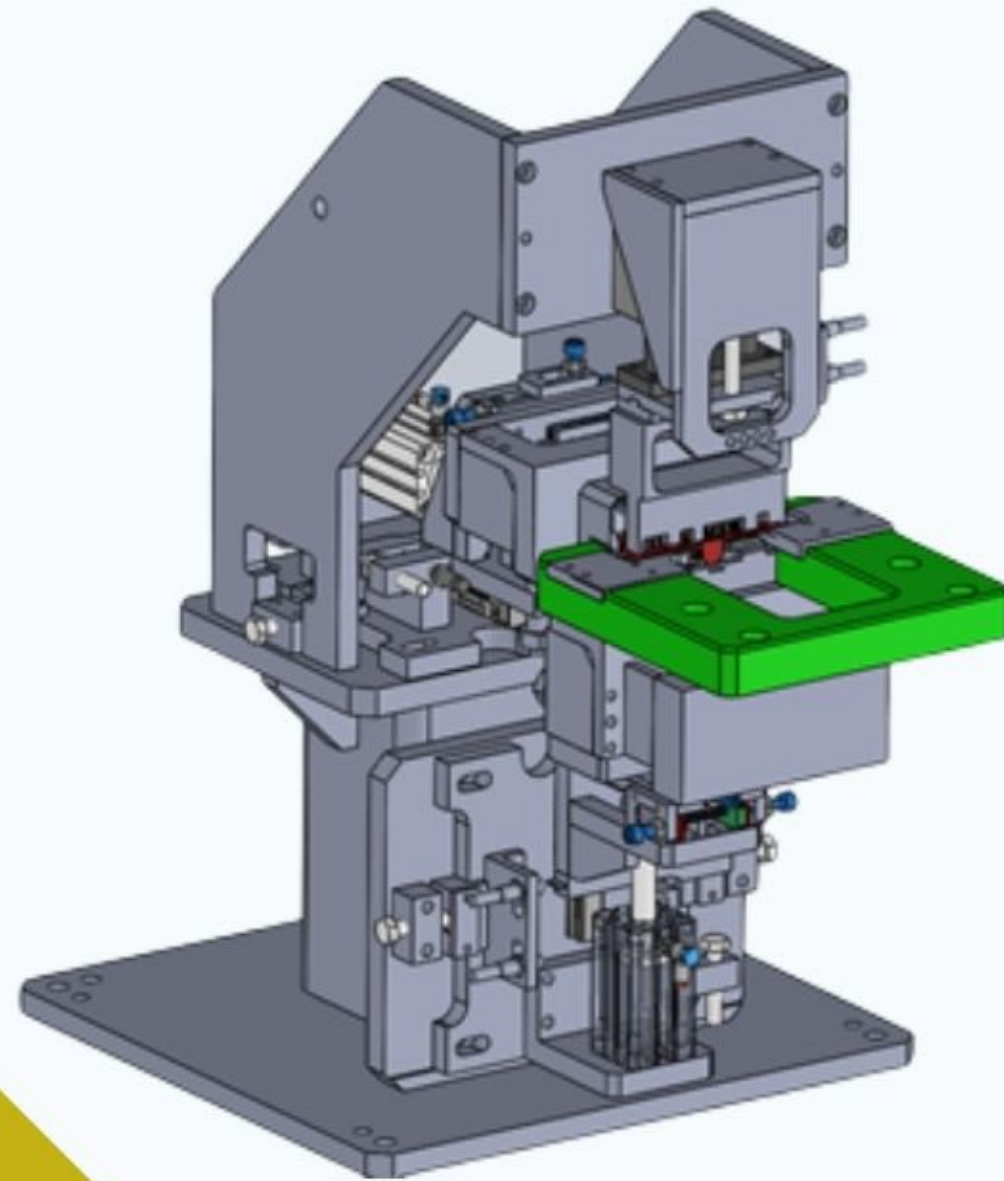
