



Industrial Automation



About Us

DATE OF ESTABLISHMENT: 2009

Vision

Our company is National / International in order to increase the effectiveness and efficiency in the market continuous improvement of our own methods their field of expertise, who led Turkey to be a reliable and reputable organization in the industry.

Mission

Our service quality constantly customer demands and expectations top for levels to cater our consumers with a strong emotional communication between create a link and ensure customer loyalty



About Us

Raykom has been a specialist in industrial automation for over 10 years and we work, manufacture and install industrial automation systems.

Our strength is more than 10 years of "automotive industry" experience, from manufacturing to the final assembly line workshop.

In automation and mechanical workshops: we offer processing, Assembly, chassis service, turnkey projects.



About Us

Employees : 32 Personnel

Administrative Management : 3 Personnel

Project management : 4 Personnel

Electrical and mechanical design : 6 Personnel

Automation: 3 Personnel

Robotics: 3 Personnel

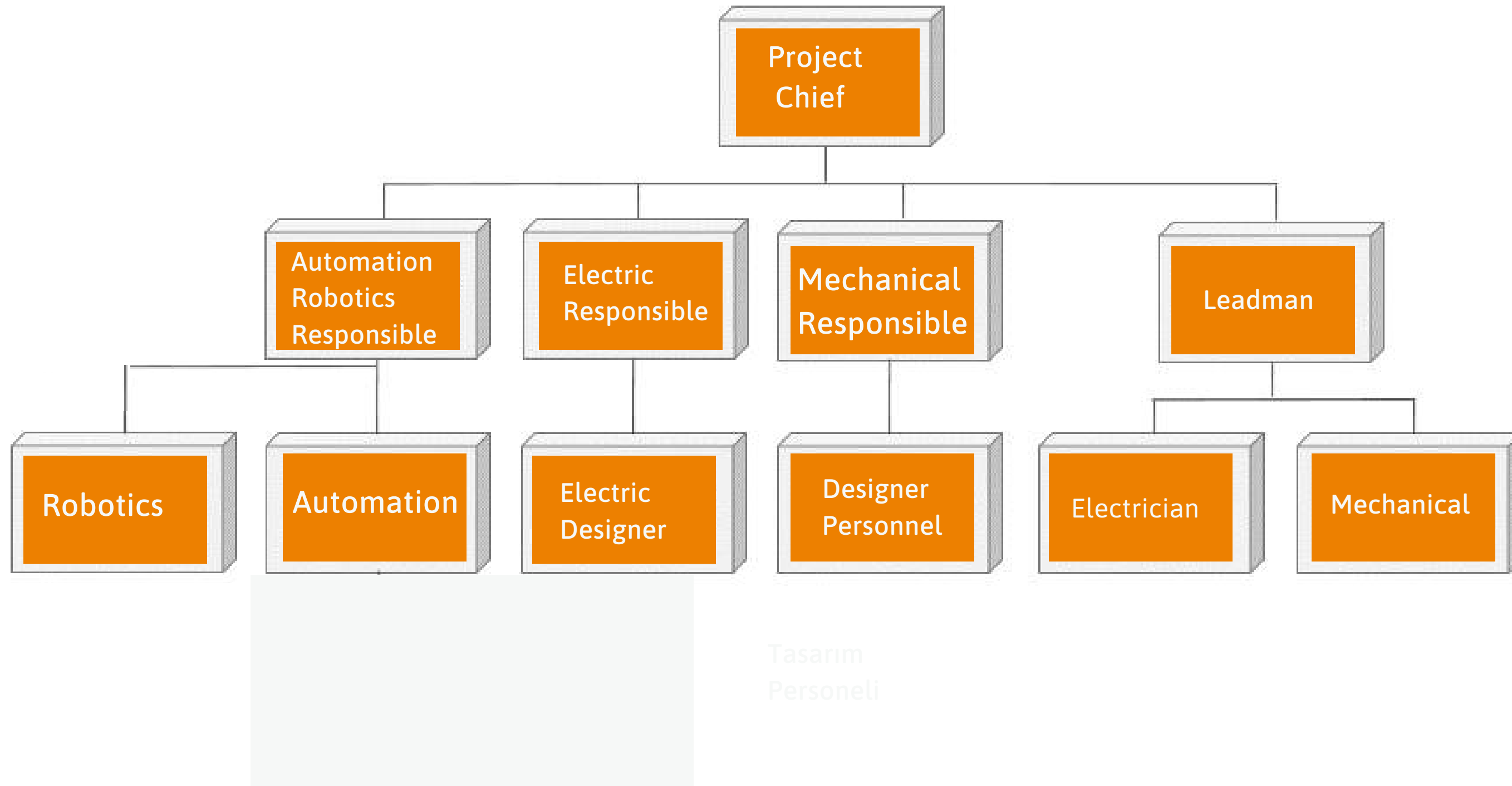
Electricians : 6 Personnel

Mechanics : 7 Personnel



About Us

Organizational chart Project



References



MAIN ACTIVITY FIELDS

Automation - Robotics



Training, Development and Commissioning

Electric



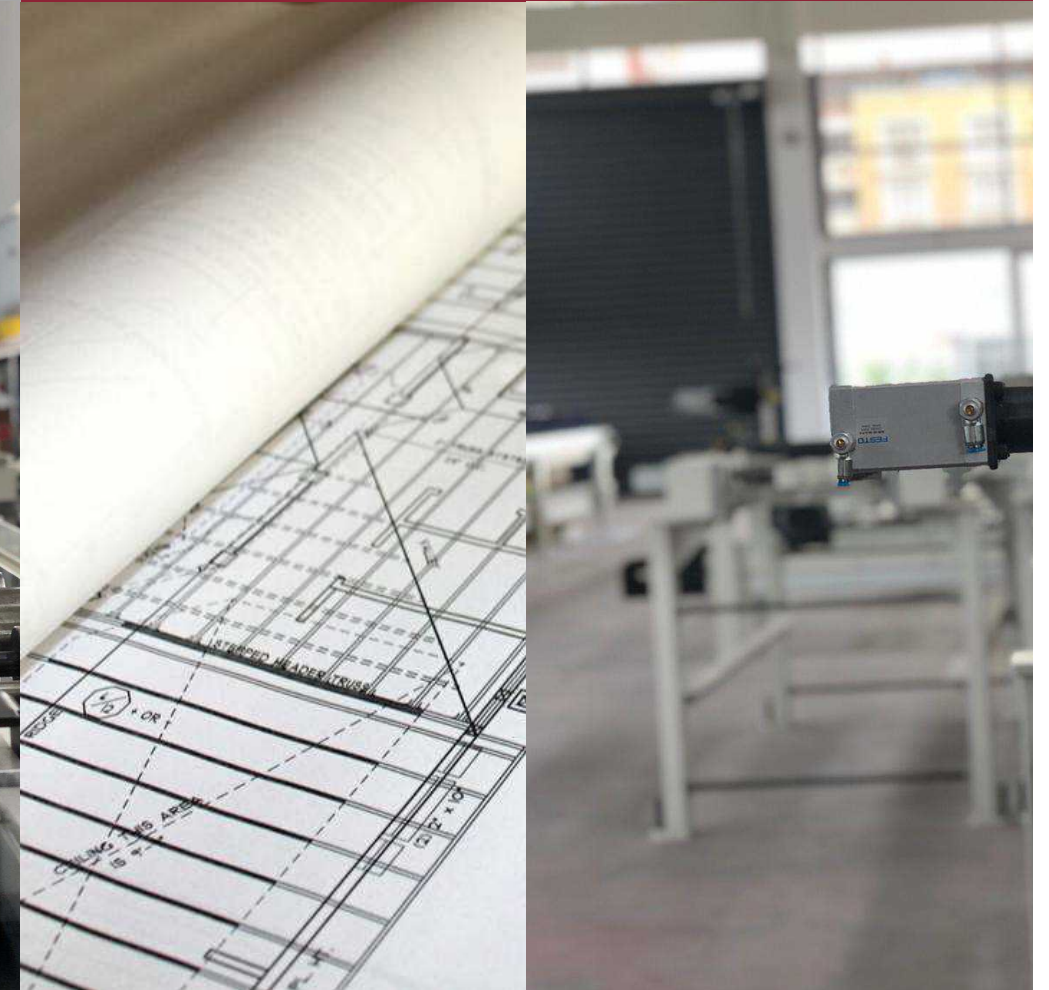
Cabinet, wiring, assembly

Mechanical



Application - Editing

Design - Simulation



Robcad, KUKA

Manufacturing Capabilities



MACHINING CAPACITY PER YEAR

: 86.400. H.

DESIGN CAPACITY PER YEAR

: 8.100 H.

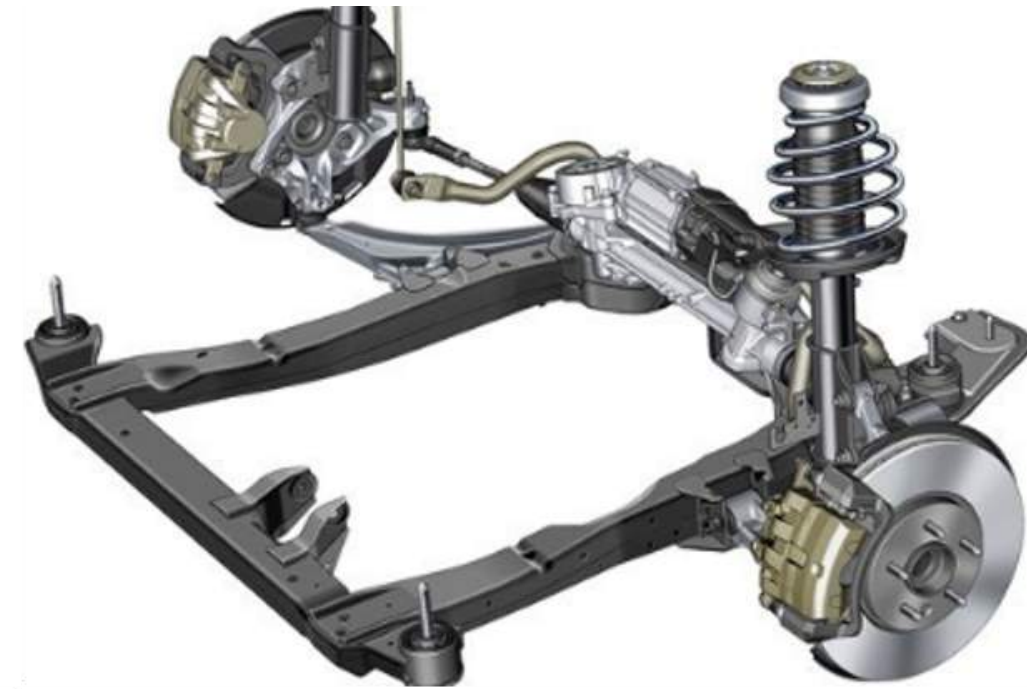
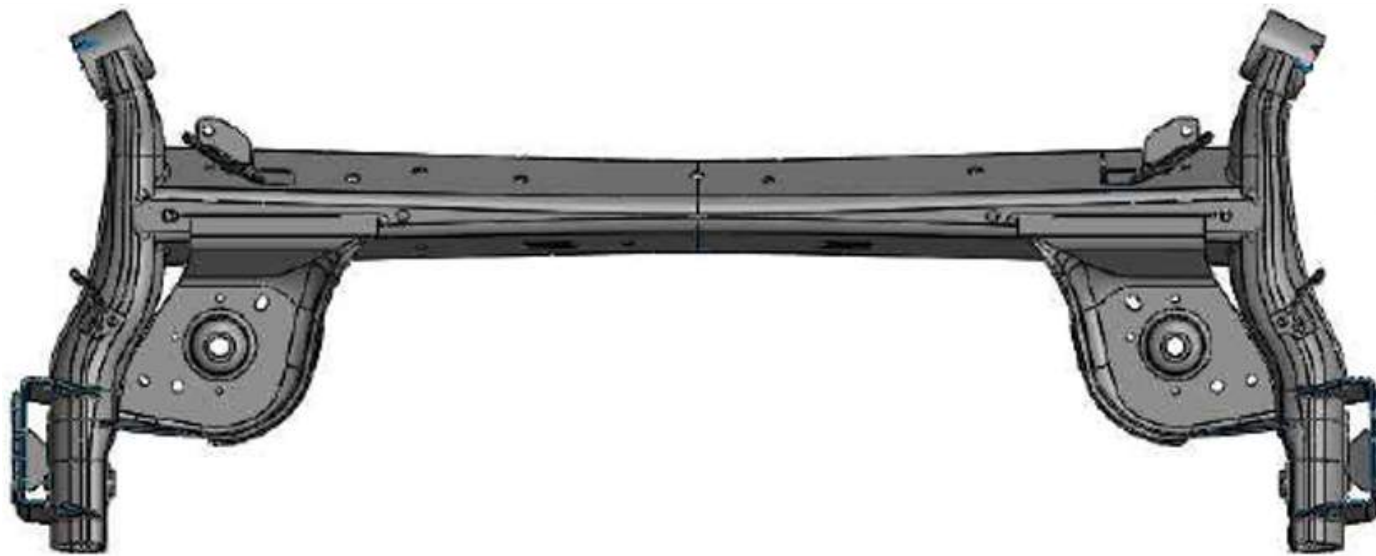
ASSEMBLY CAPACITY PER YEAR

: 35.100 H.

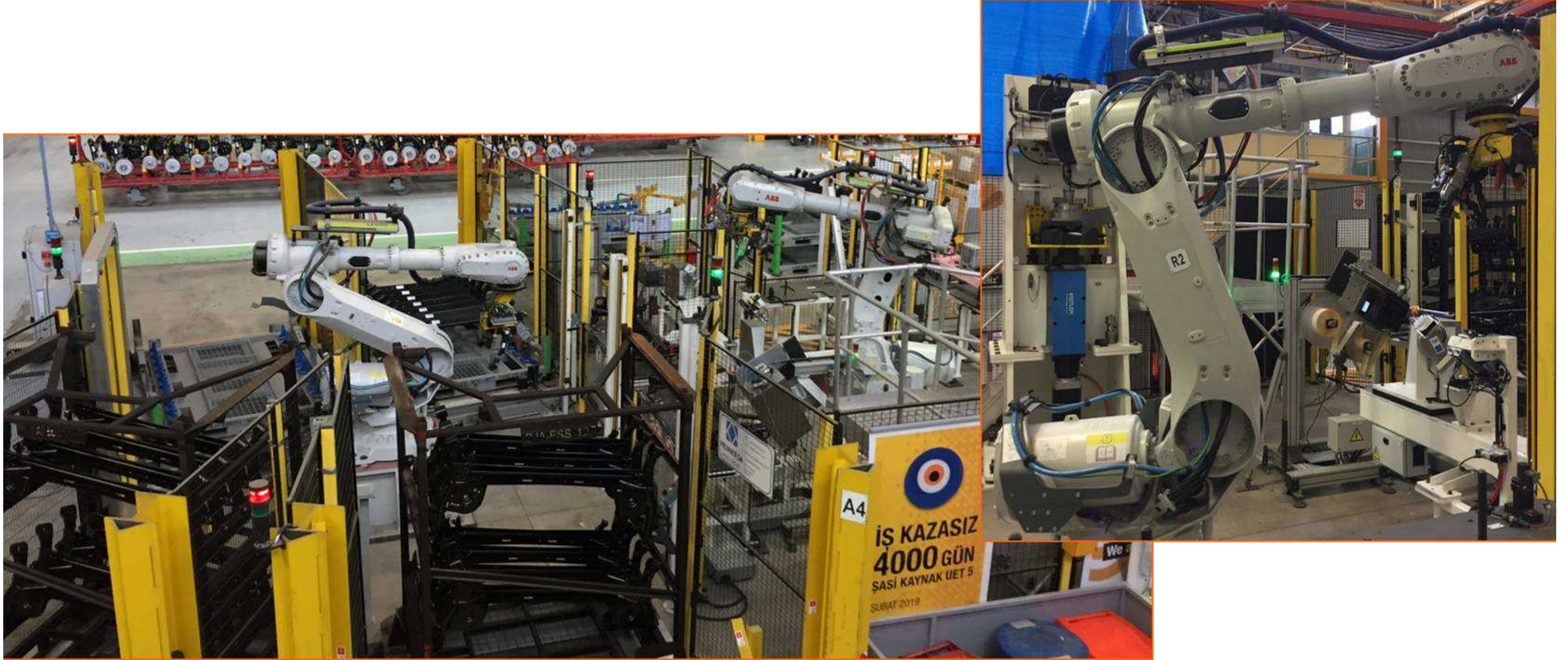
AUTOMATION - ROBOTICS CAPACITY PER YEAR

: 16.200 H.