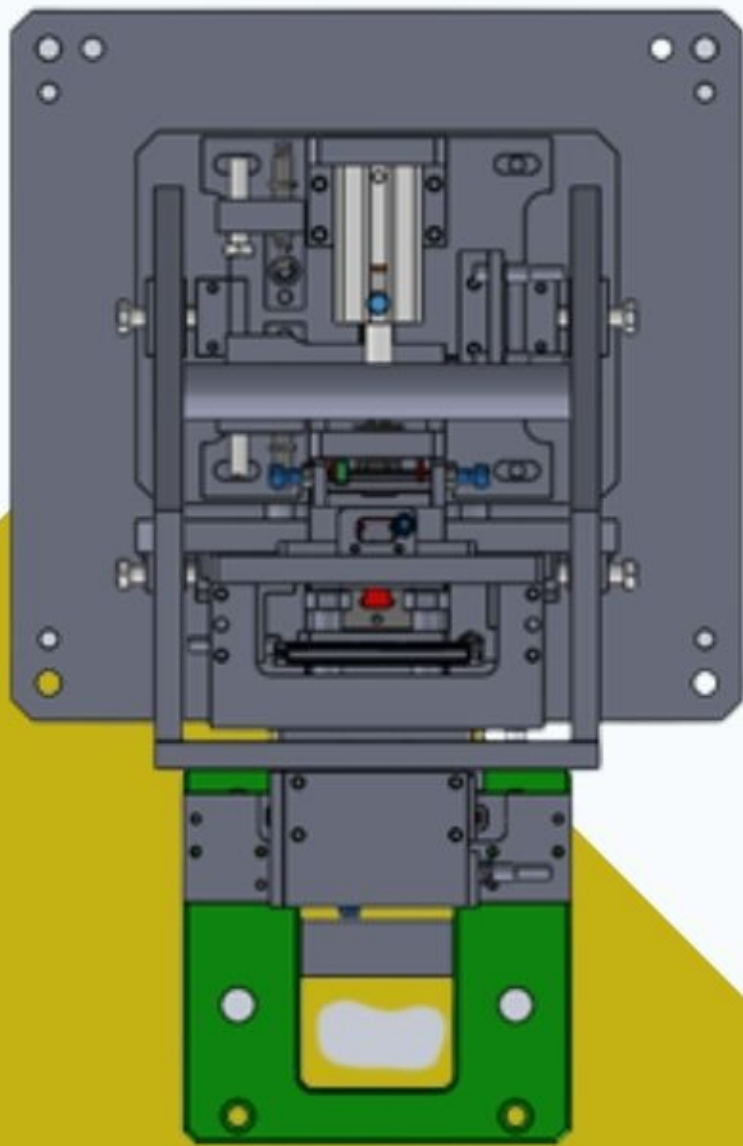


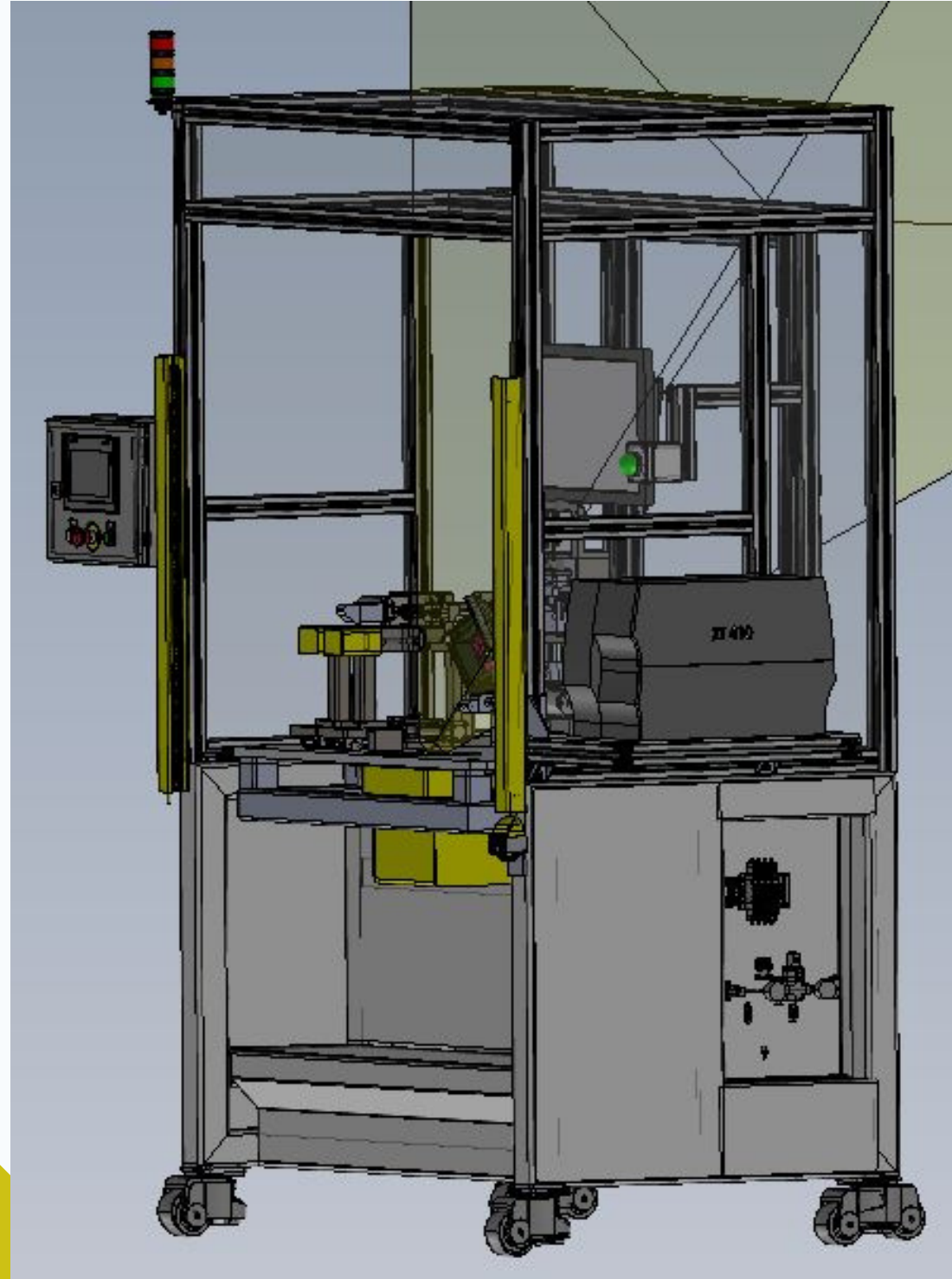