Projet Chassis

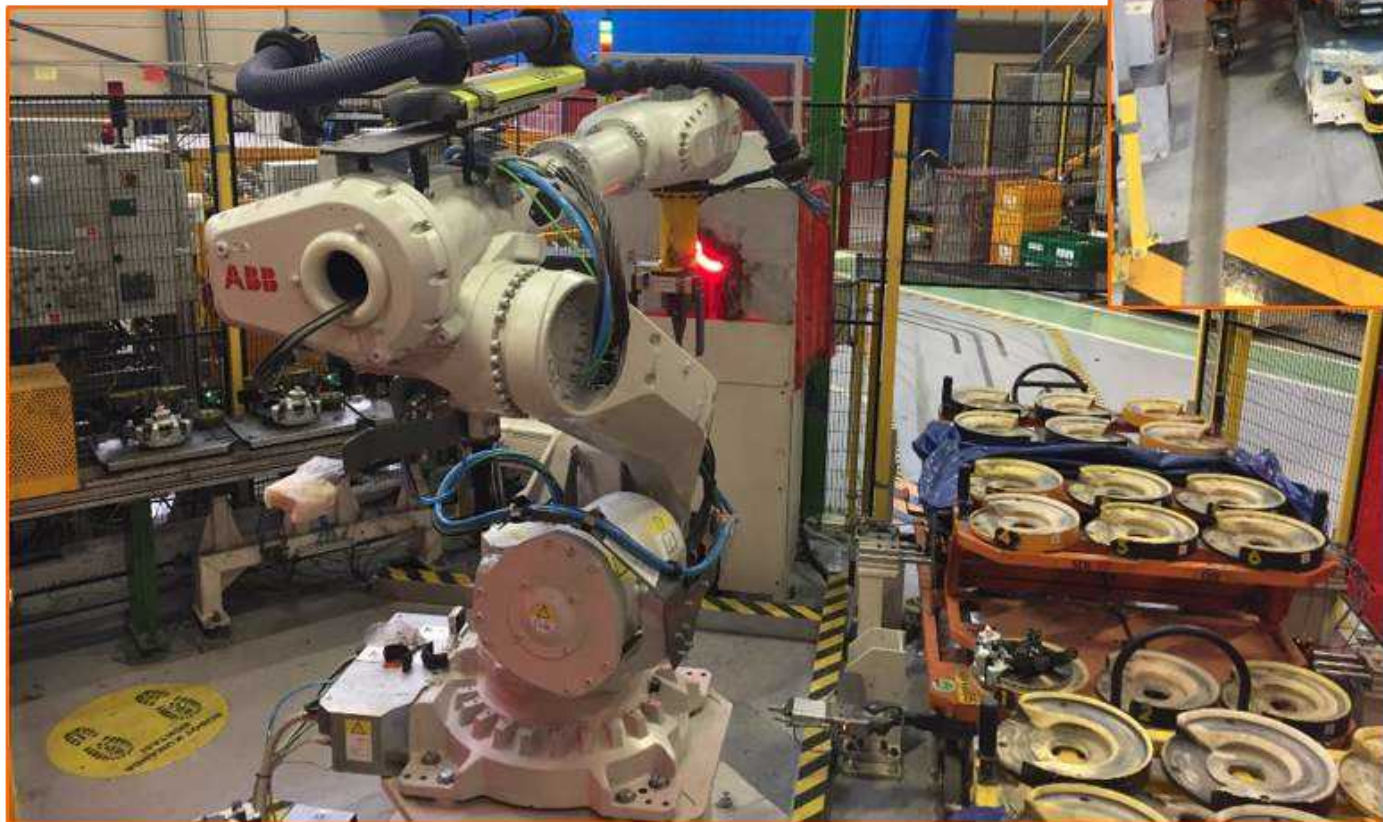


Ilot Chassis

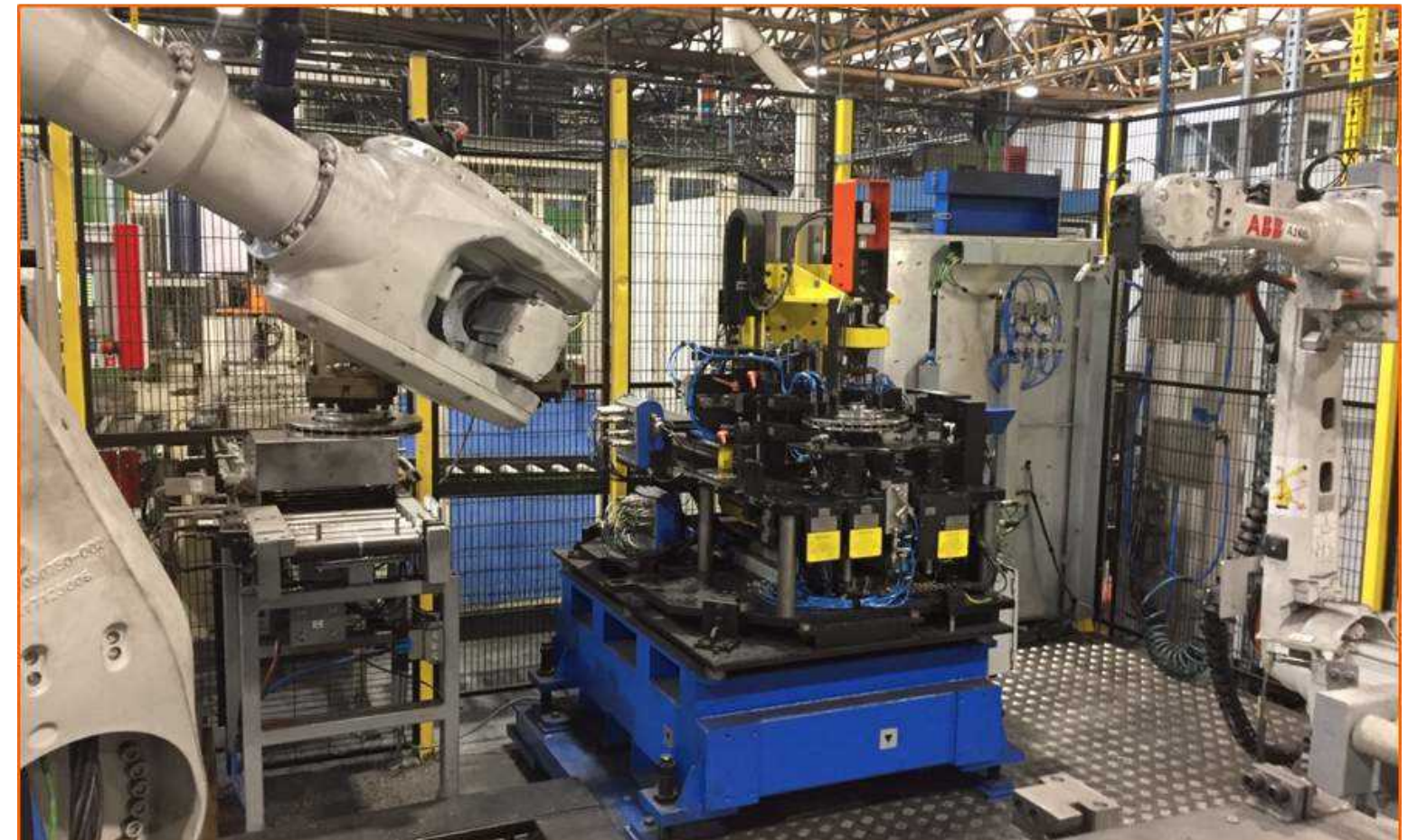


Chassis

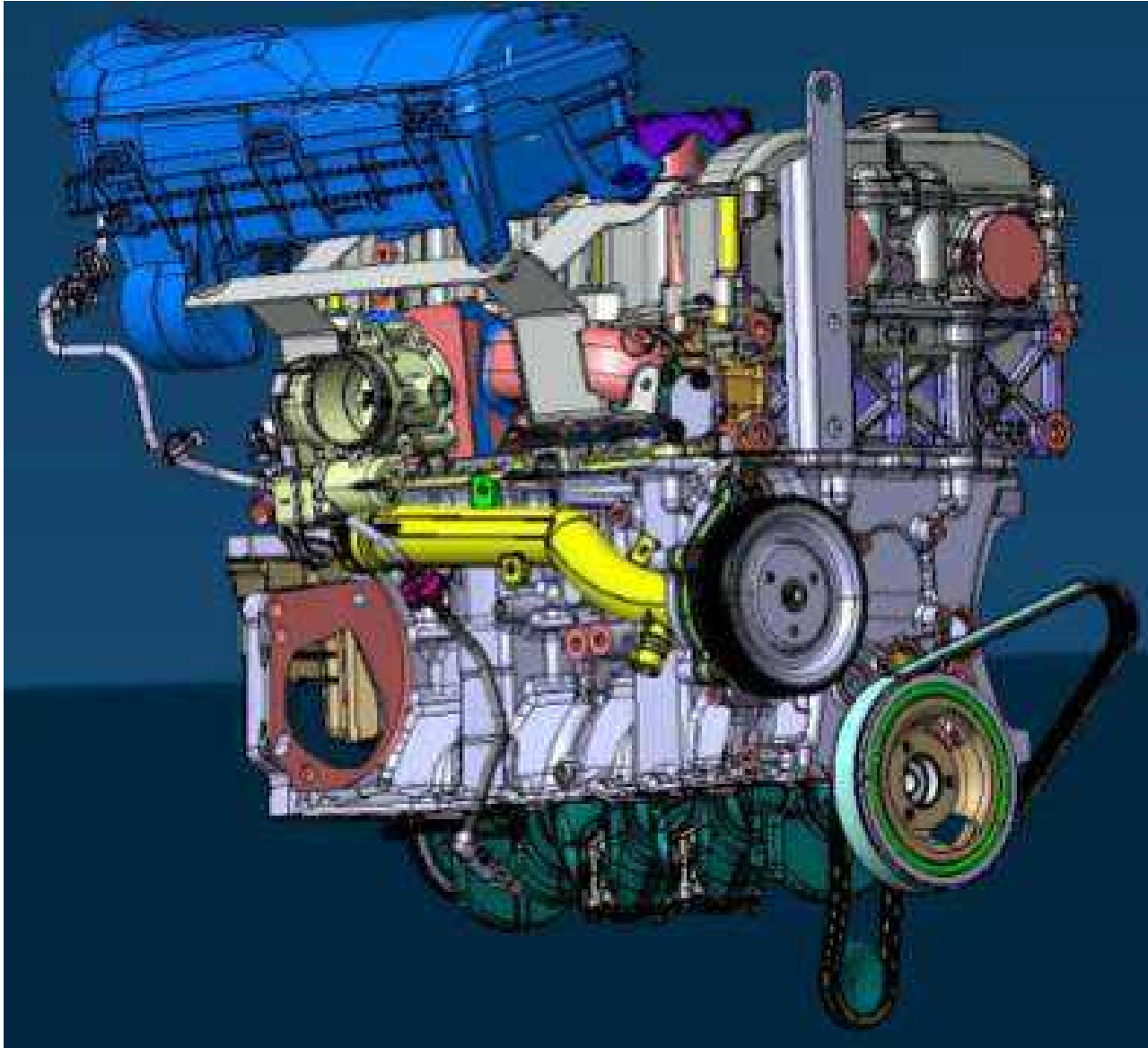
TAV unloading



Disk Control



Renault project Other Workshops



Engine Assembly Line

Mechanical Scube:
MOP, PMS

Scube MM11 line: 2 MOP and 12 PMS
Automation programming.
Creation of stations and start-up



Robotic Island

Motor Assembly: Motor Screw Islands
Block of engine block loading on pallet
with Cognex camera and engraving BIN code

Robotic Tightening Process



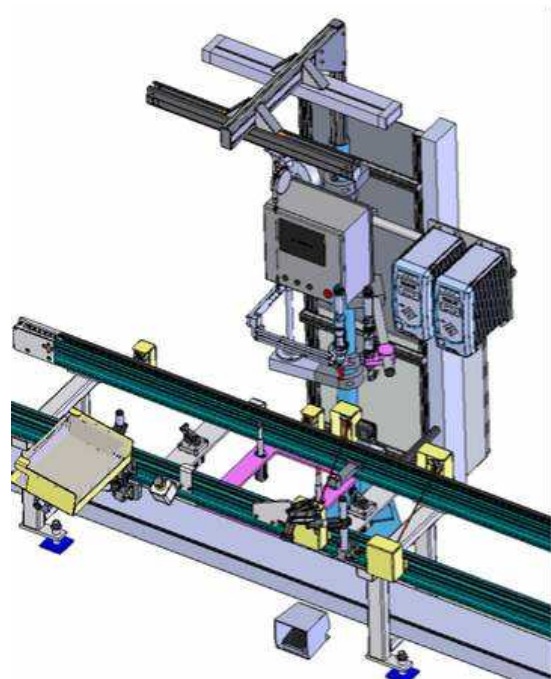
Automatic Block Installation



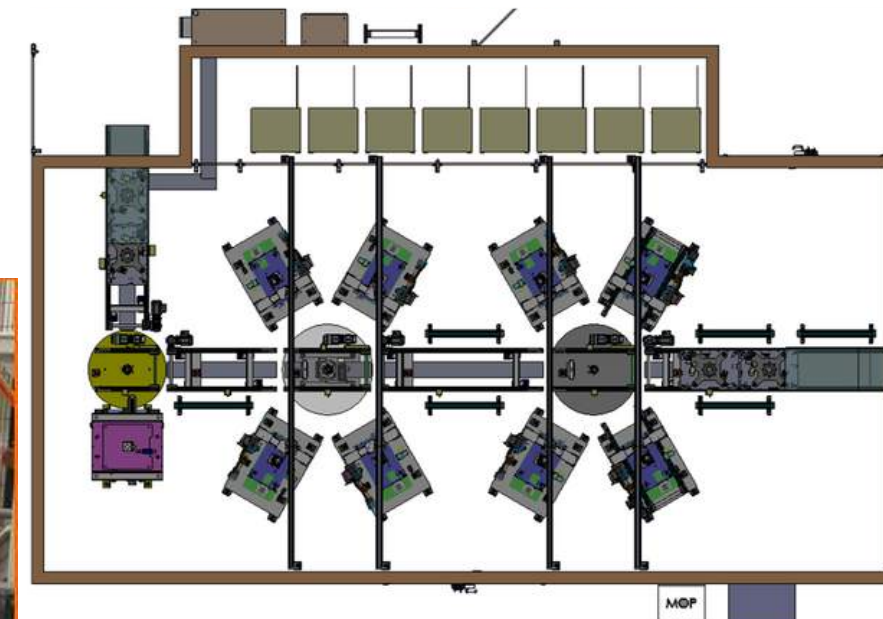
Hybrid Battery Line

Electrical and mechanical assembly
Line automation programming

Workplace



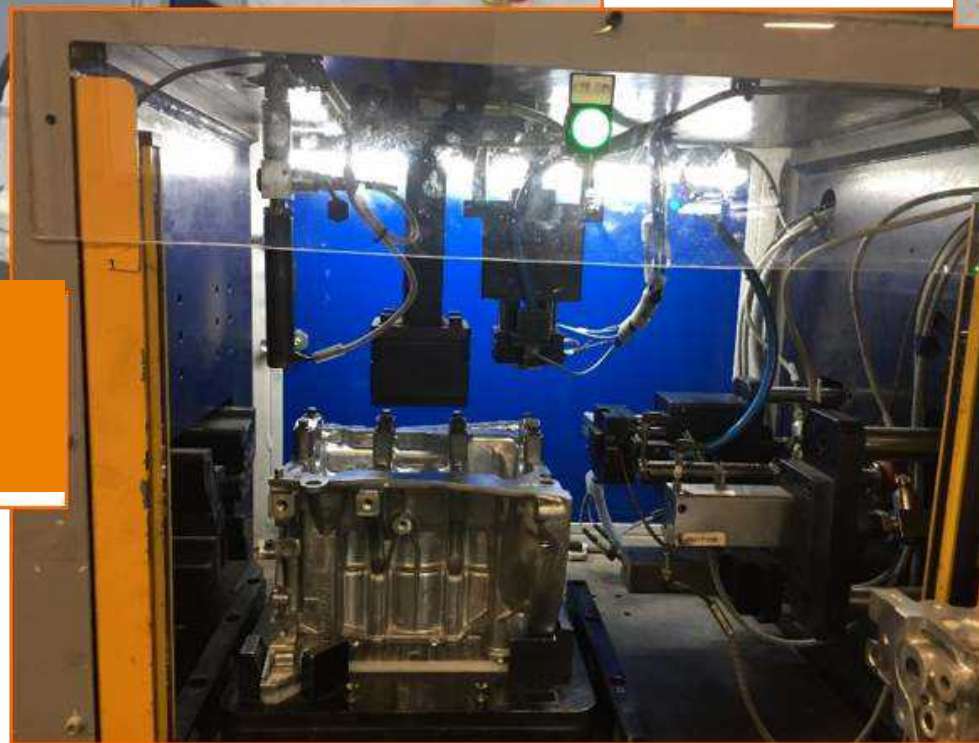
Loading and testing room



Other Examples



Pin Fastening To The
Engine Block Servo Pres



Battery Conveyor

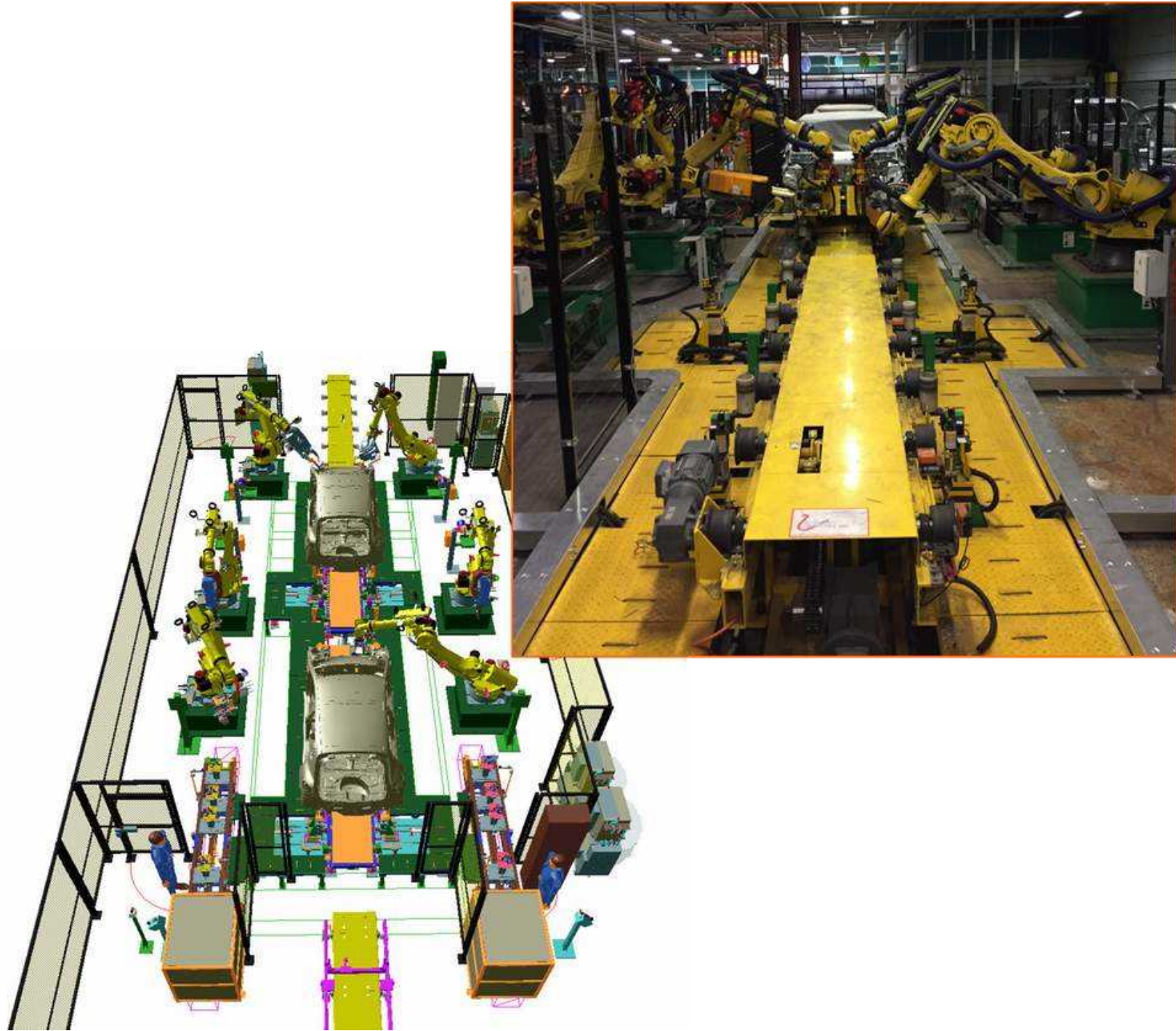


Preparation table

Vehicle Body Project

Scube: MOP

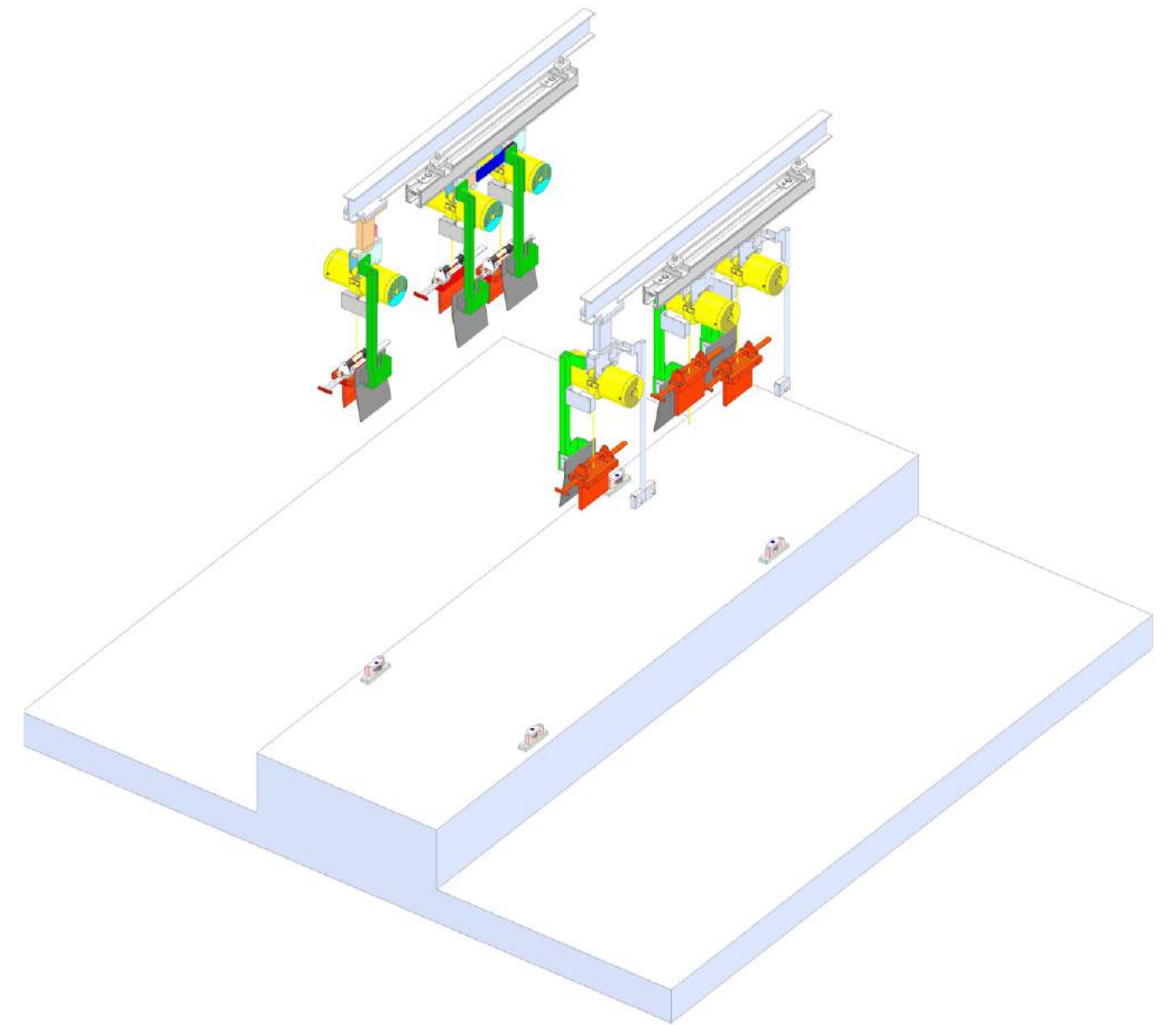
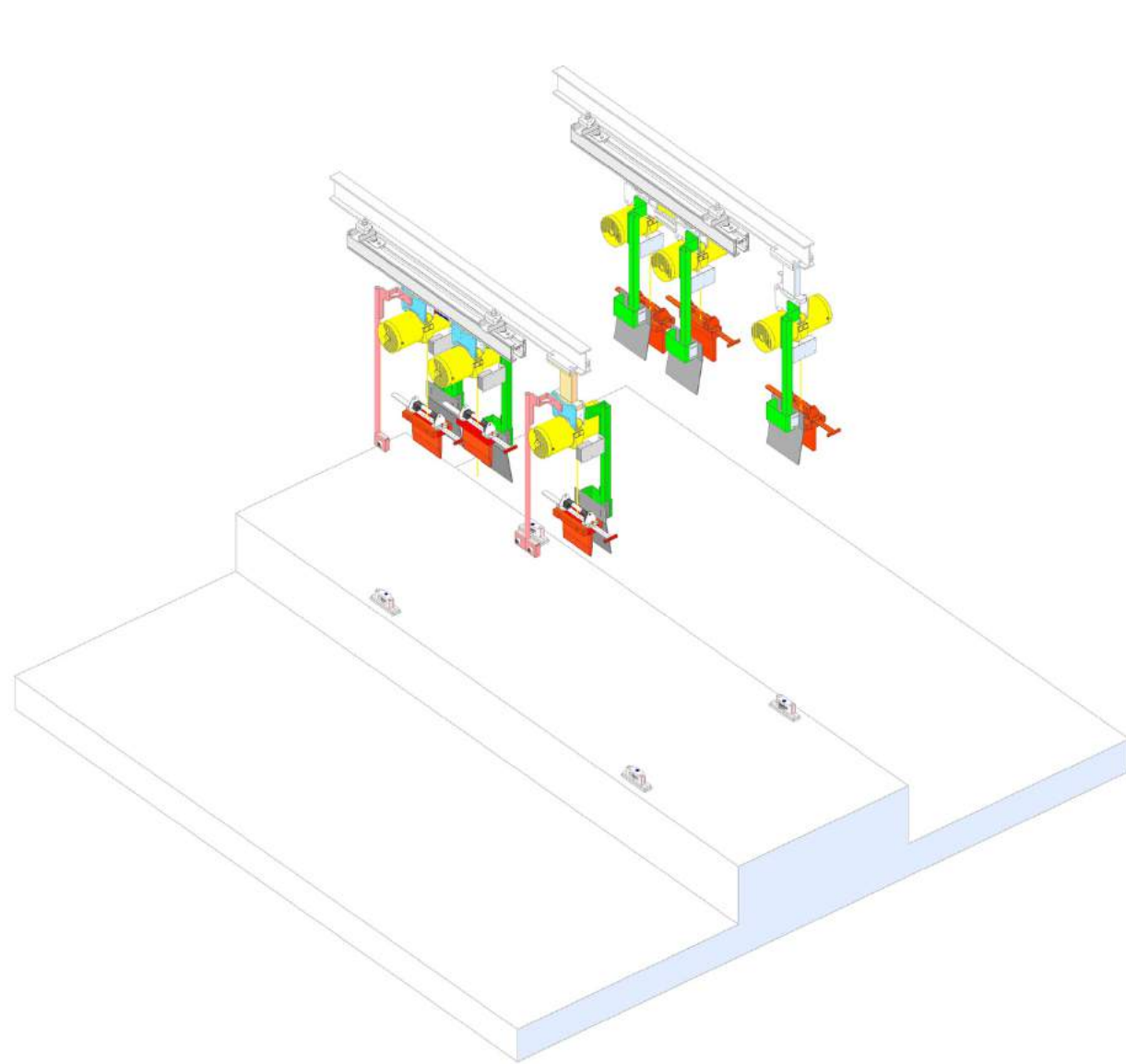
Integration of facilities
MOP, robots, source fixtures
Realization of cabinets and programs
Automation.