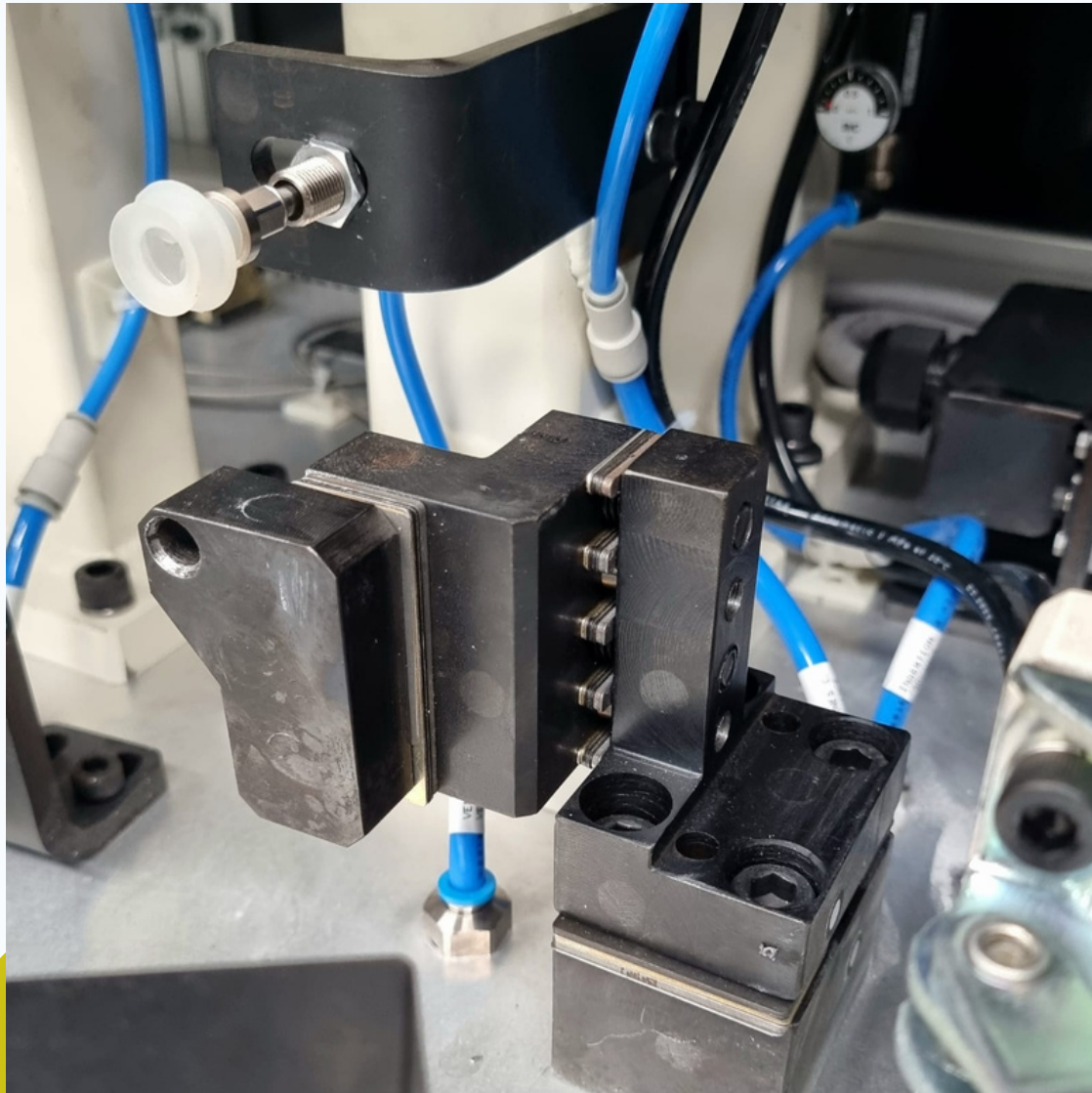
**Conveyors design and
manufacture**



**Conveyors design and
manufacture**

Electrical testers





**Semi-automatic
electrical tester**

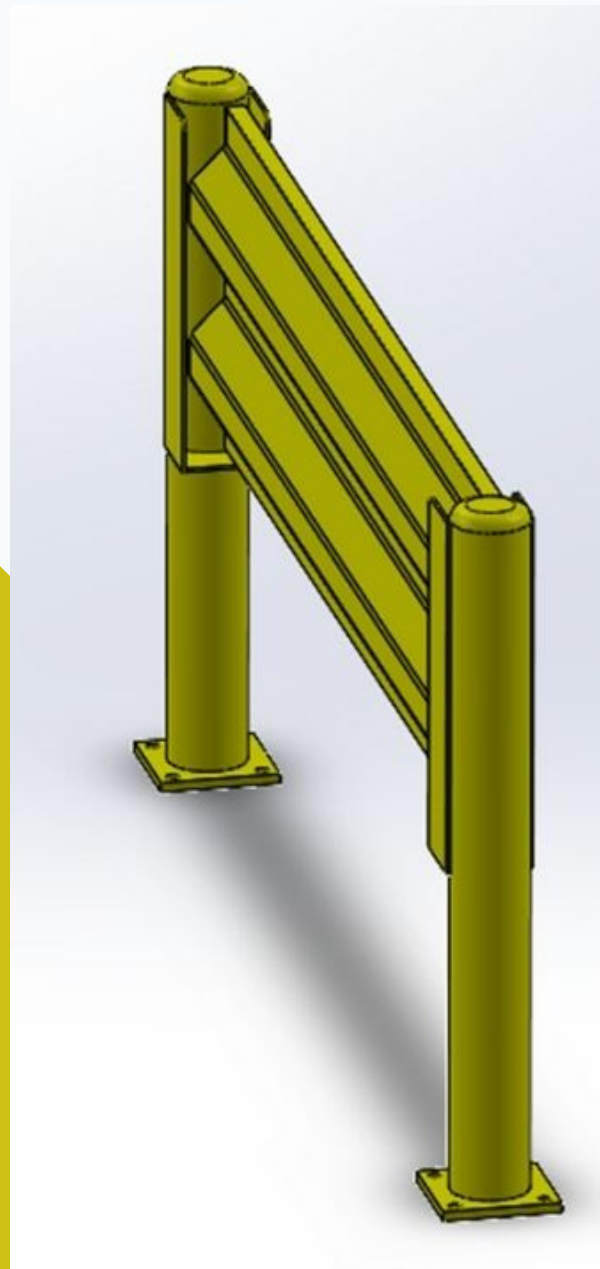


Mechanical Engineering

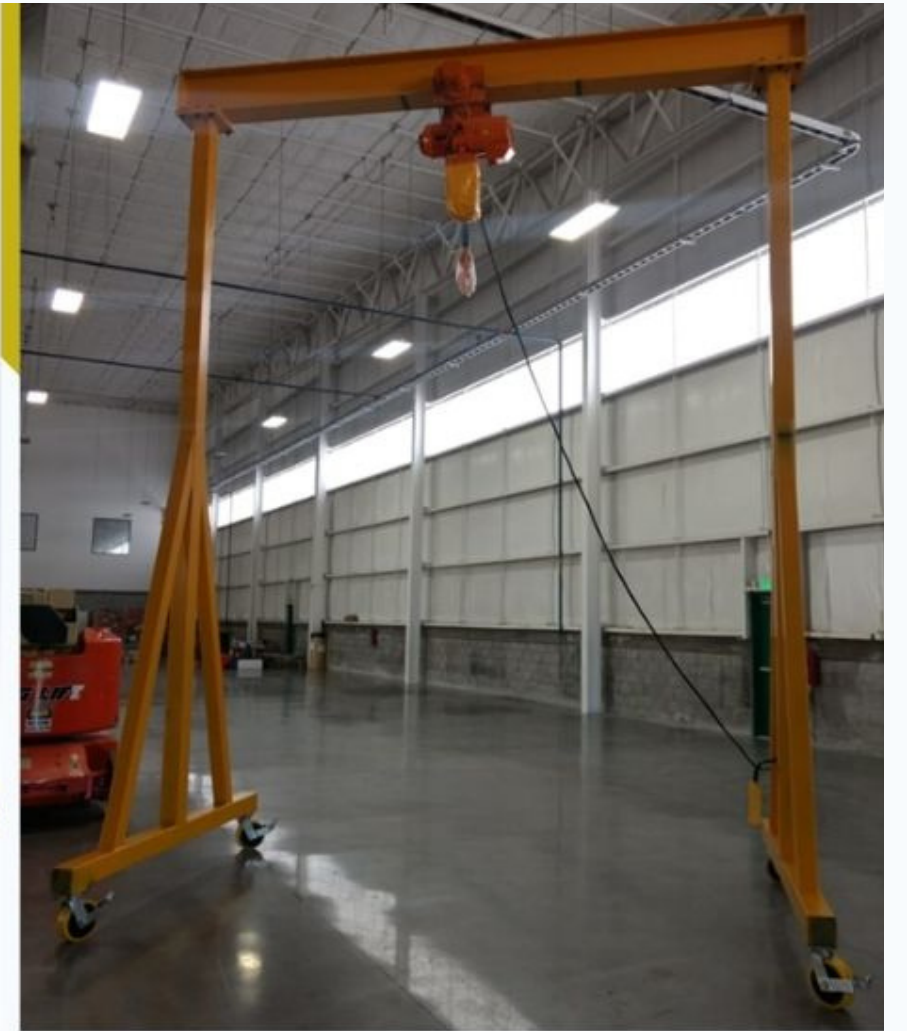
We have extensive experience in the design and manufacture of mechanical parts and devices.

- We manufacture parts for mechanical devices.
- MIG or electrode welding for the manufacture of structures and brackets.
- We handle any type of material such as alloy and structural steels, bronze, copper, aluminum, Nylamid, micarta, etc.
- CAM Software, to perform any 2D and 3D Computer Aided Machining.
- Reverse engineering.
- We carry out mechanical designs in 2D and 3D.
- We handle mathematical models in different formats. Detailed drawings.
- We assemble workstations in aluminum profile.
- Workstations and tooling mechanical design.