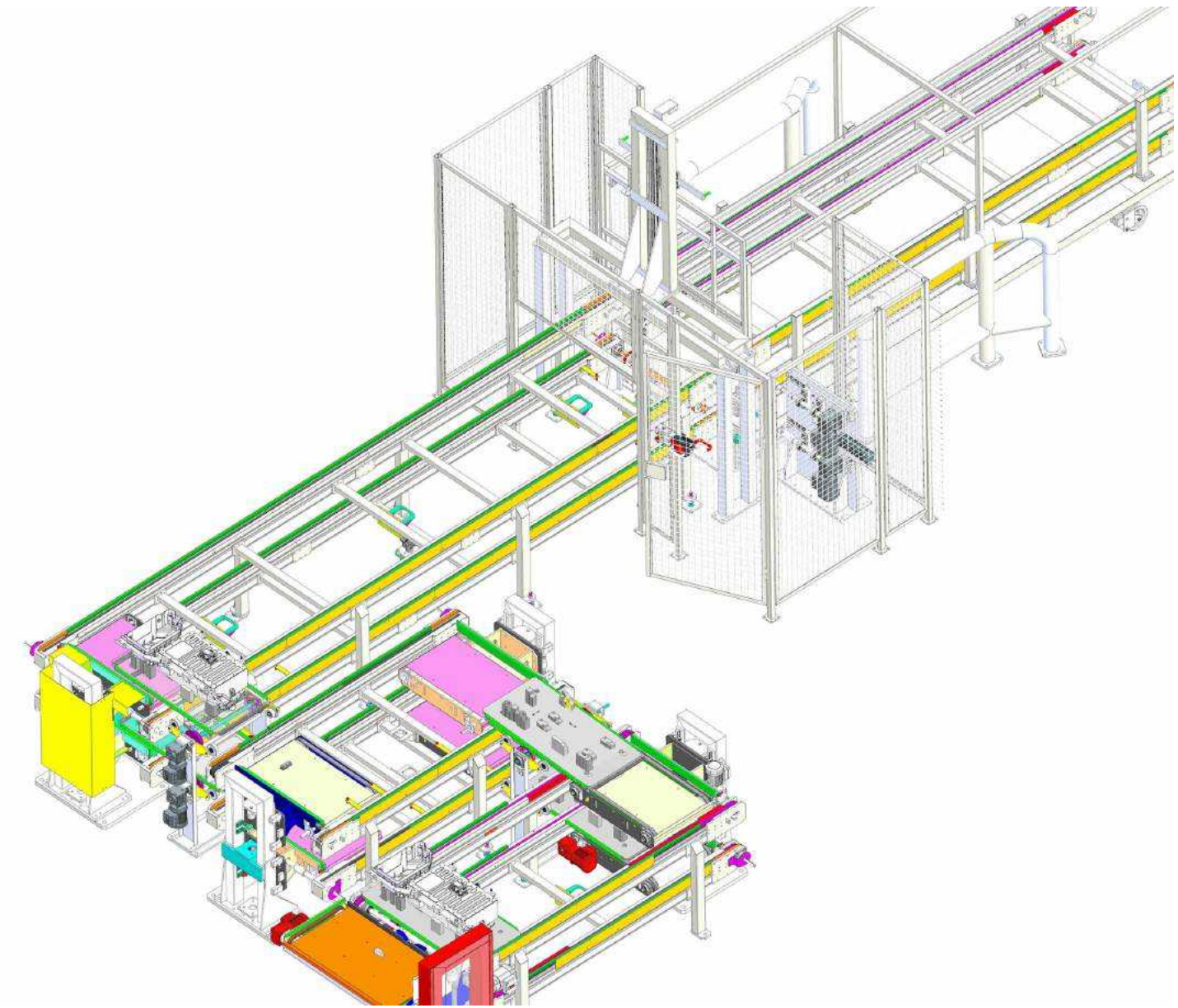
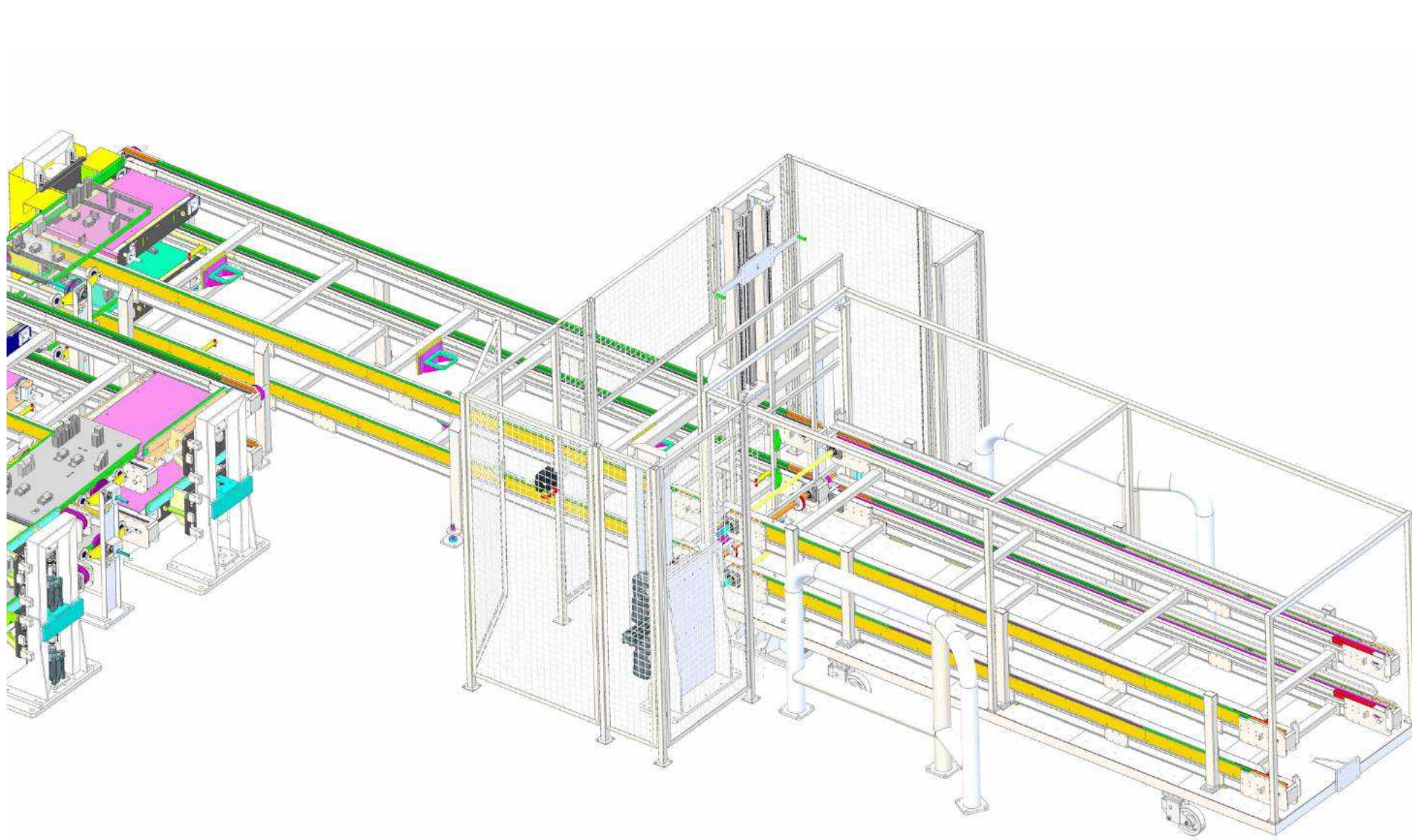
Vehicle Body Project



Automatic Door Adjustment Calibers



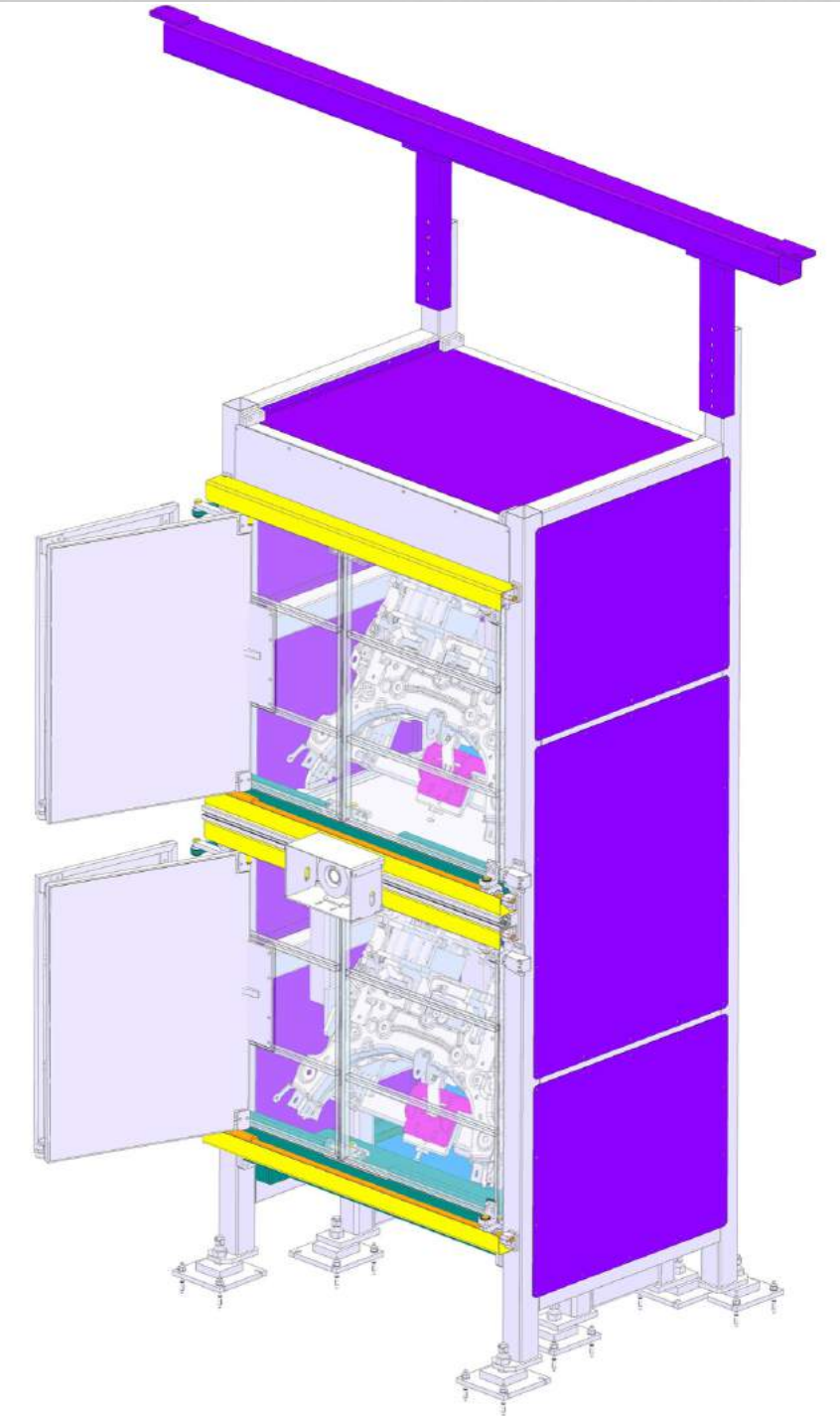
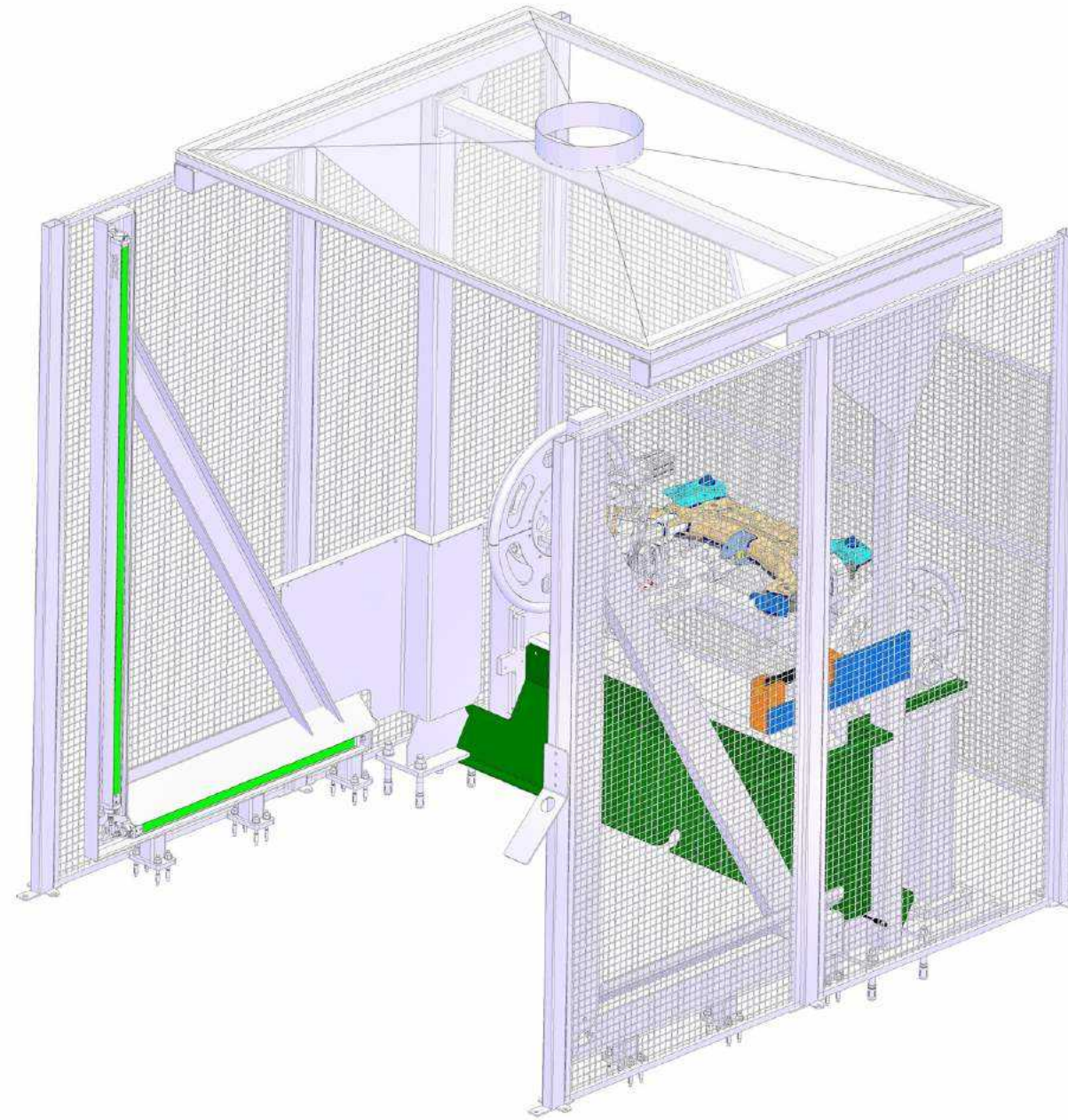
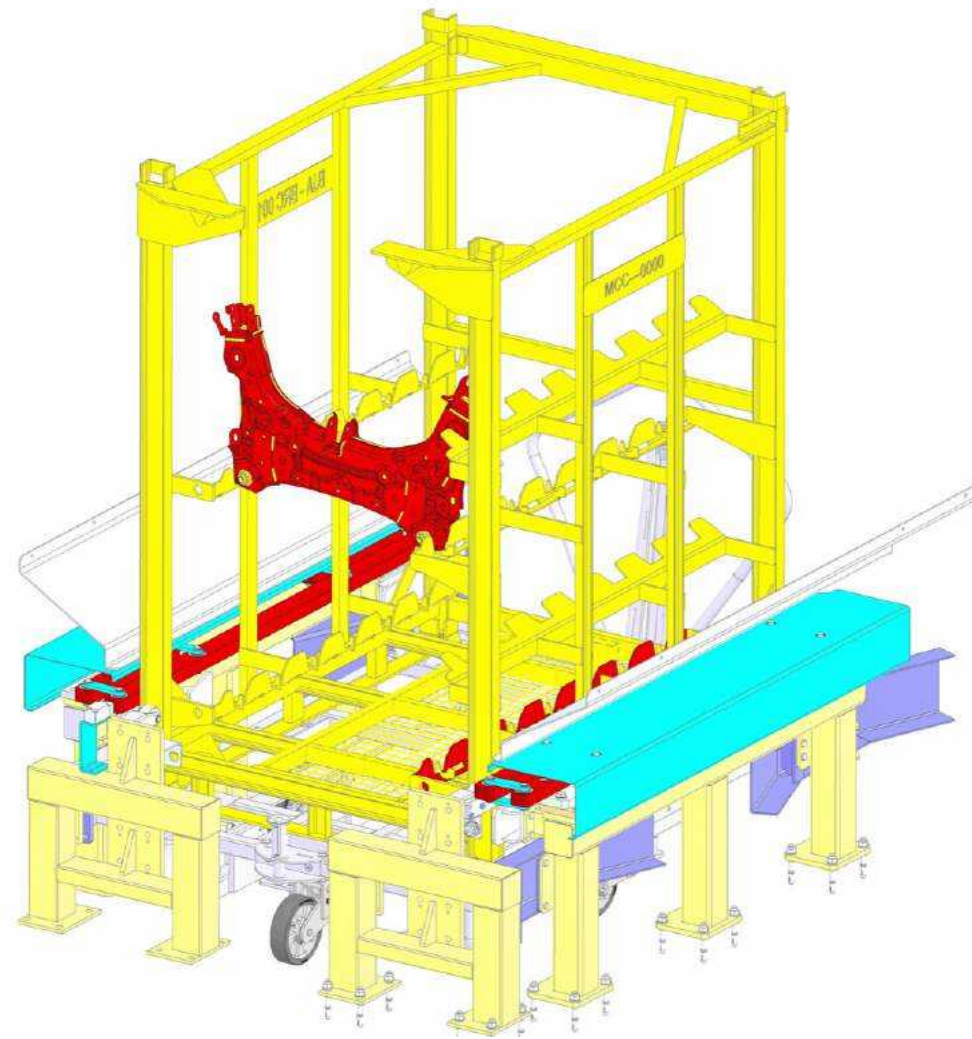
Battery Conveyor



Battery Conveyor



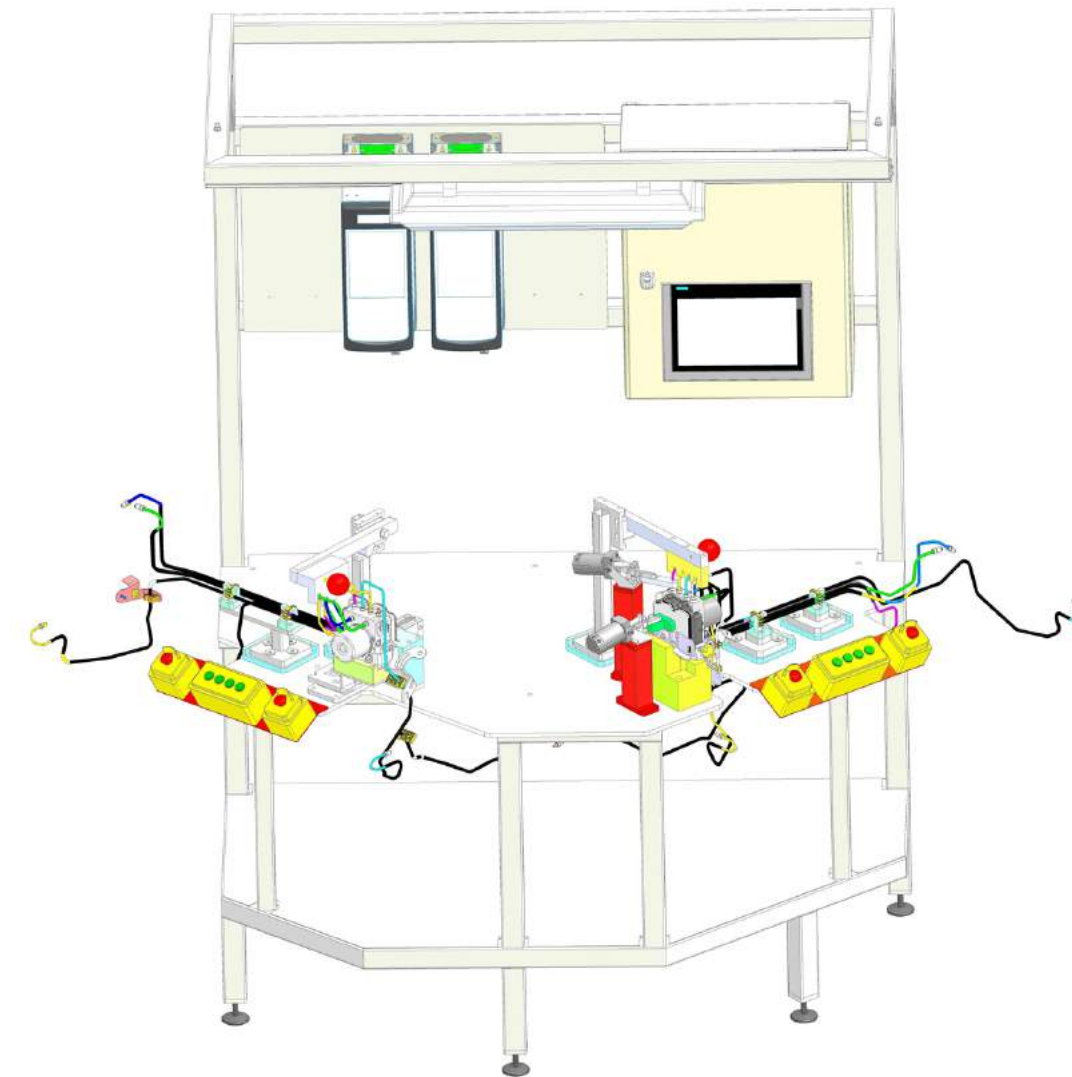
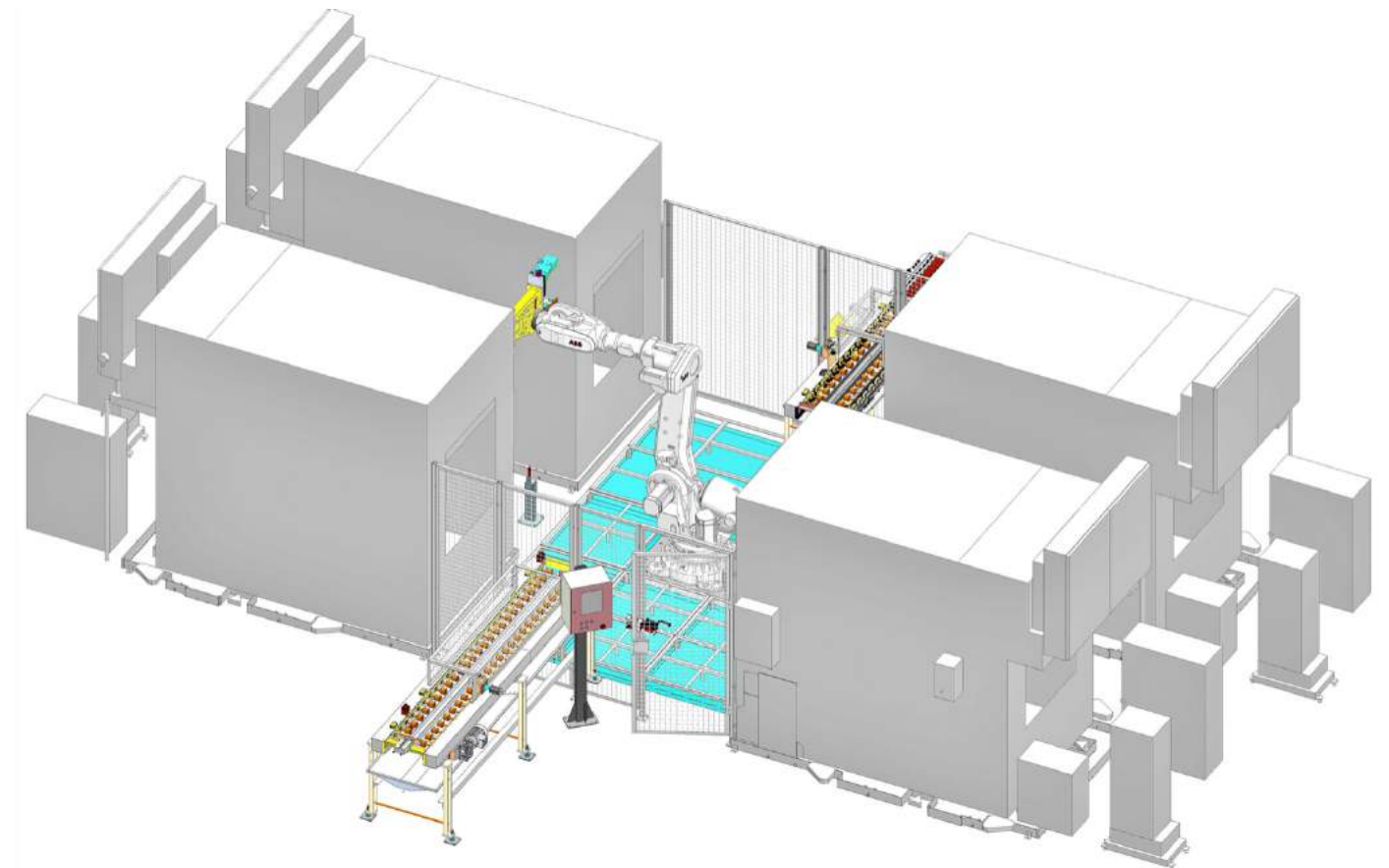
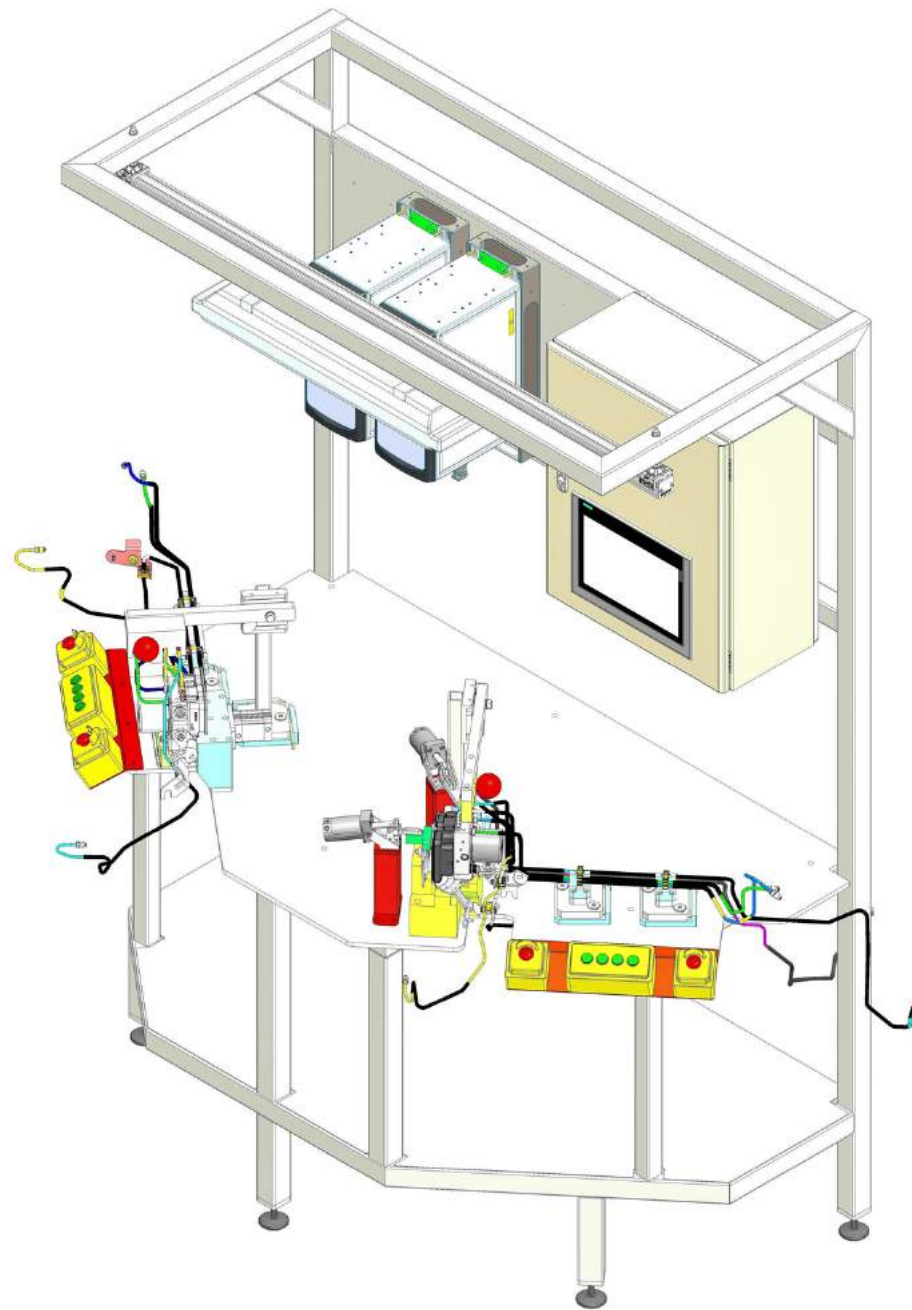
Engine cradle marking and Punta completion



Engine cradle marking and Punta completion



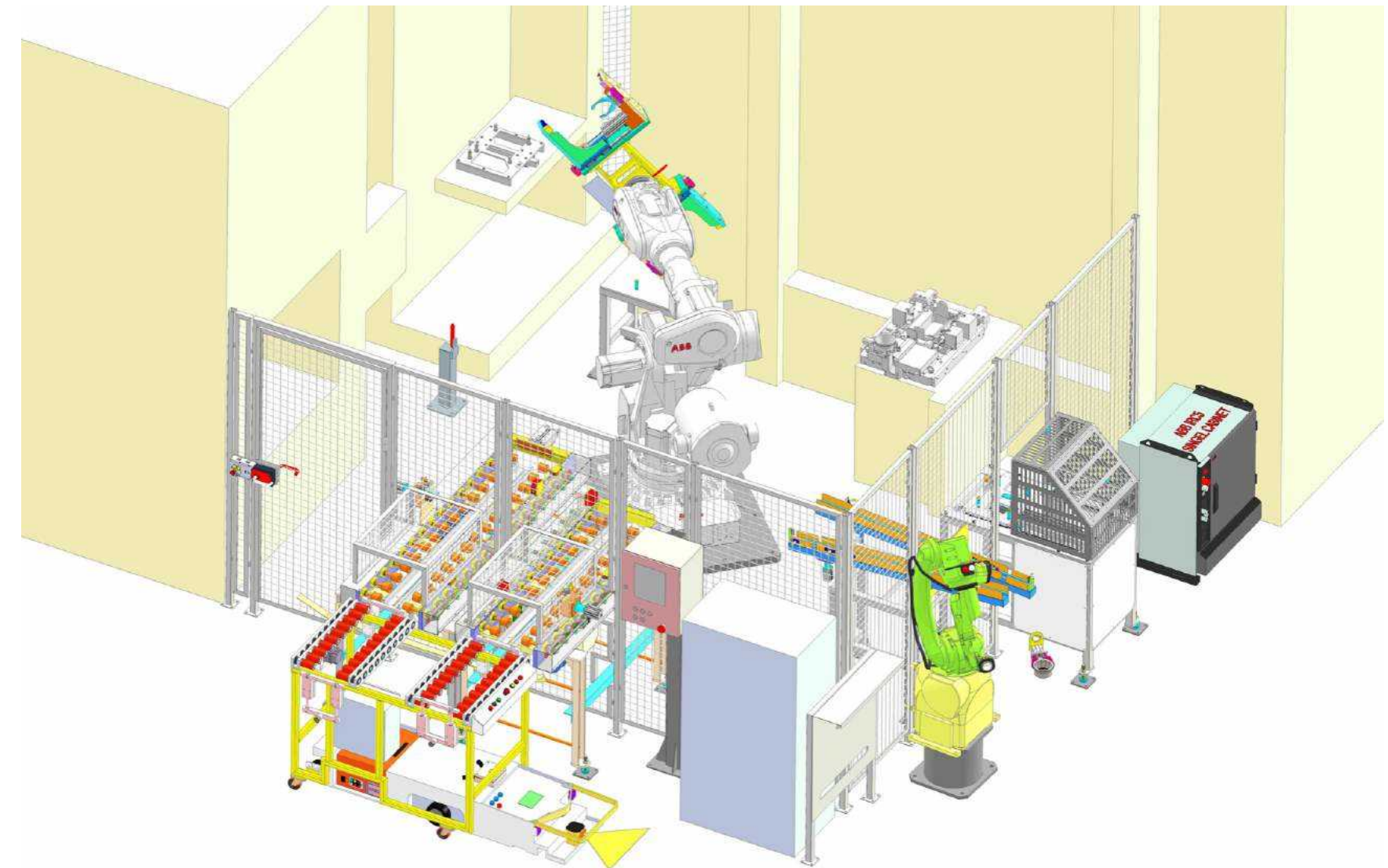
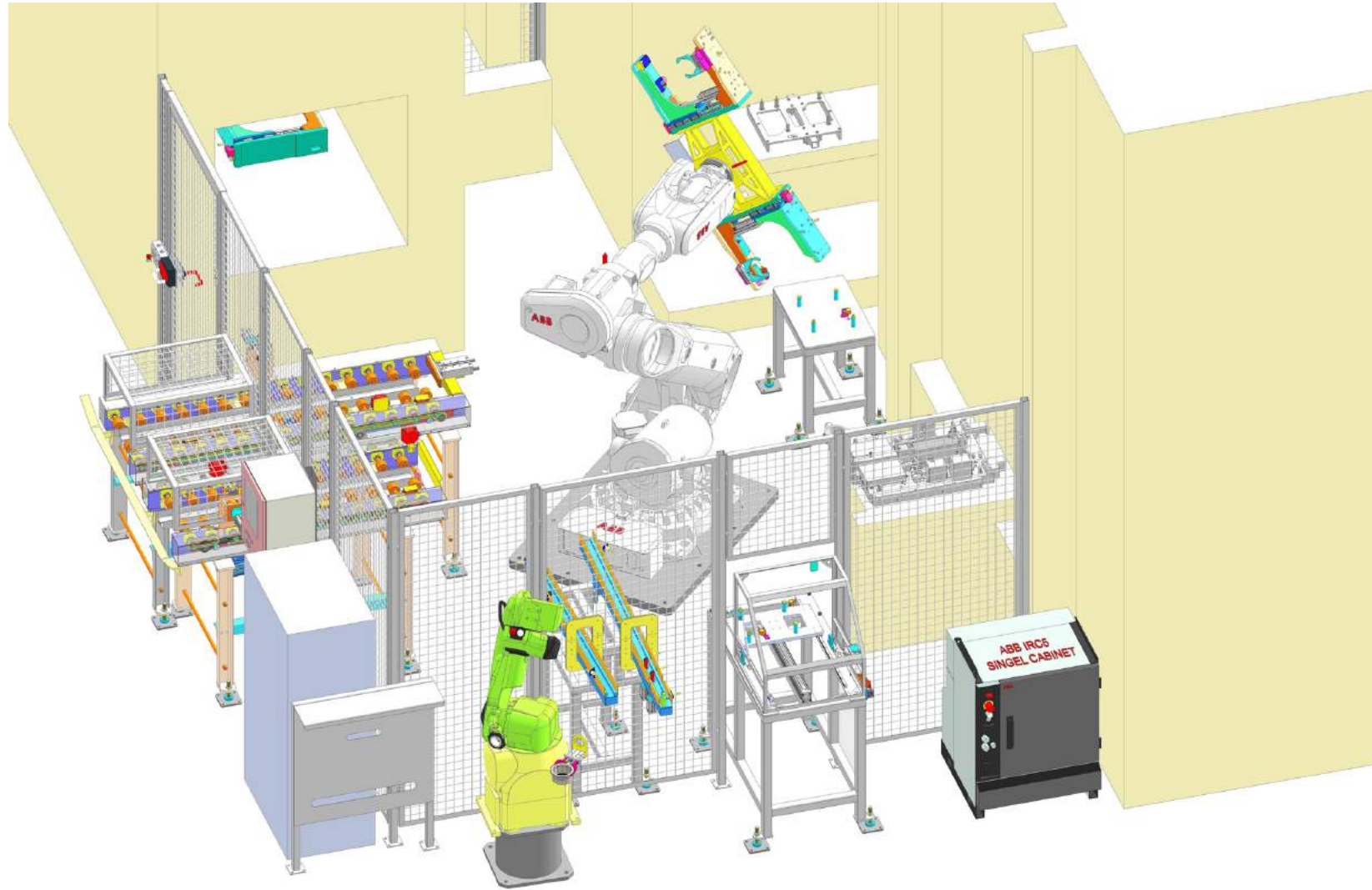
Controlled ABS preparation tables



Controlled ABS preparation tables



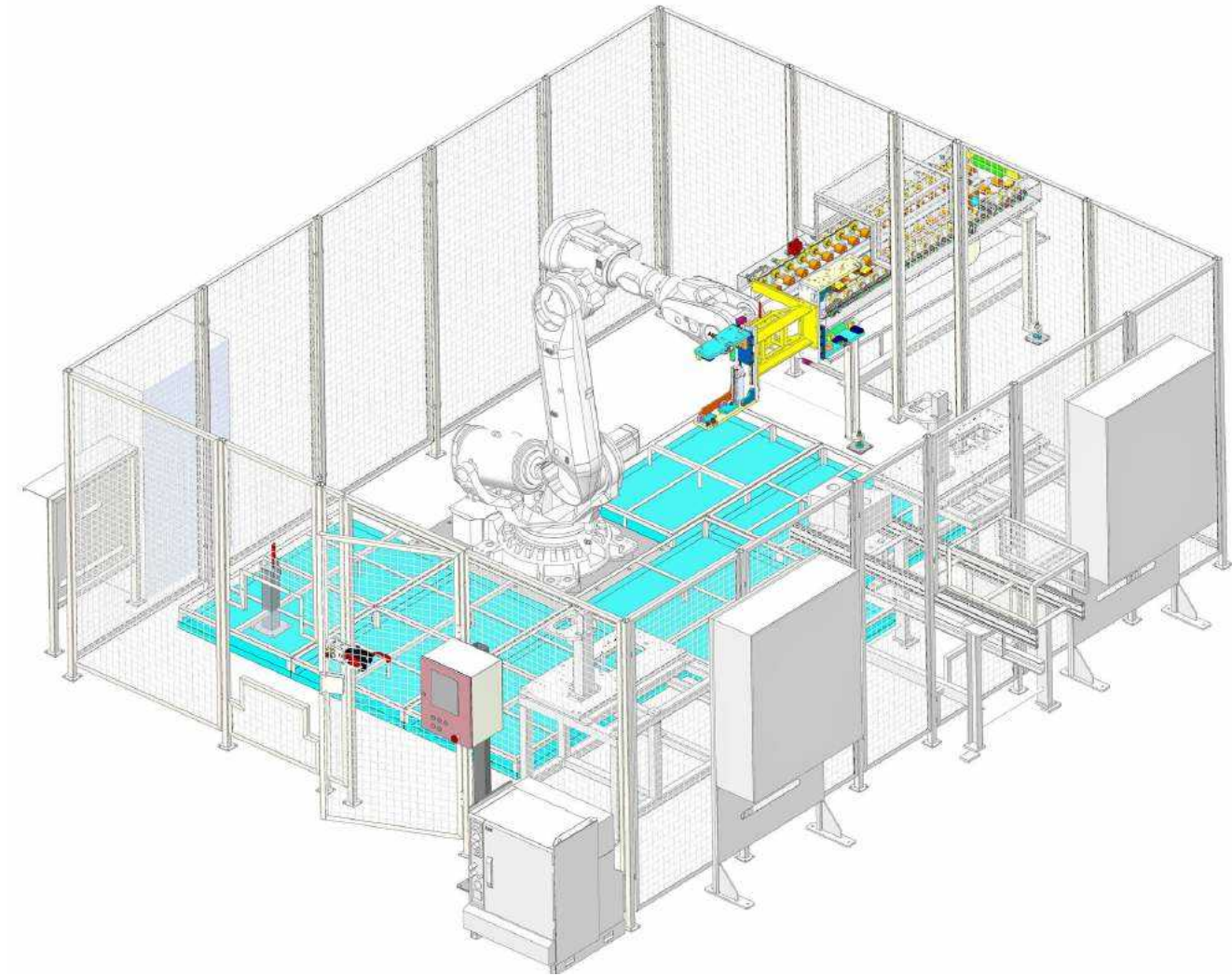
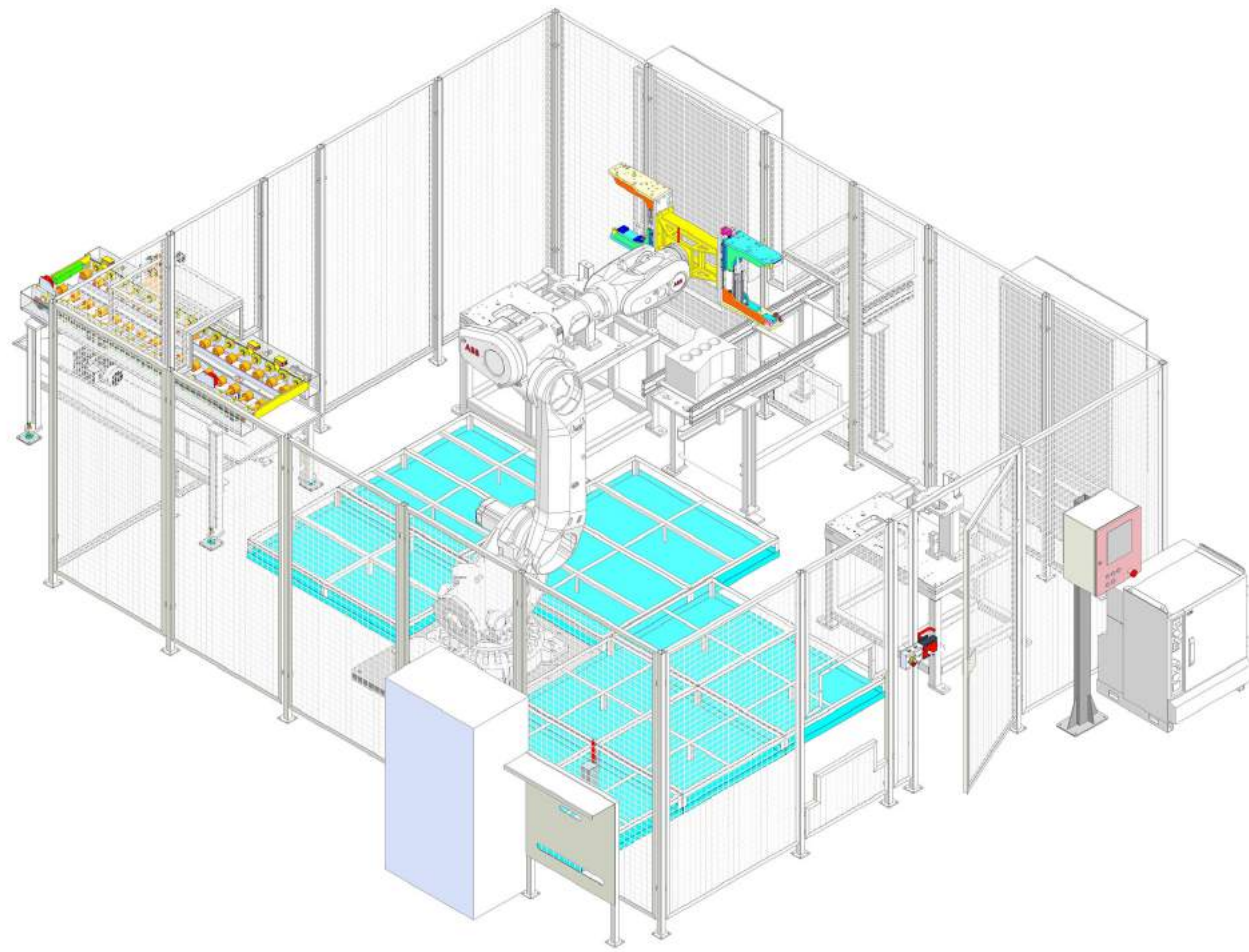
Block Processing and Transport Lines