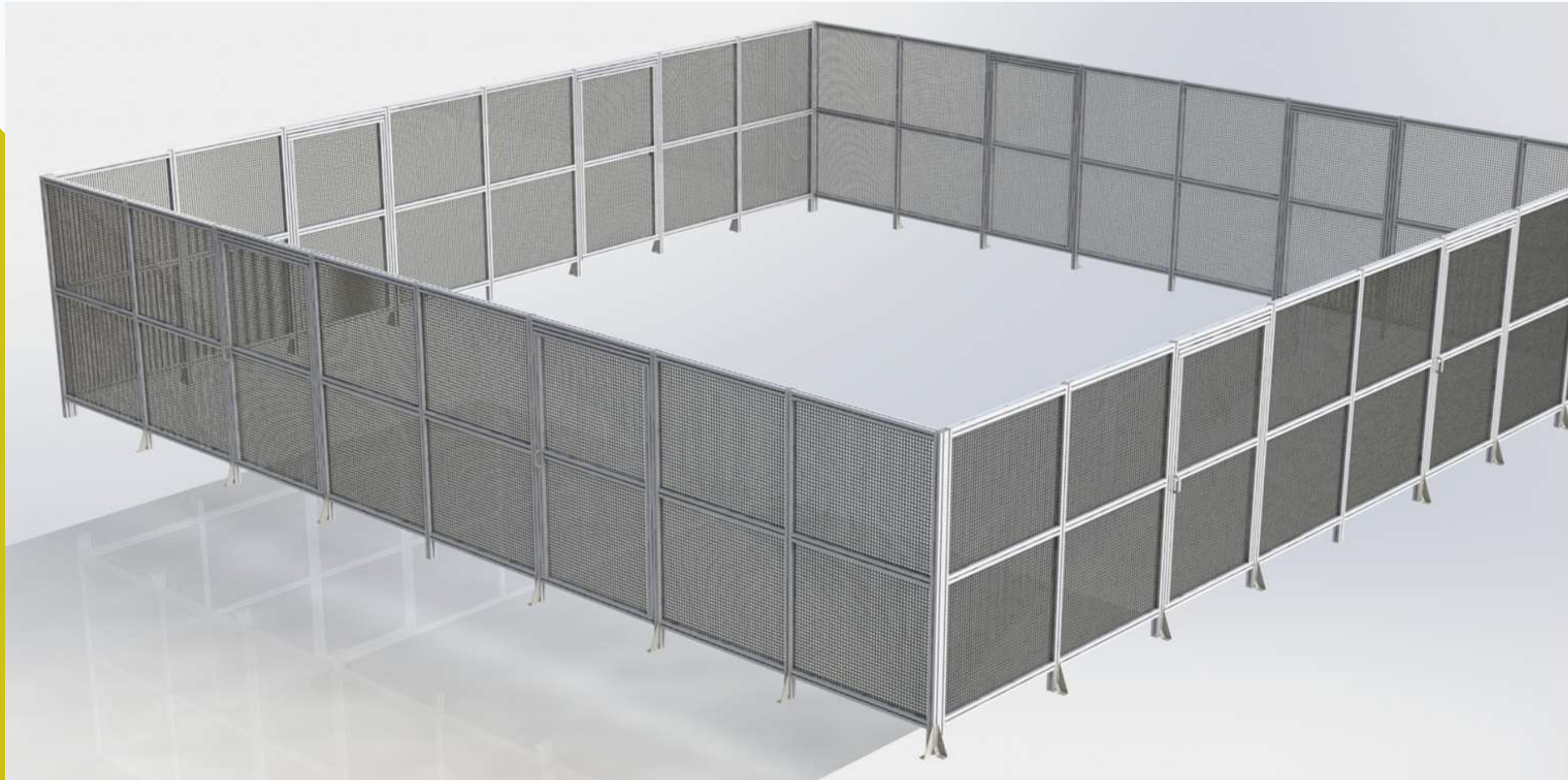
Security barriers