Block Processing and Transport Lines



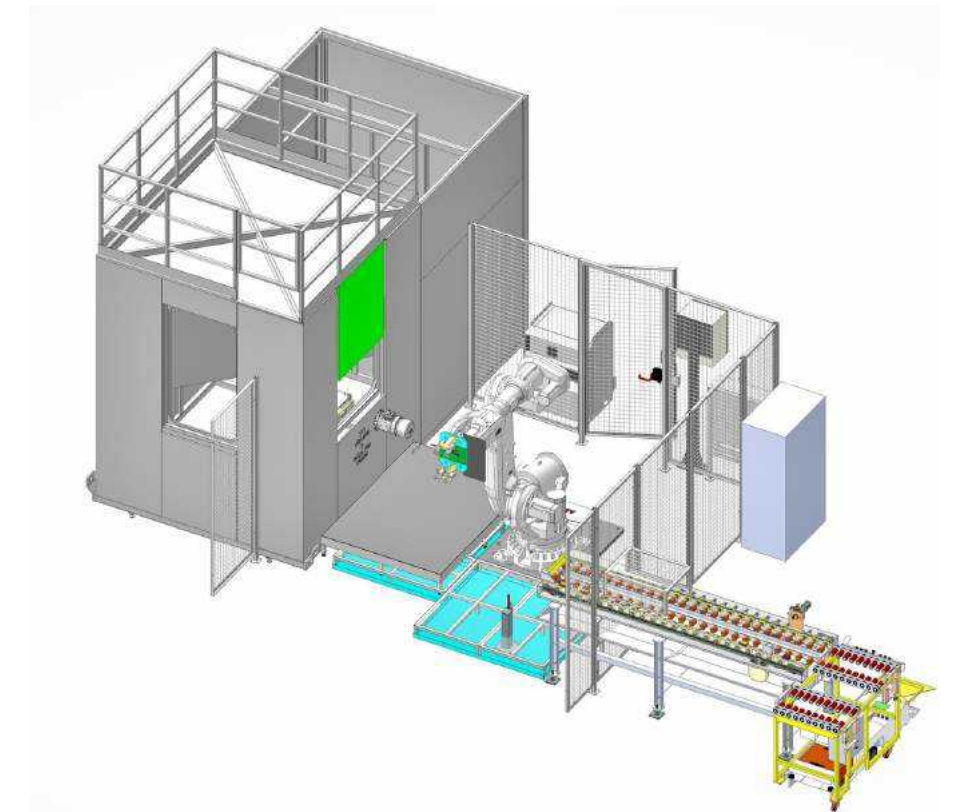
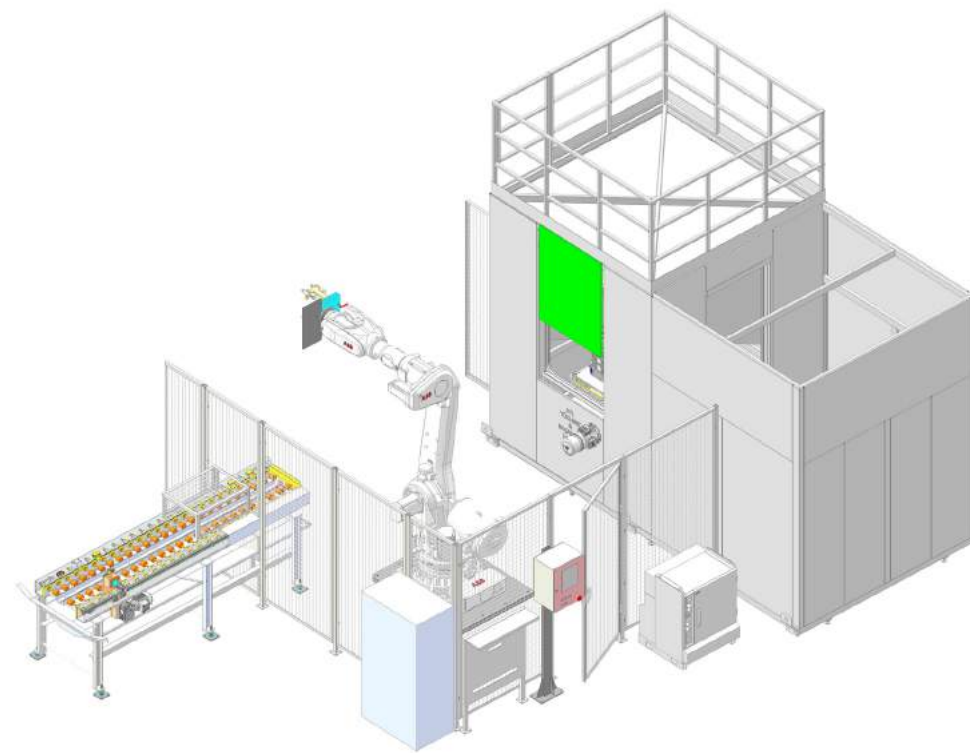
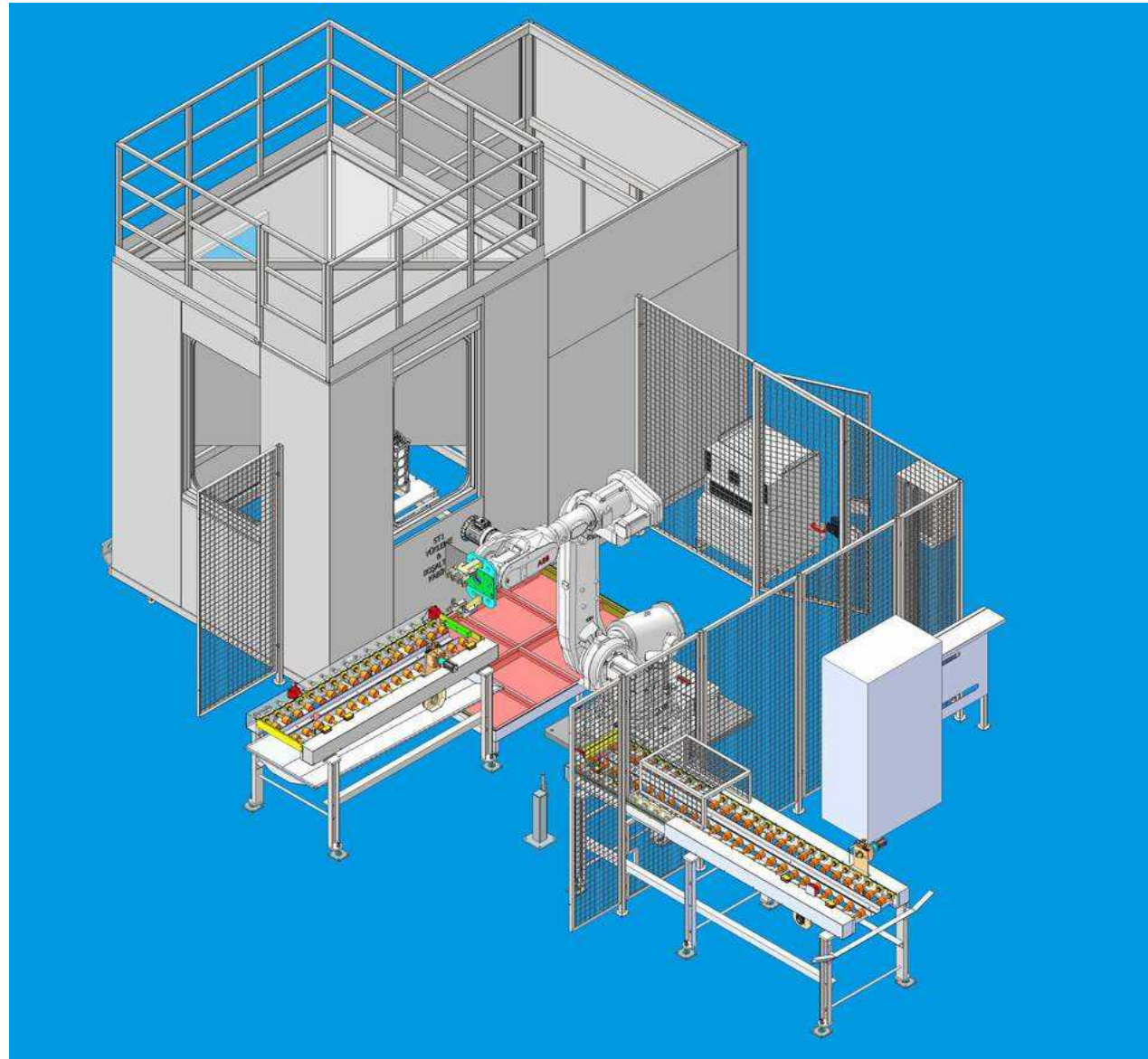
Block Measurement Cells



Block Measurement Cells



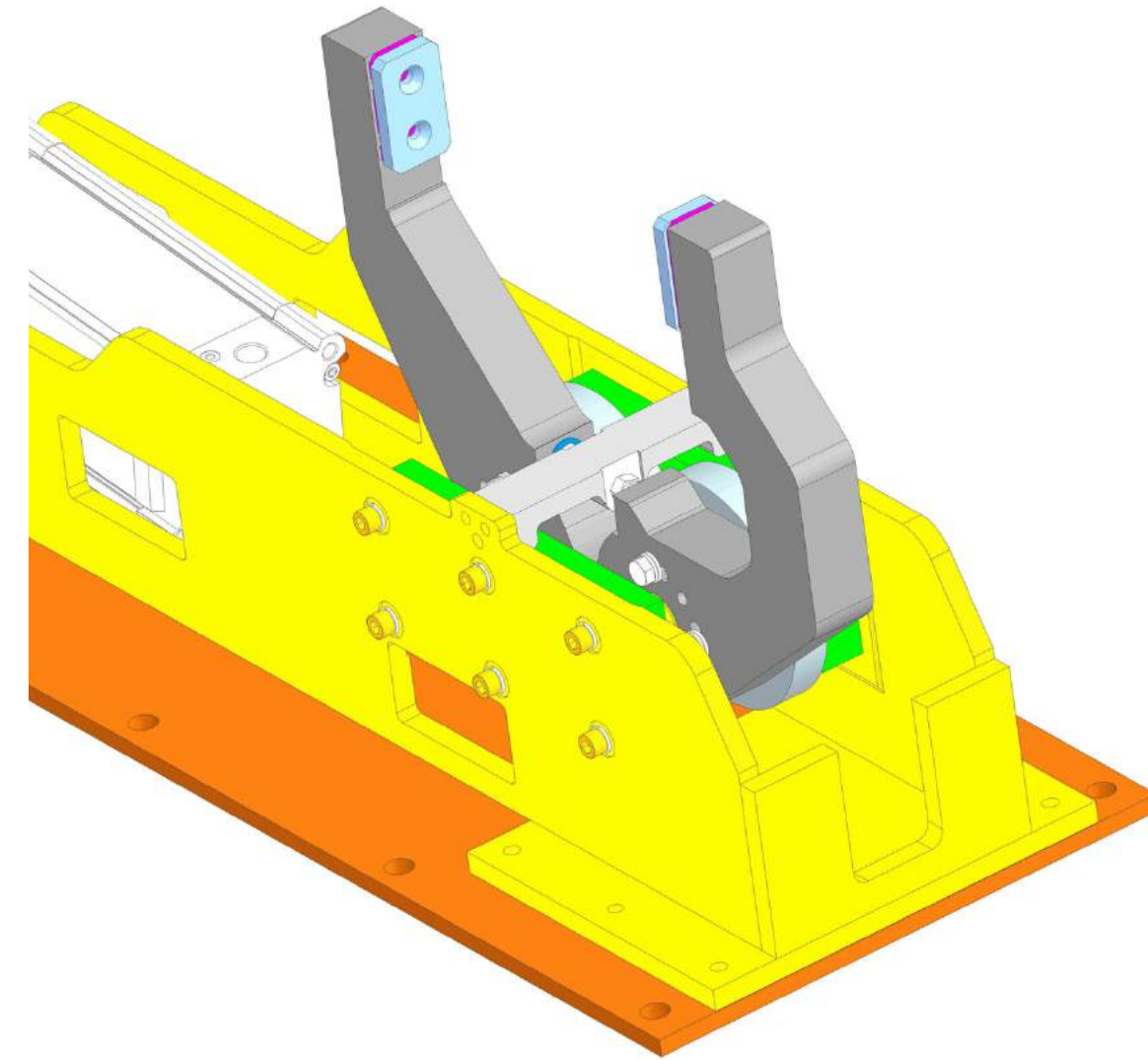
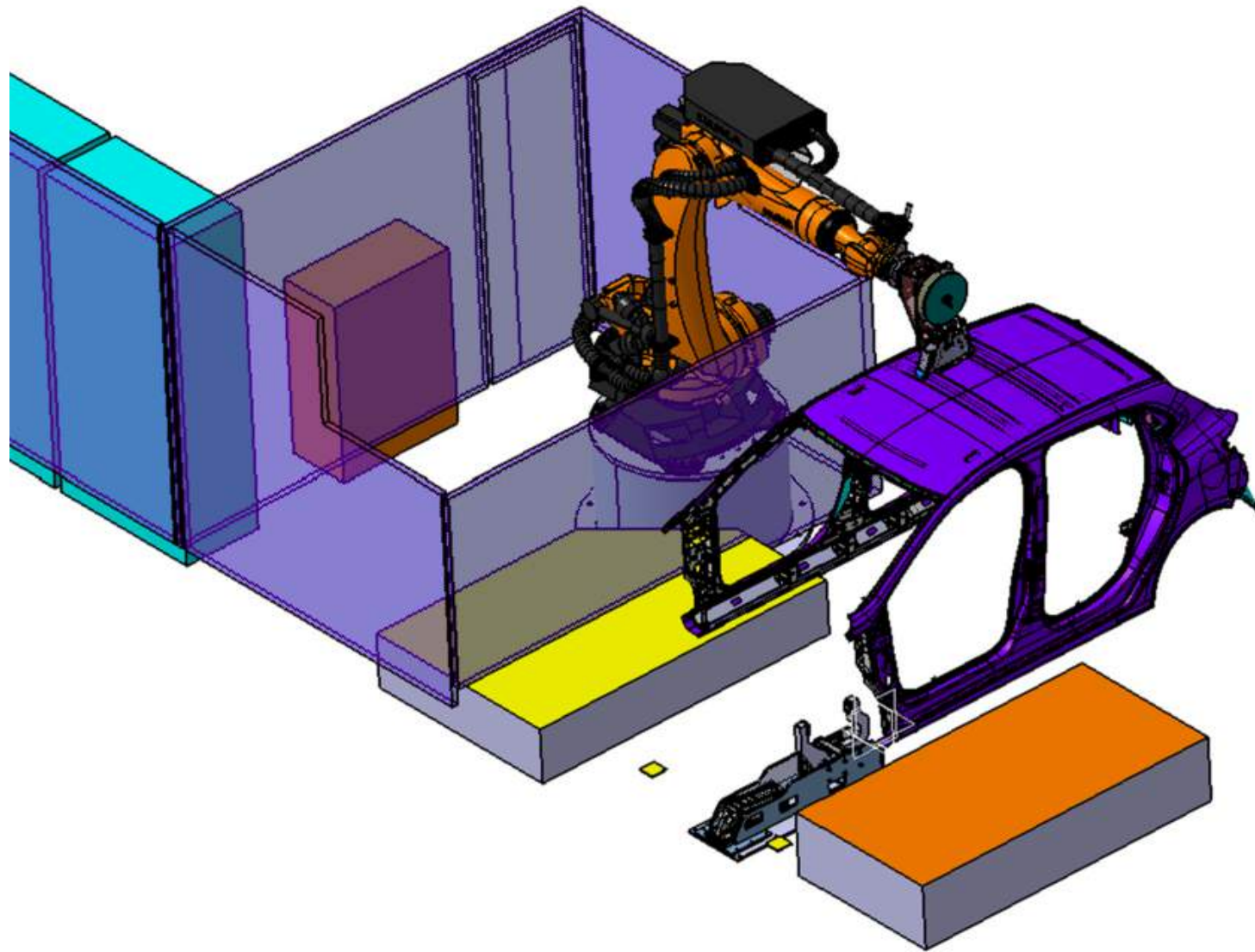
Block Washing Cells



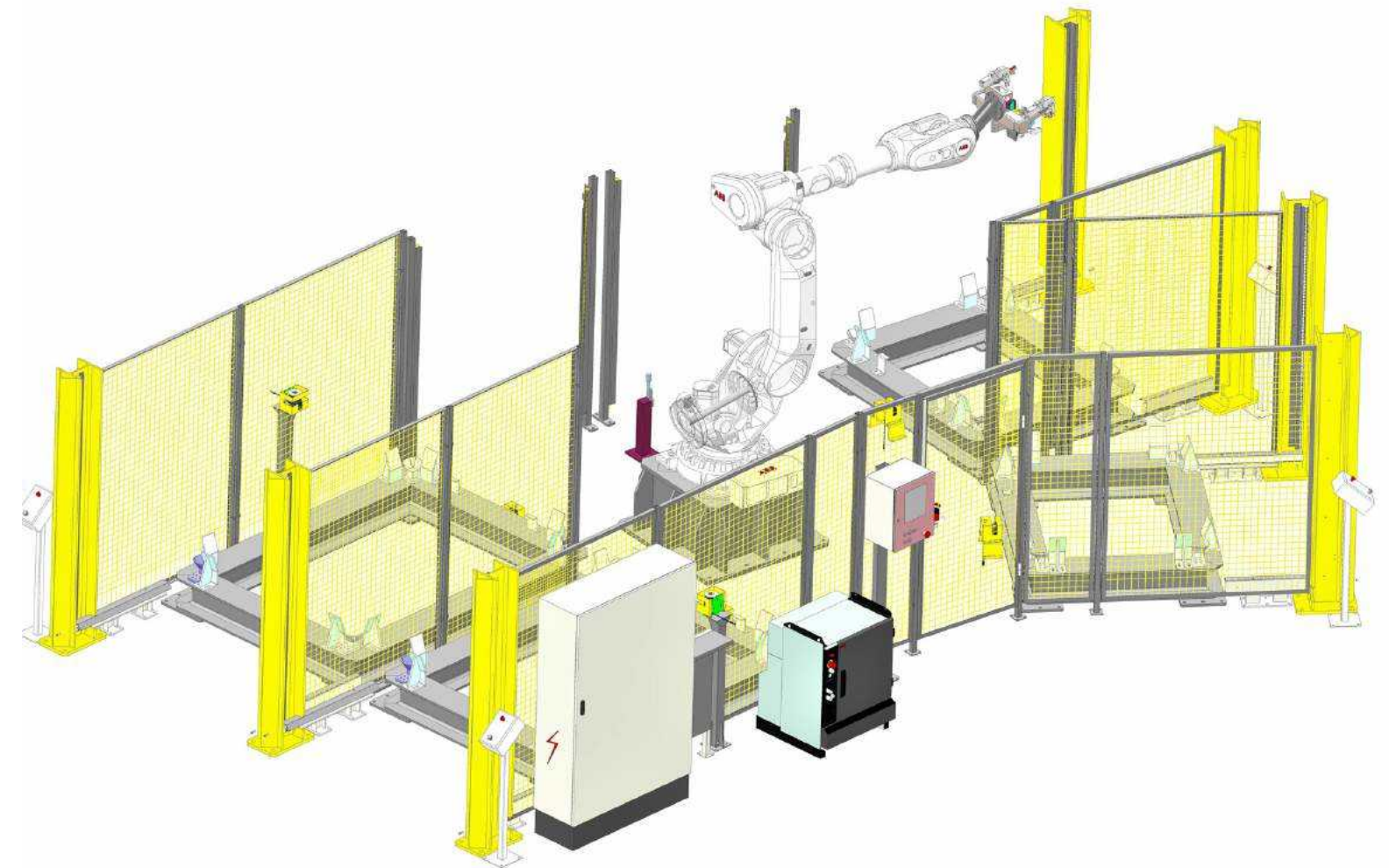
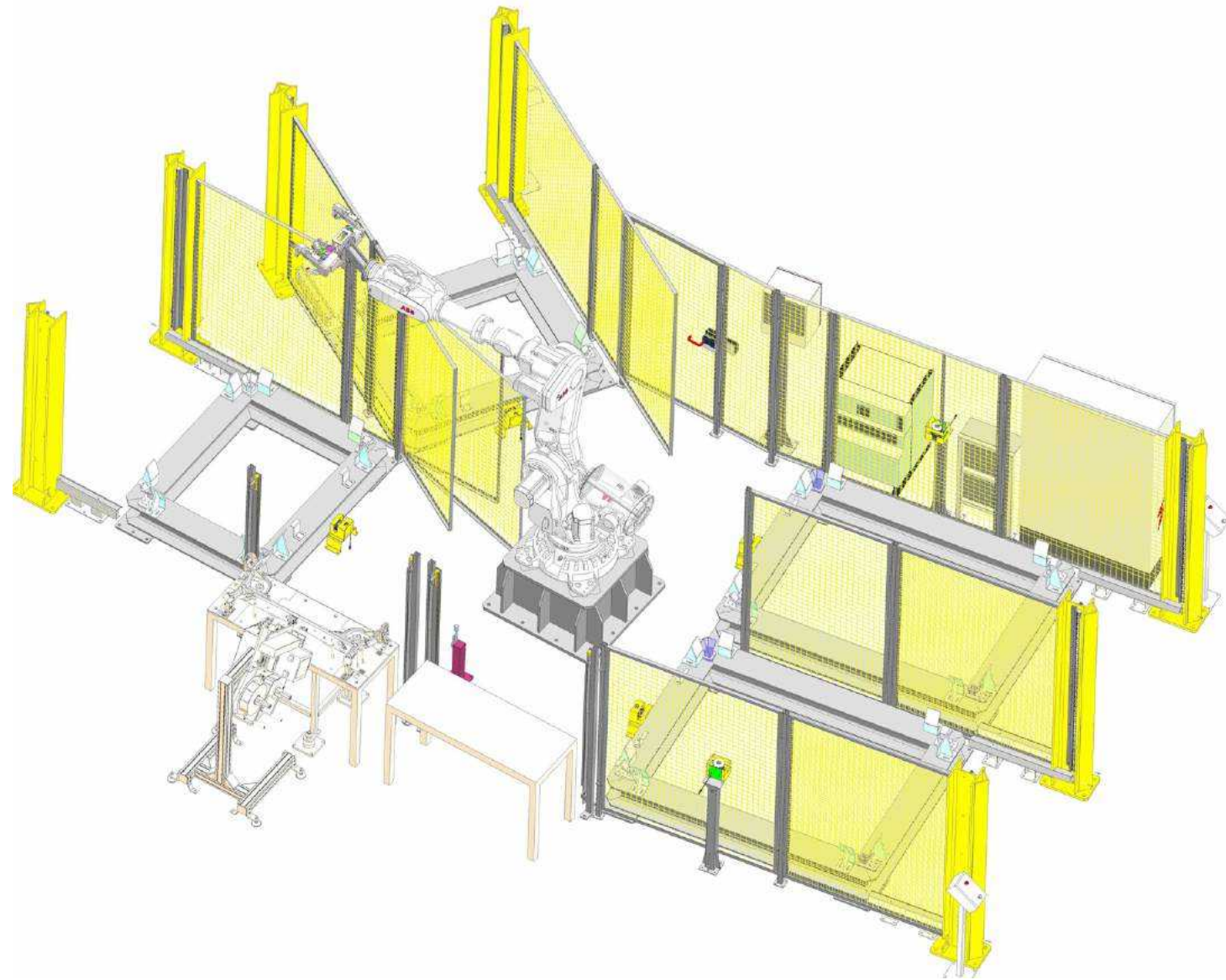
Block Washing Cells



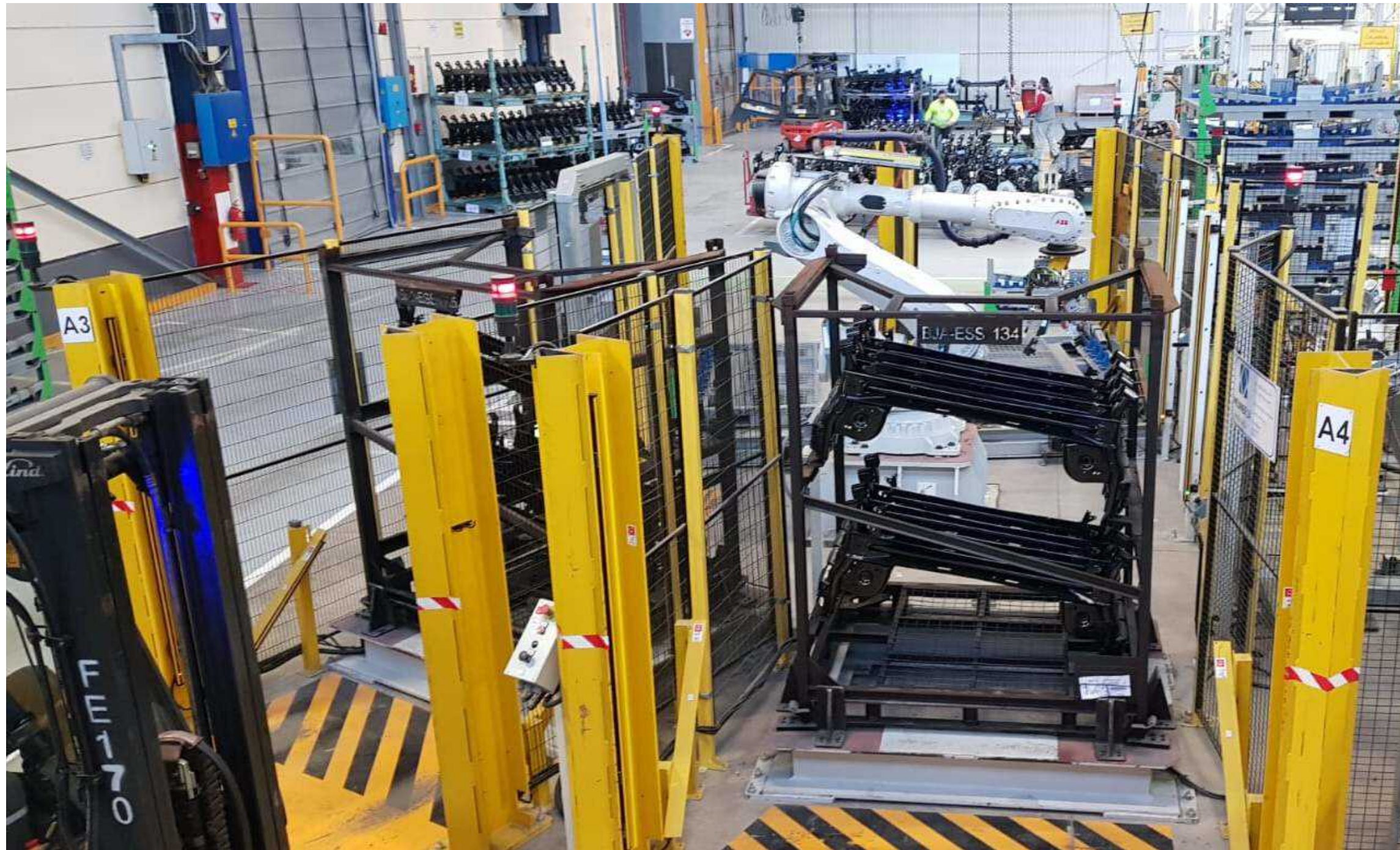
Robotic Glass Banding Cell



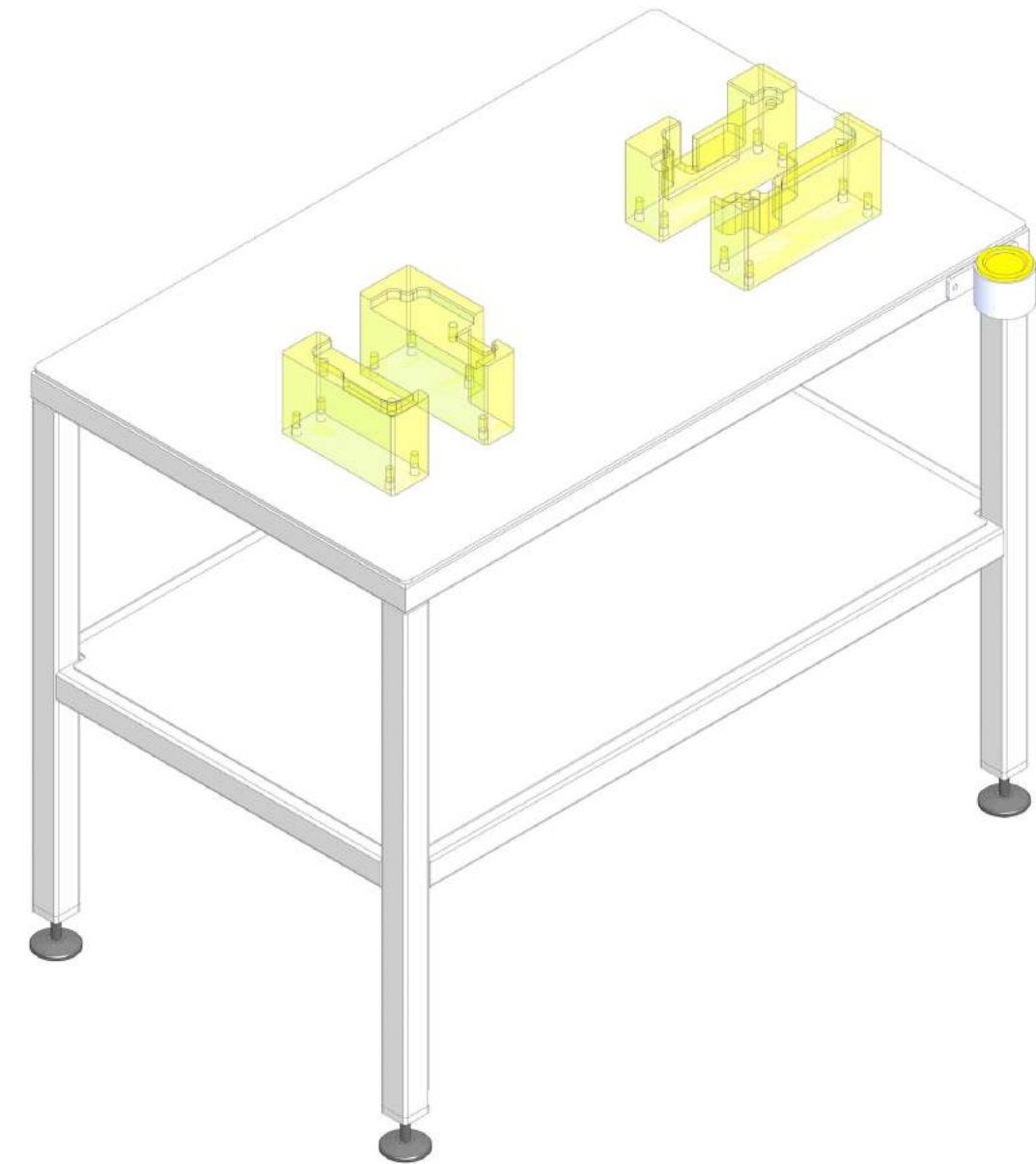
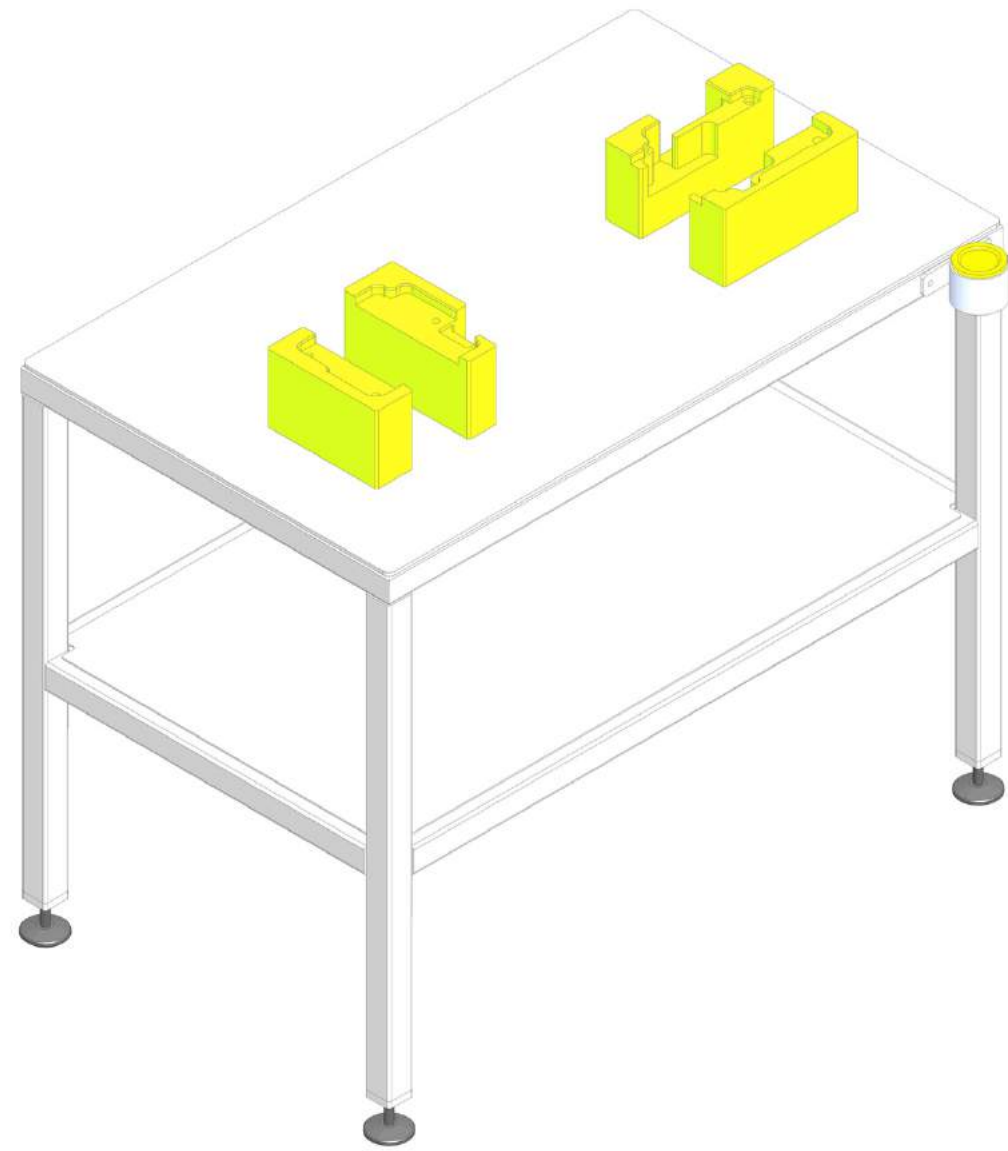
Axle loading and unloading cells



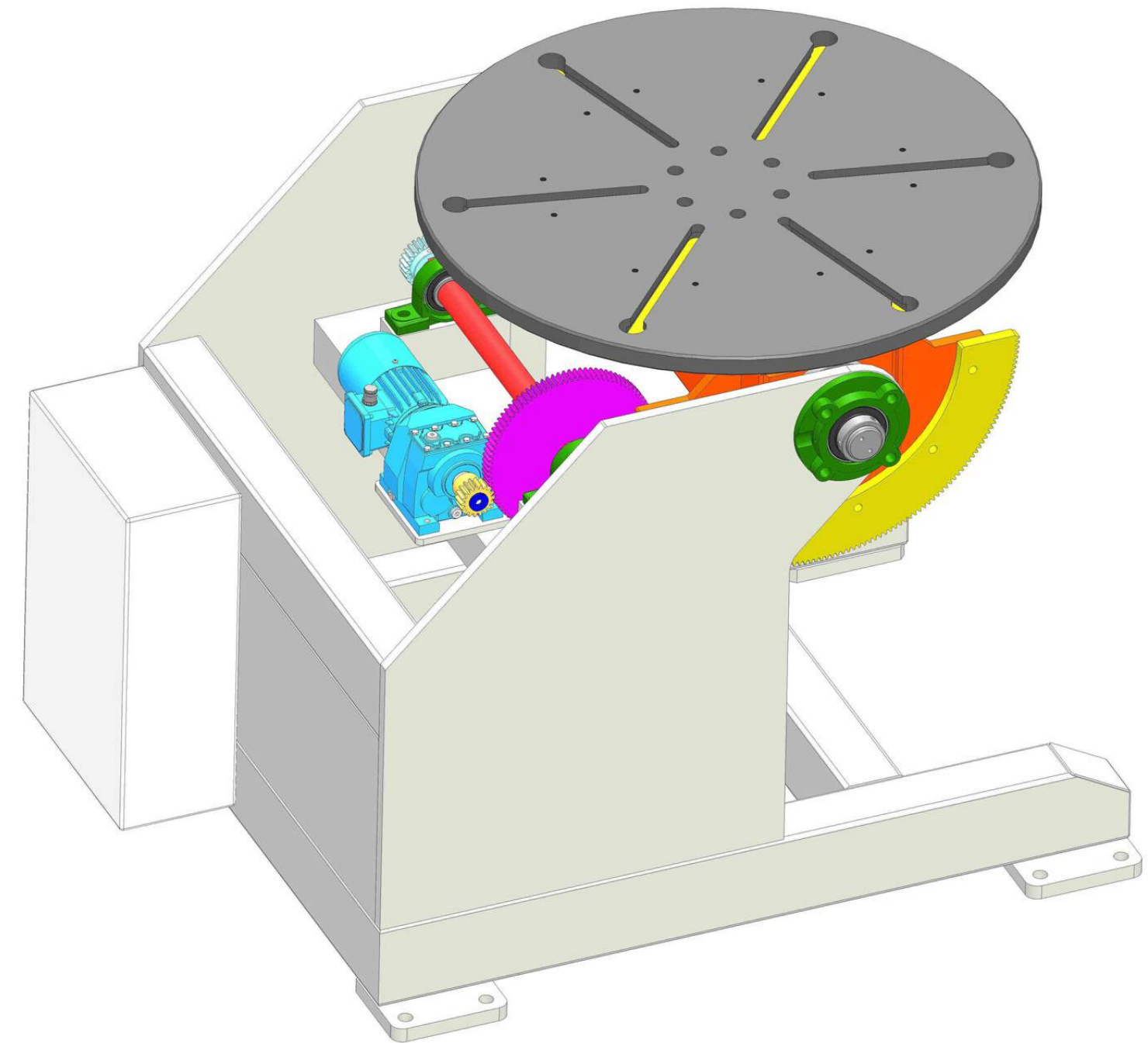
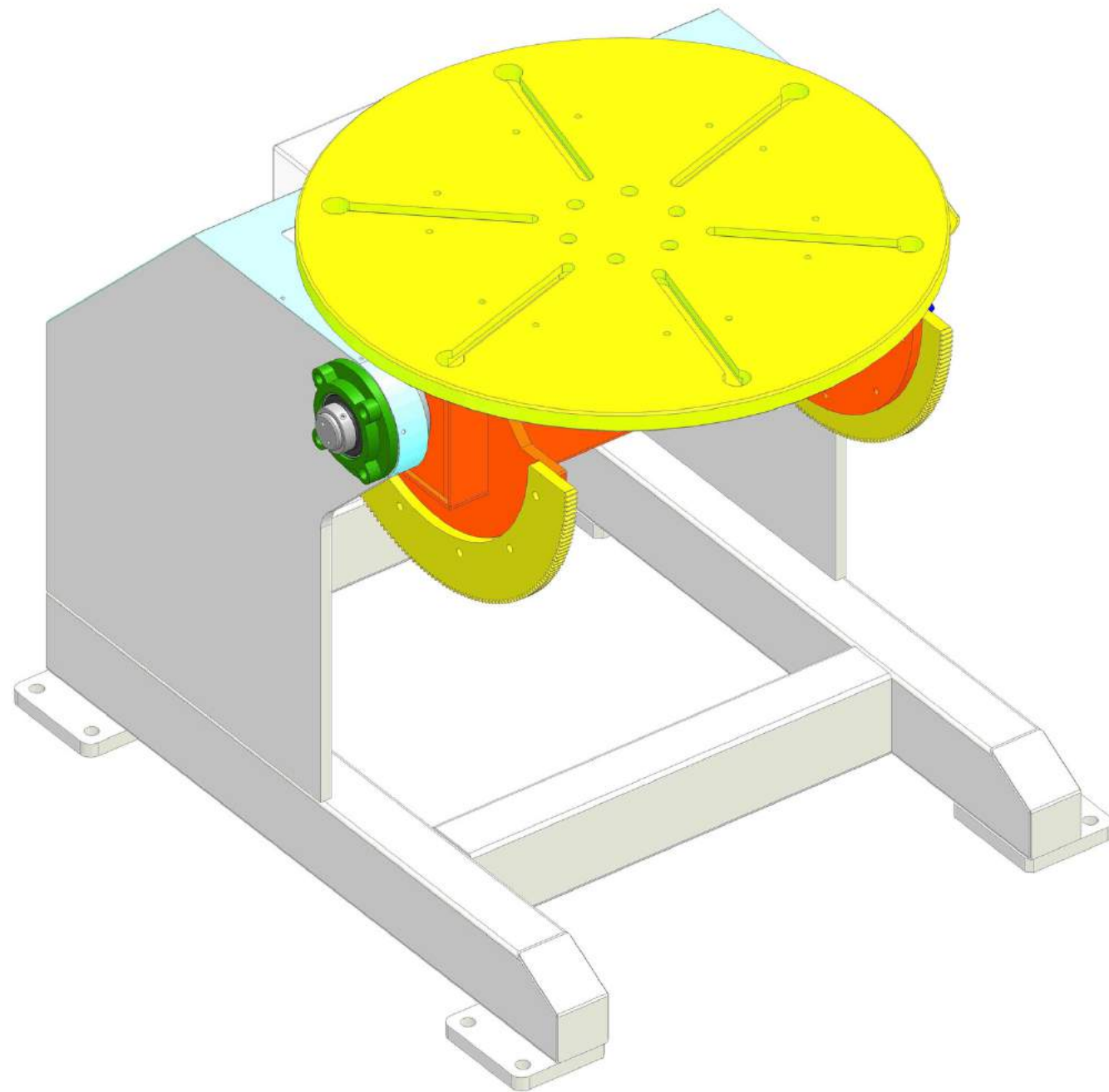
Axle loading and unloading cells



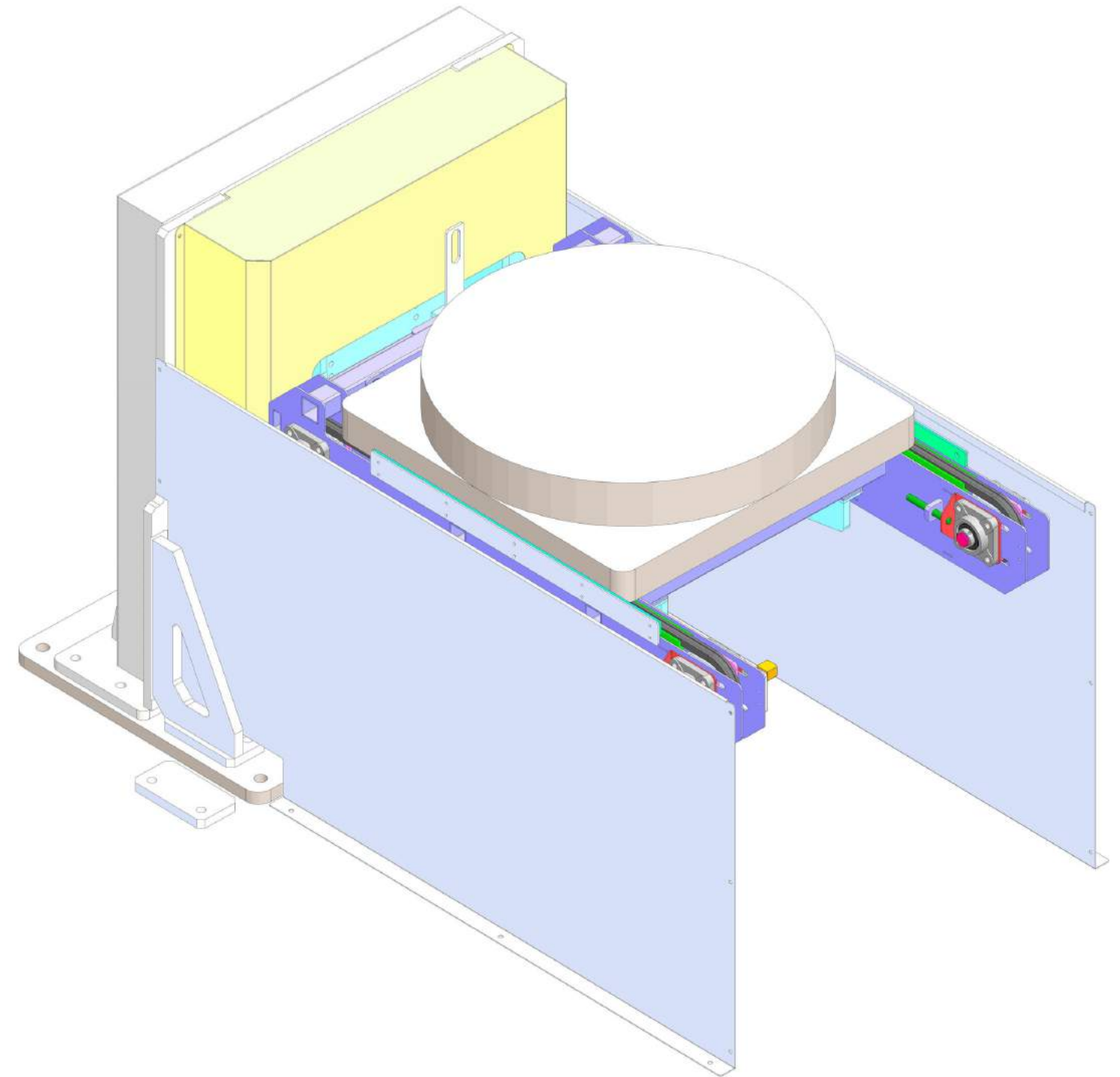
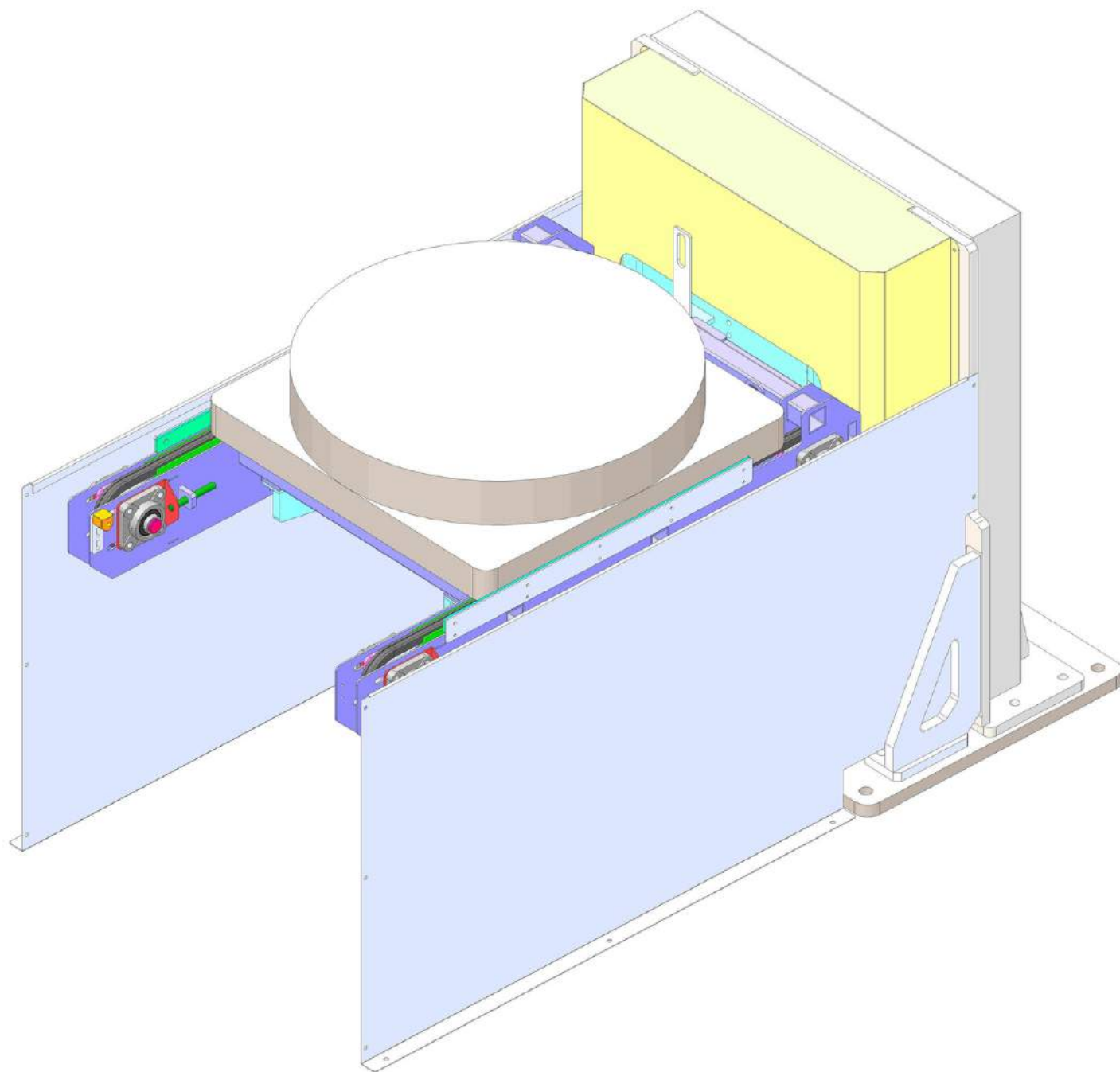
Manual Preparation Tables