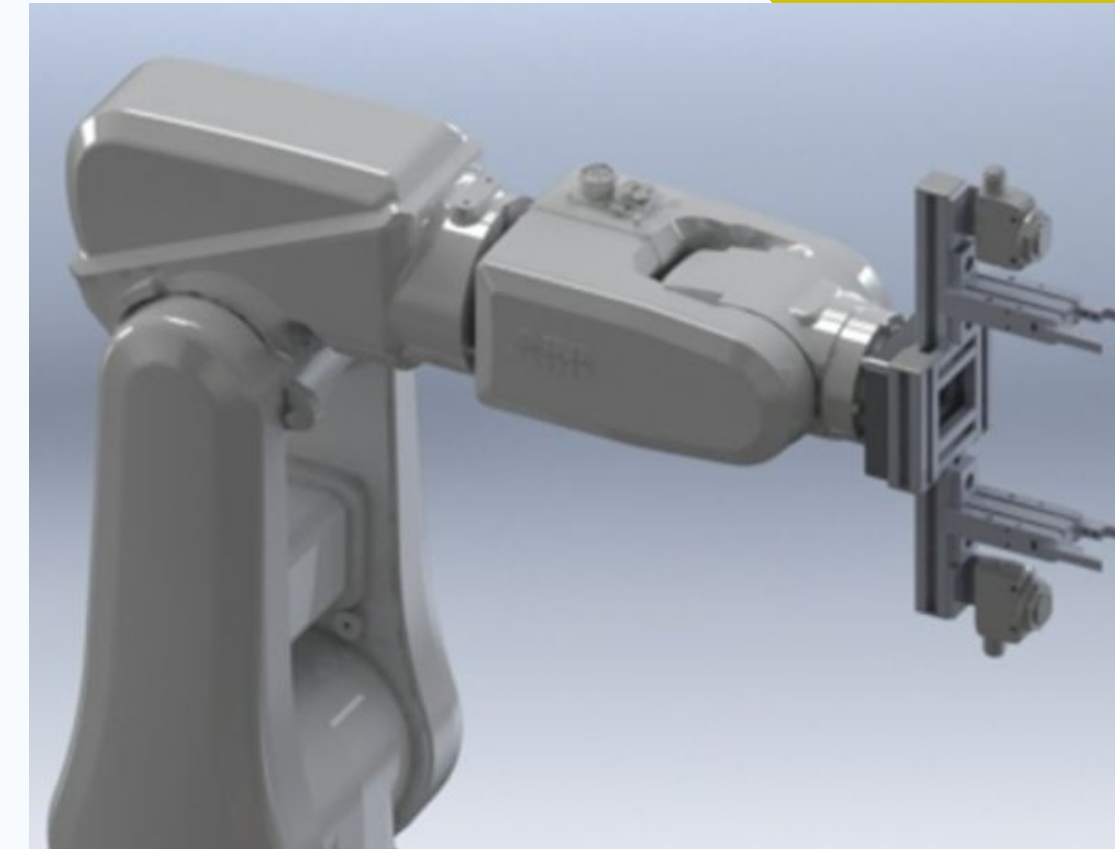
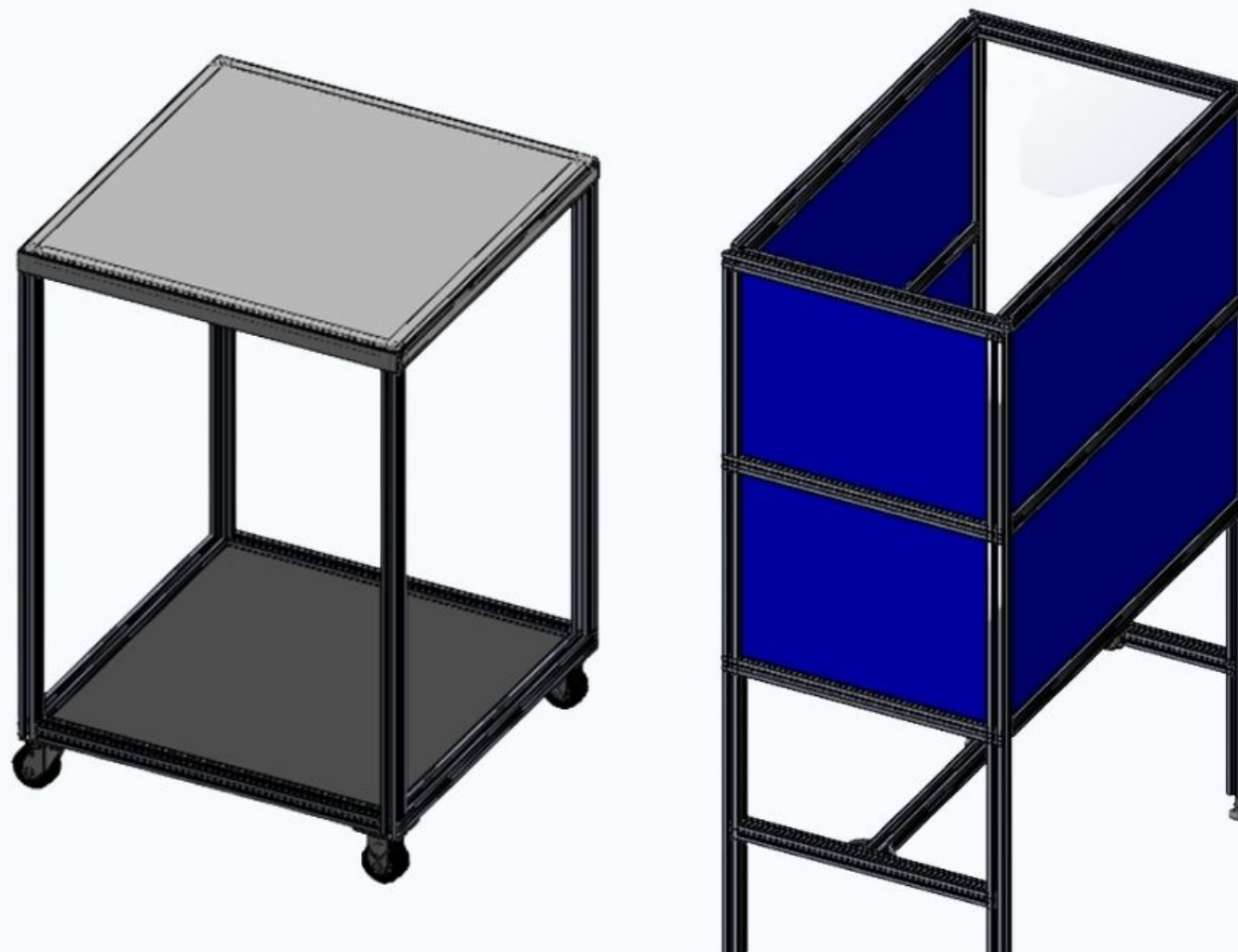
Steel structures



Perimeter guards

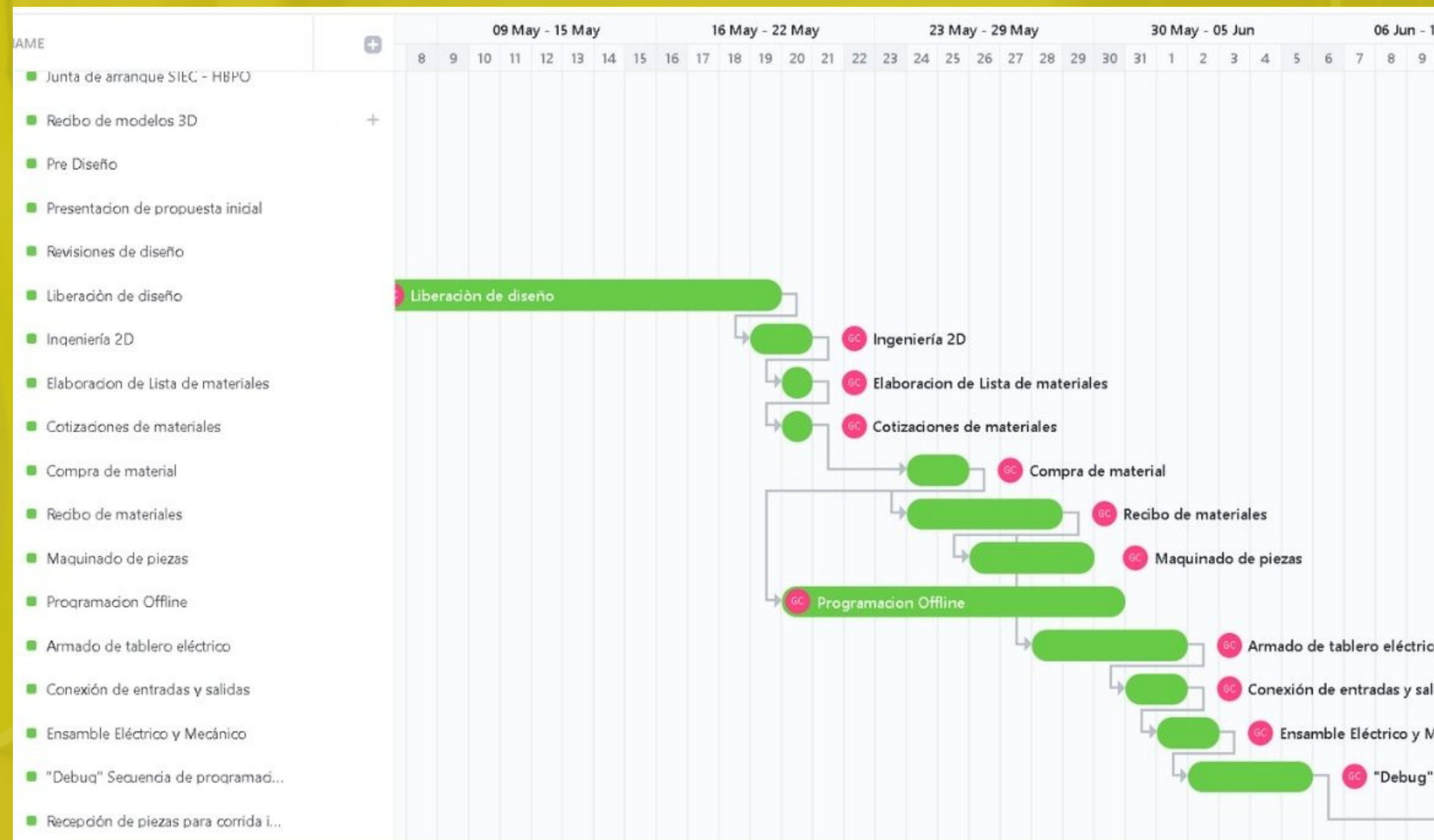


- **End of arm toolings (EOAT)**
- **Work stations**
- **Metrology stations**
- **Transport trolleys**



CRM (Customer Relationship Management)

We have a customer relationship management model, which allows you to view your project status in real time from anywhere.



Our Customers

• **A P T I V** •

Delphi
Technologies



Contact Us

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