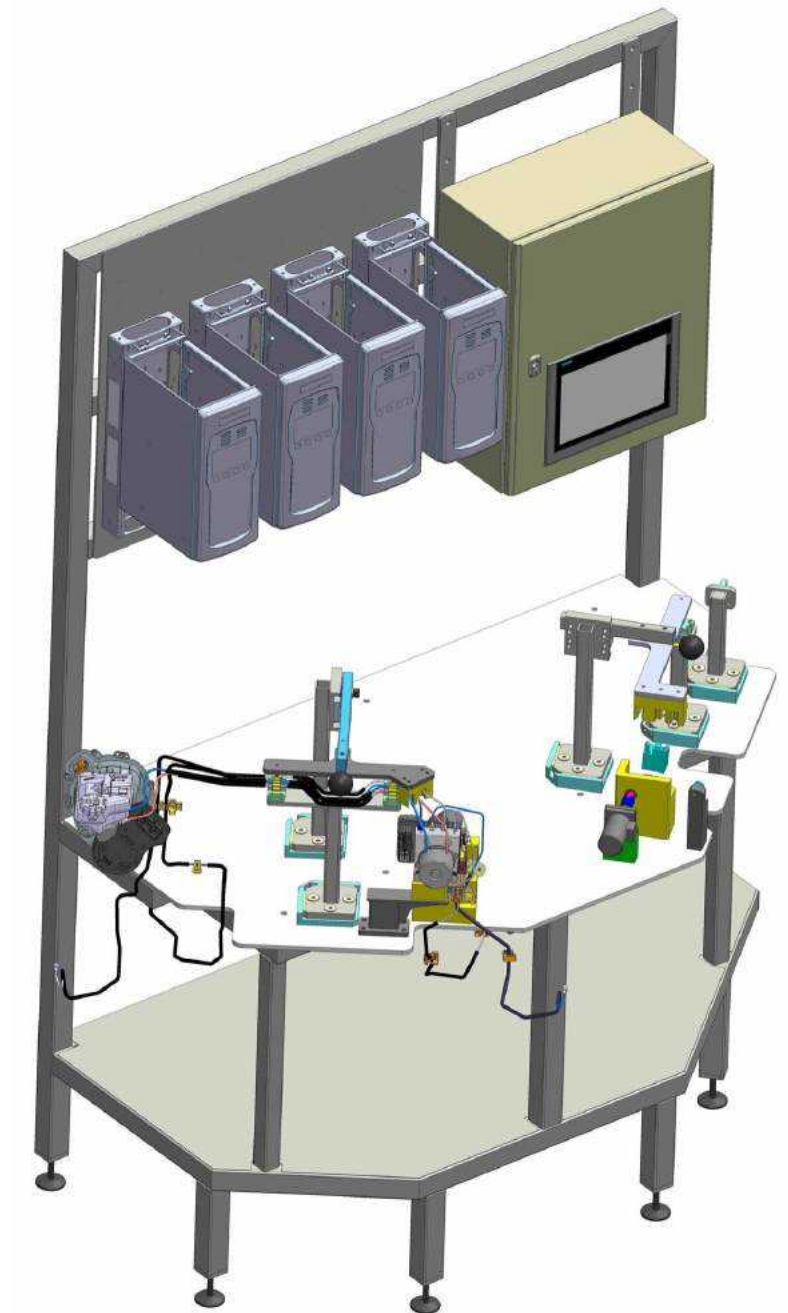
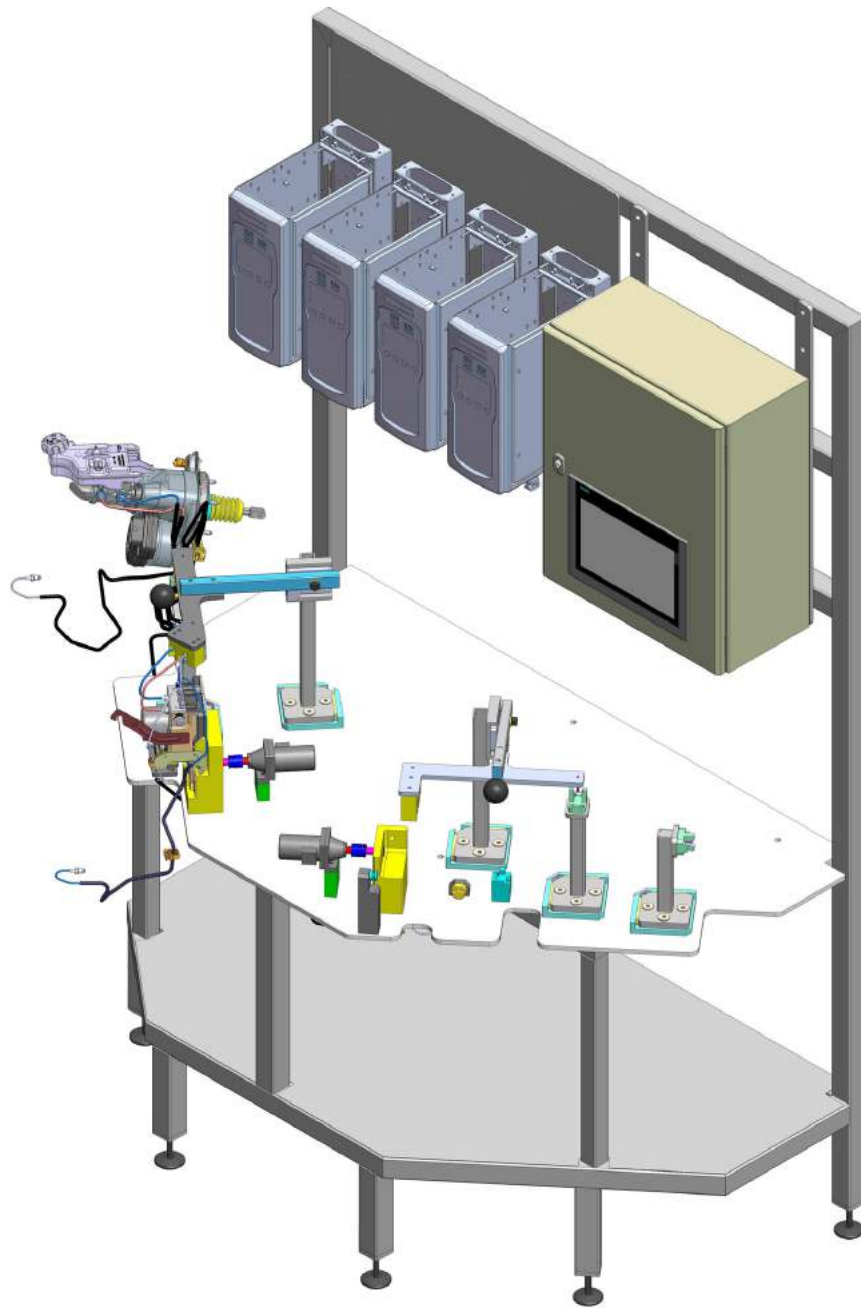
Mold Care Rotation Apparatus



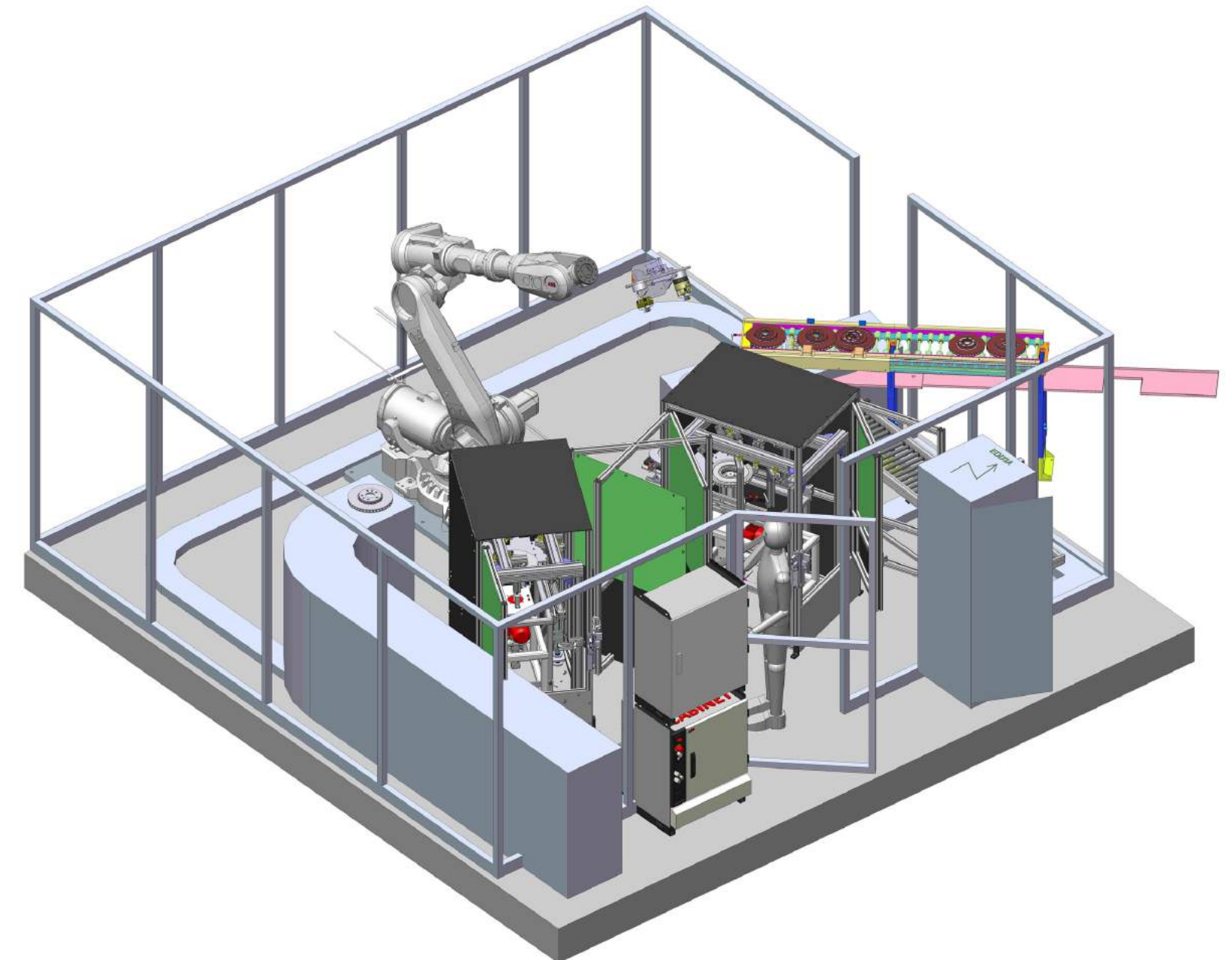
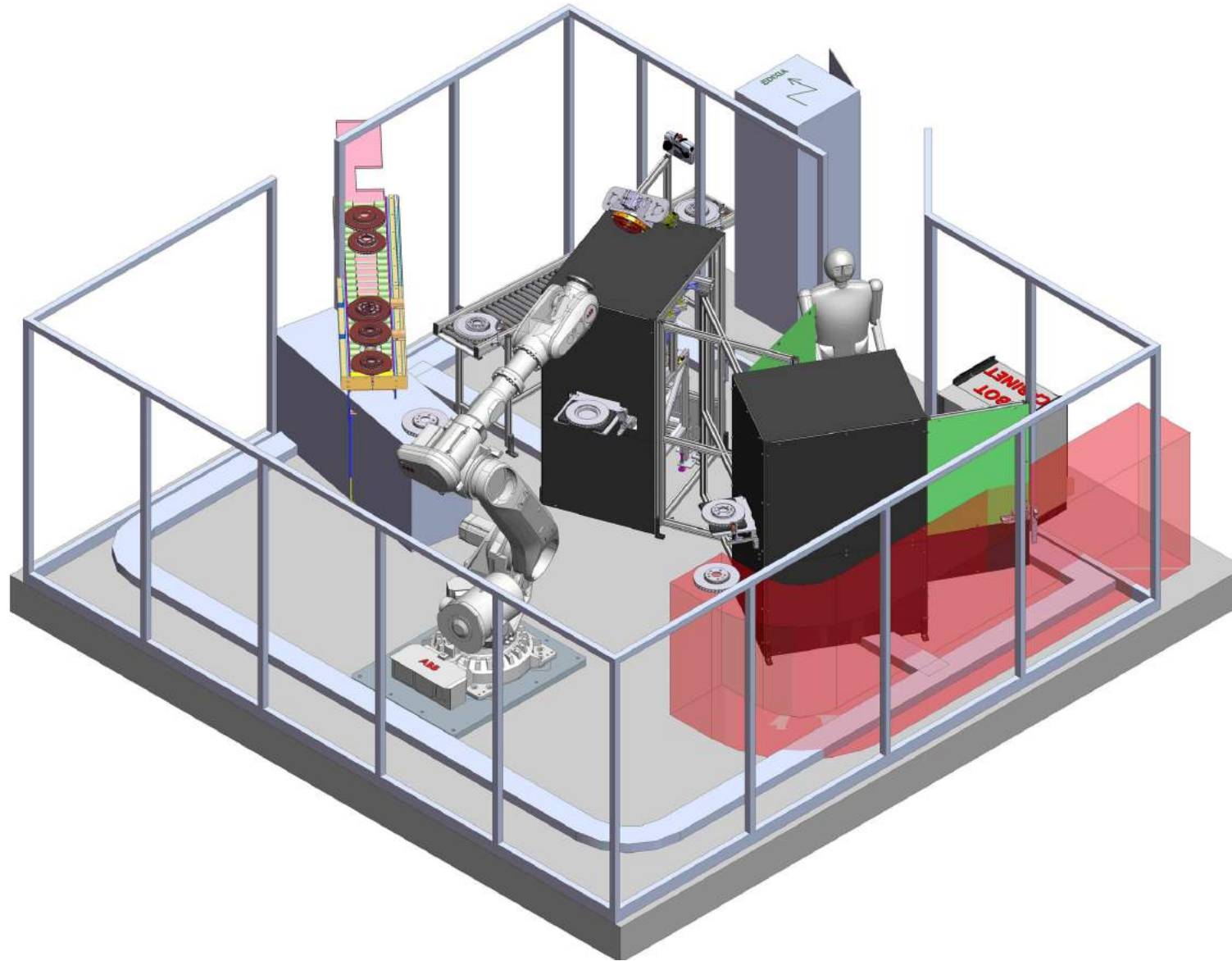
Seat Transport Lifts



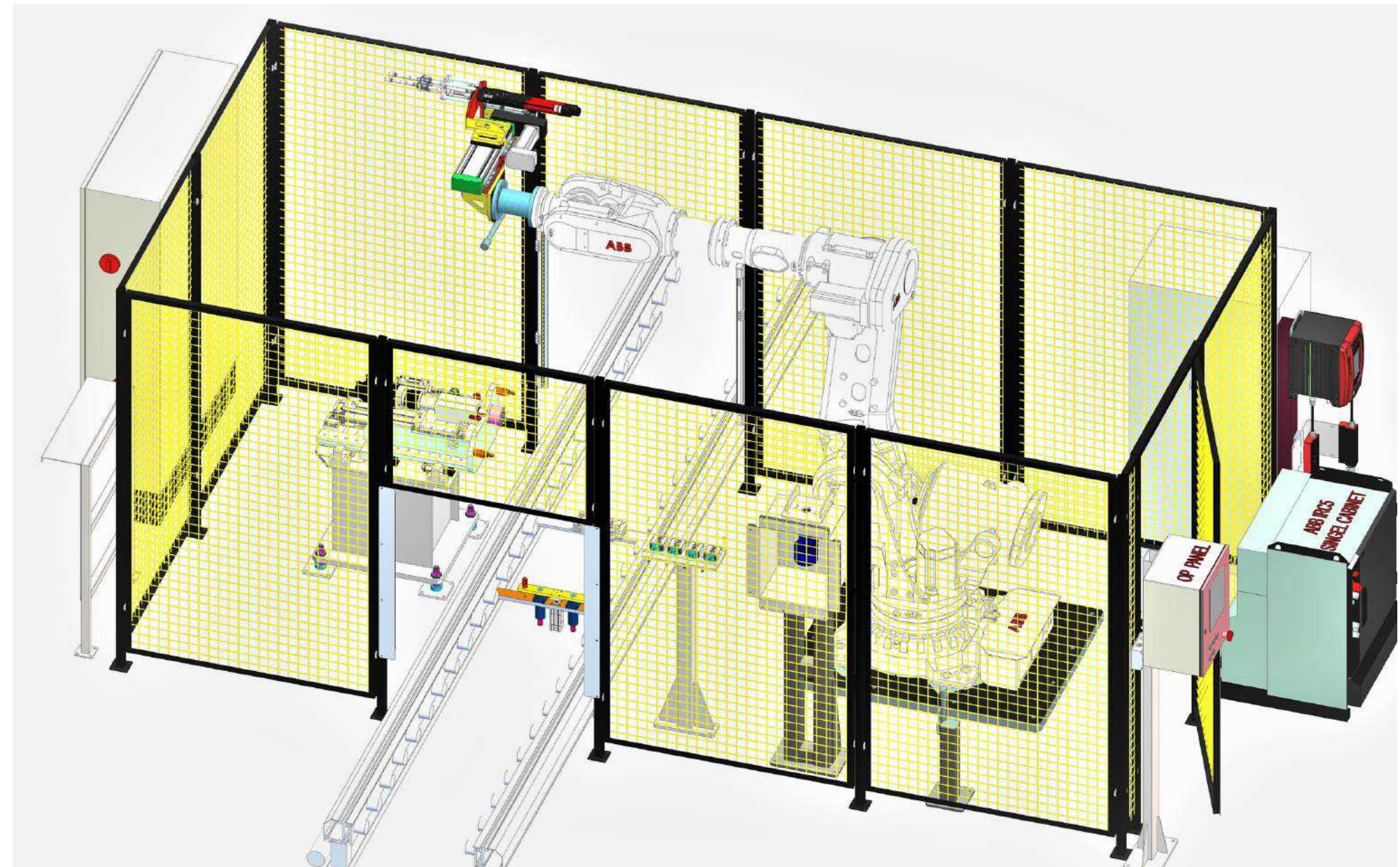
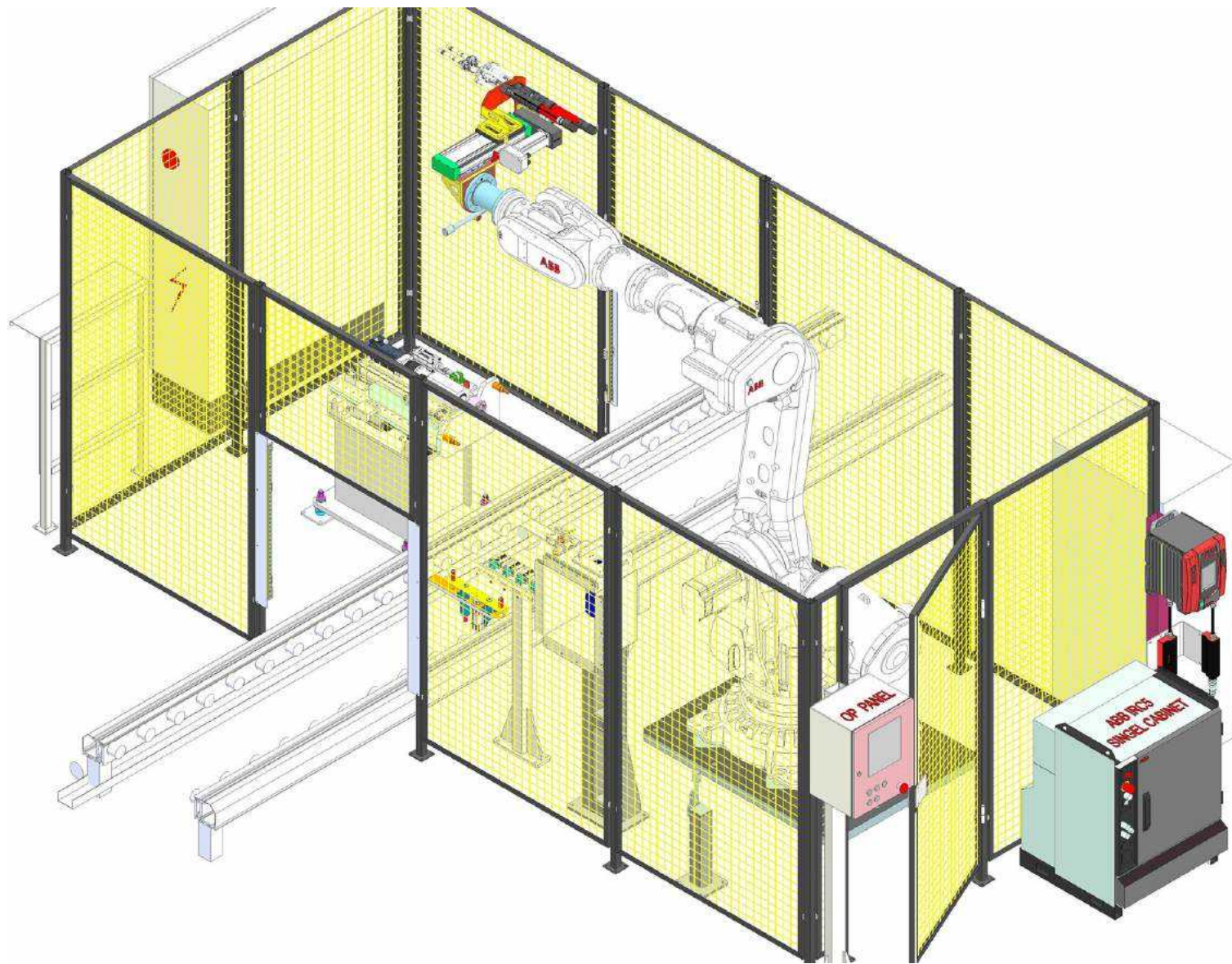
Hybrid ABS Preparation Tables



Disk Measurement Cells



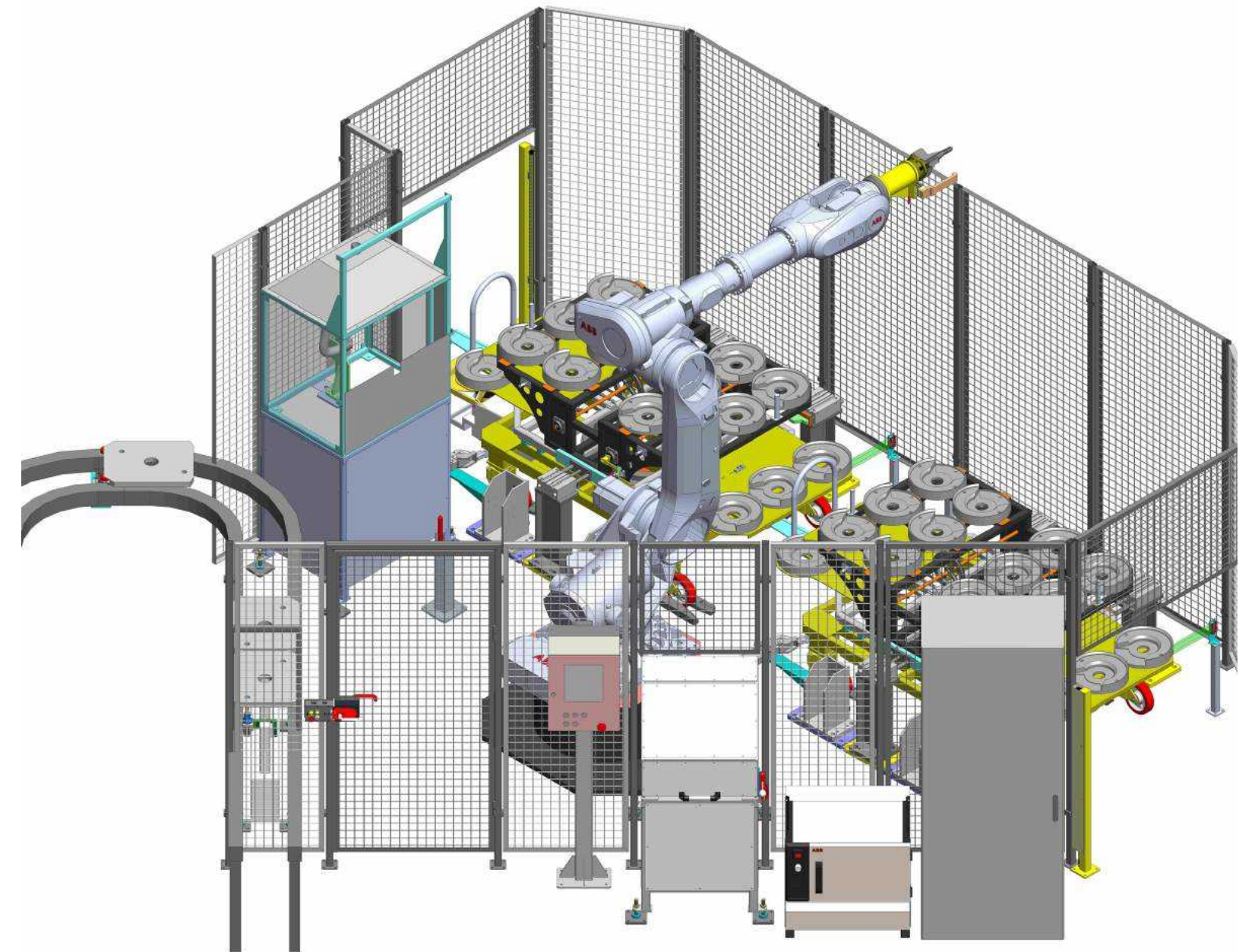
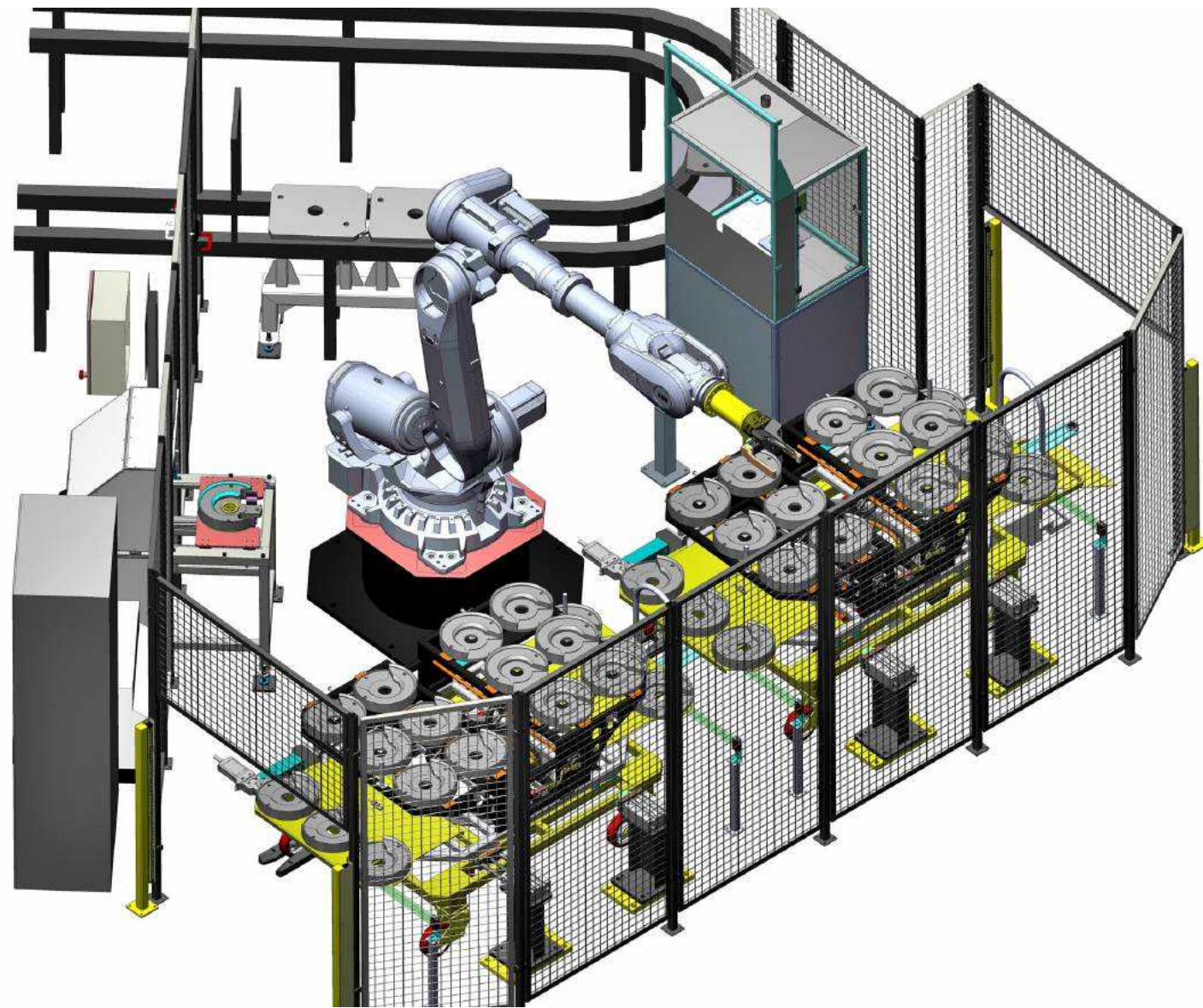
Robotic Connecting Rod Clamping Cell



Robotic Connecting Rod Clamping Cell



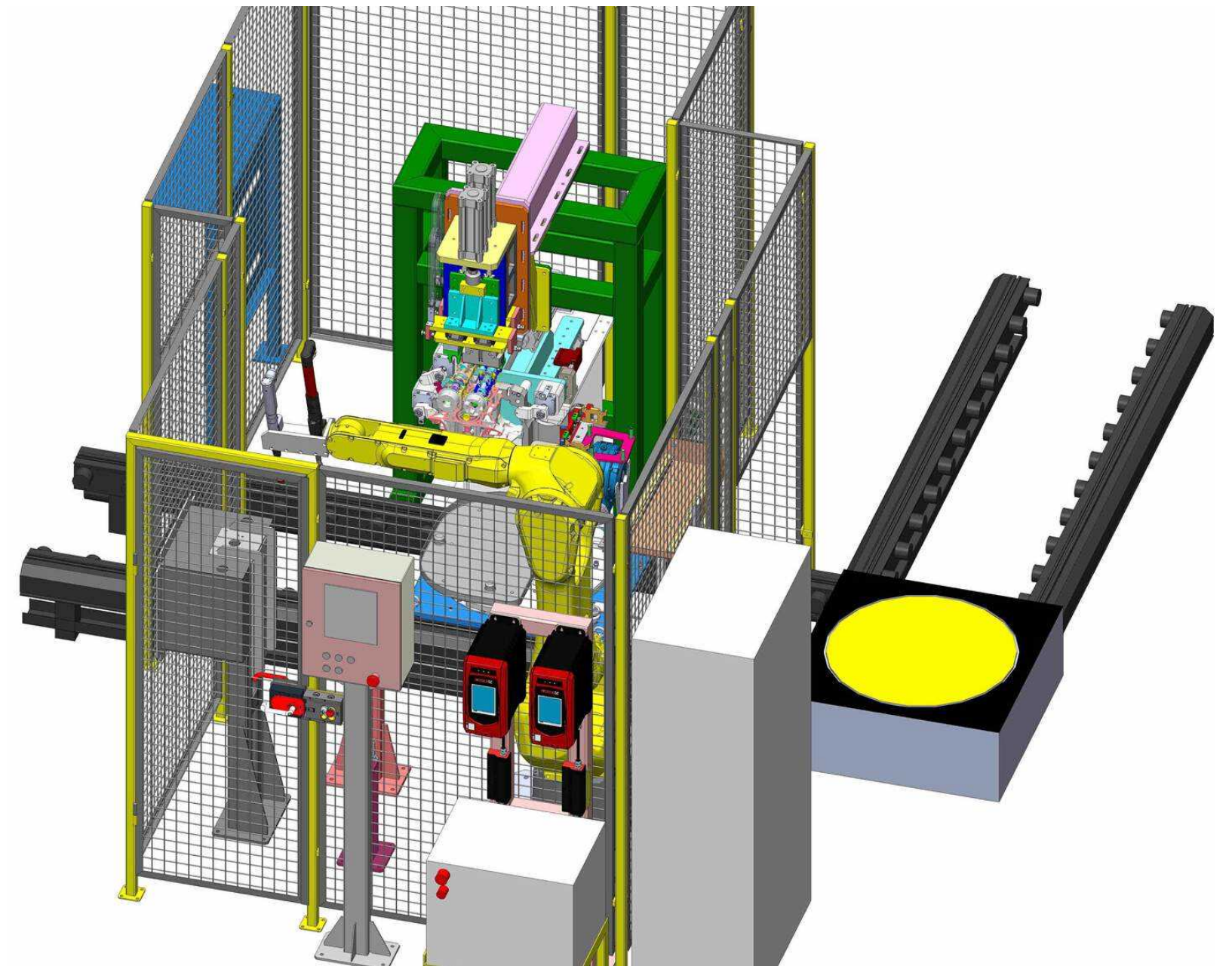
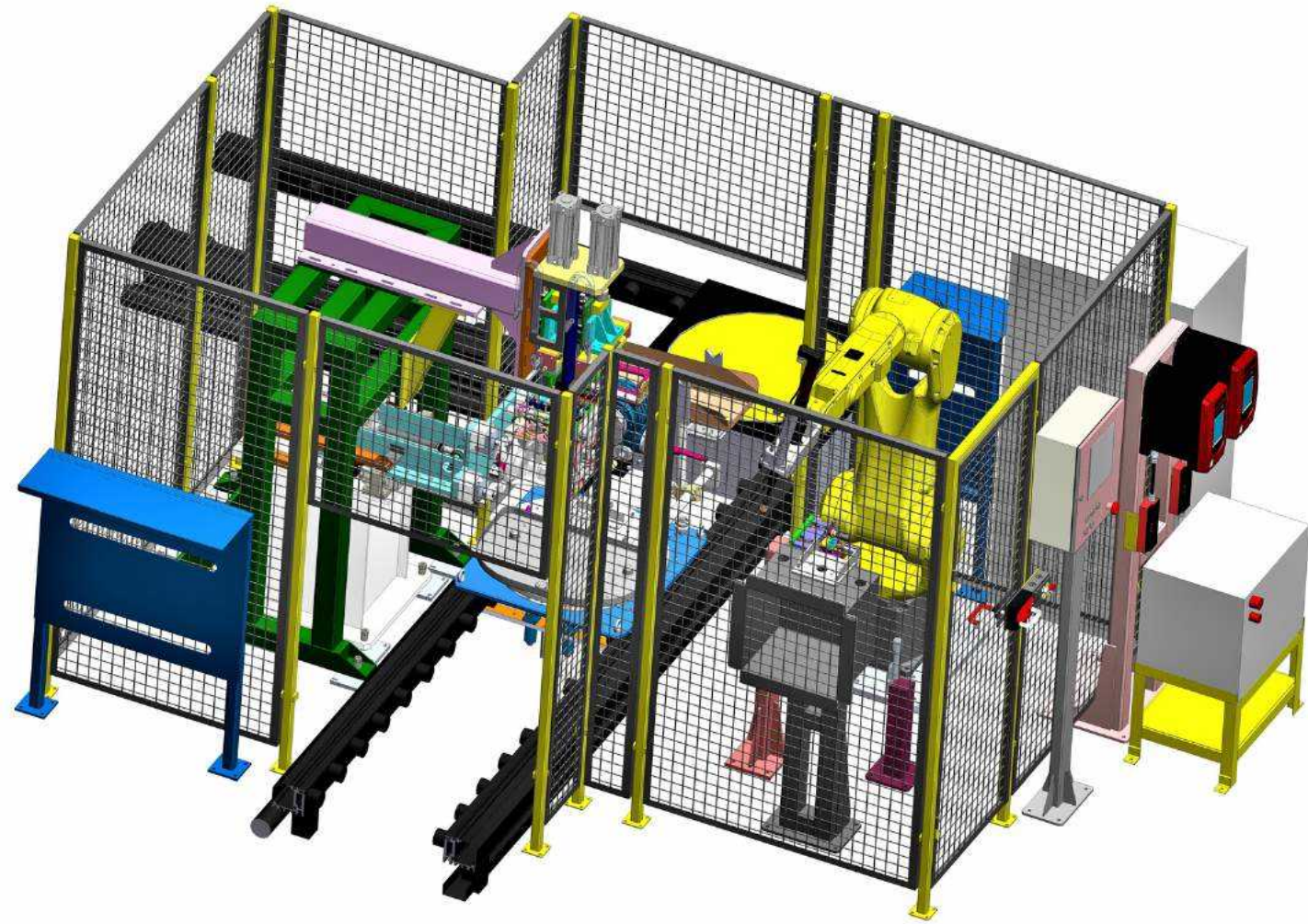
Front Tool Loading Cell



Front Tool Loading Cell



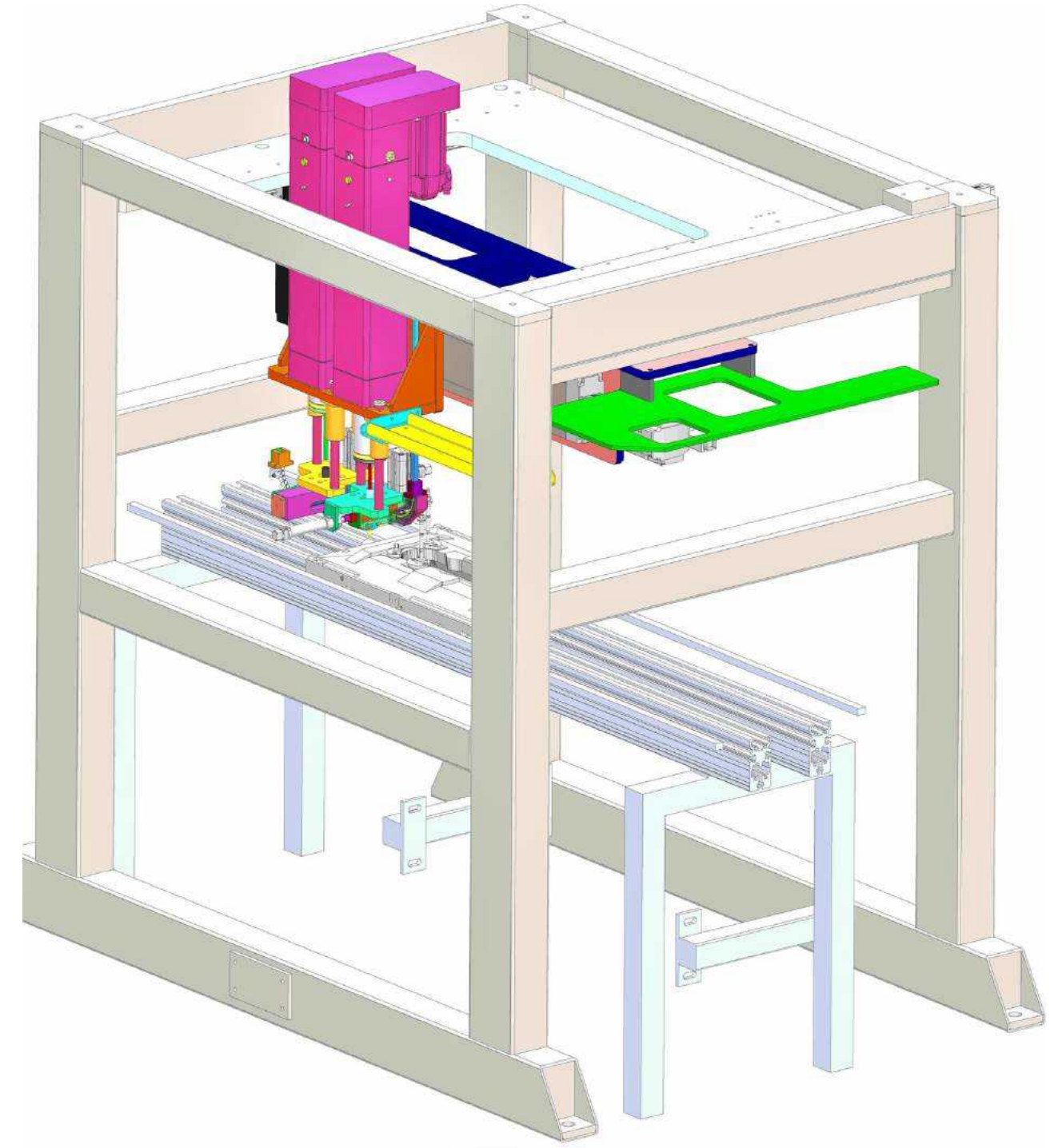
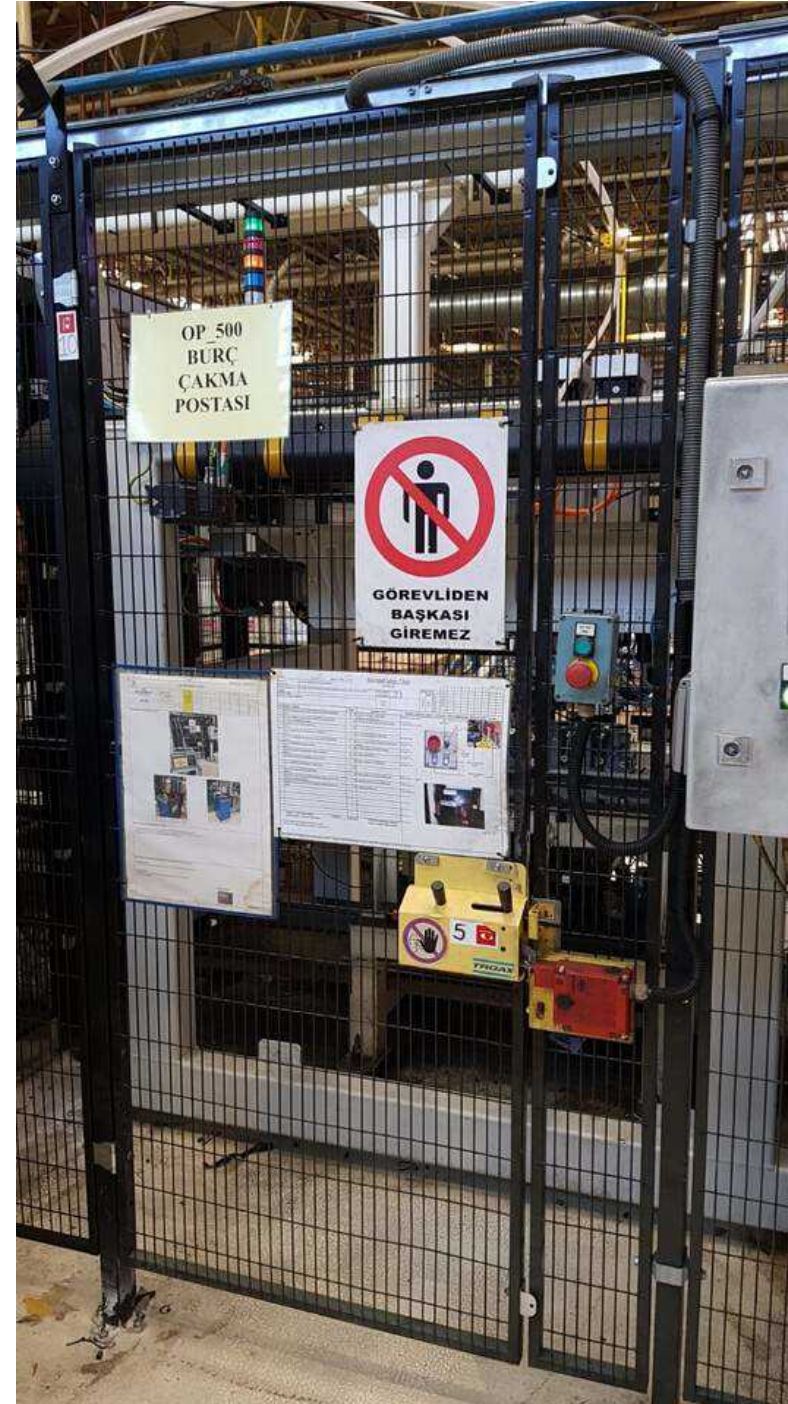
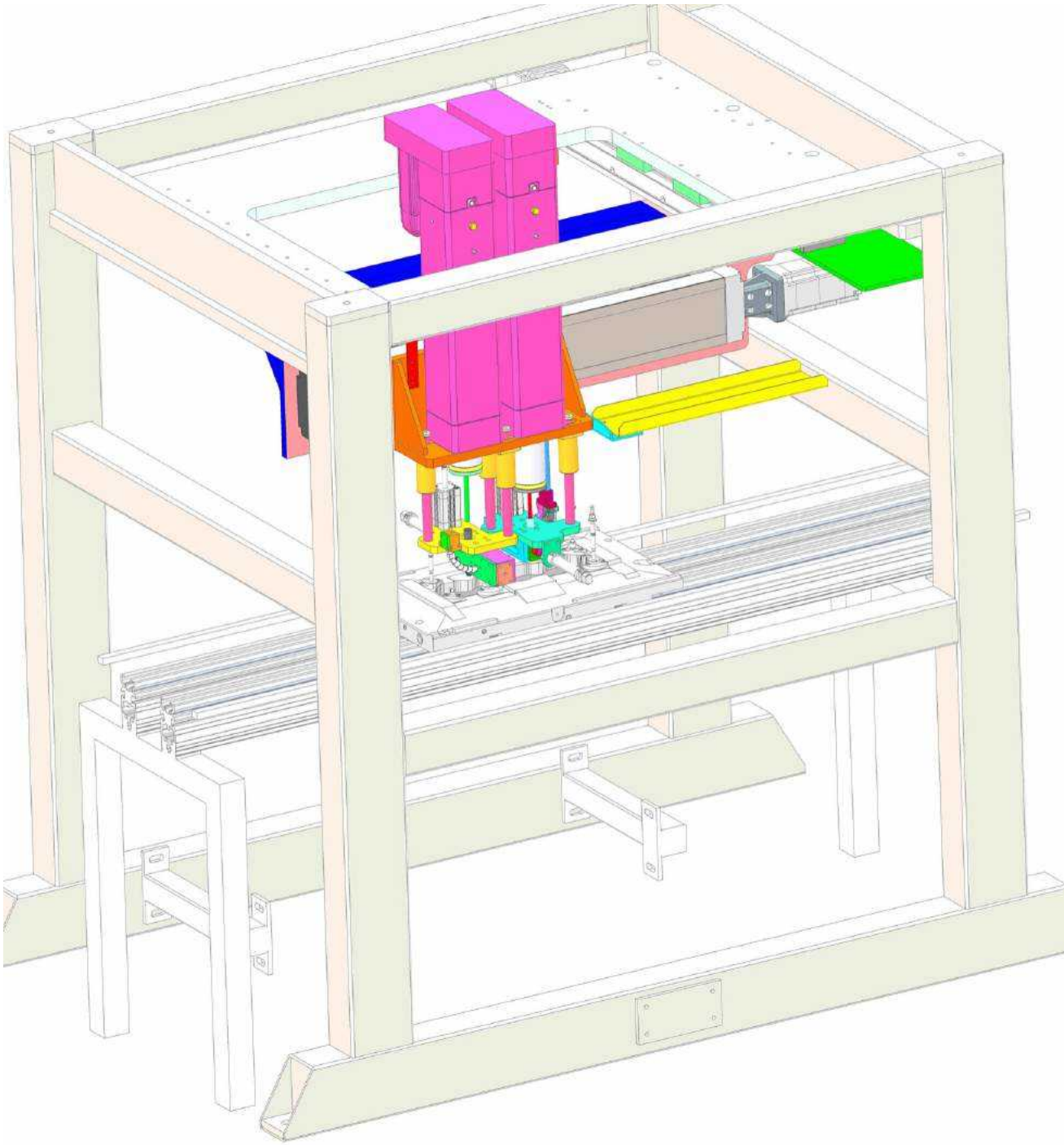
Robotic Cam Pulley Clamping



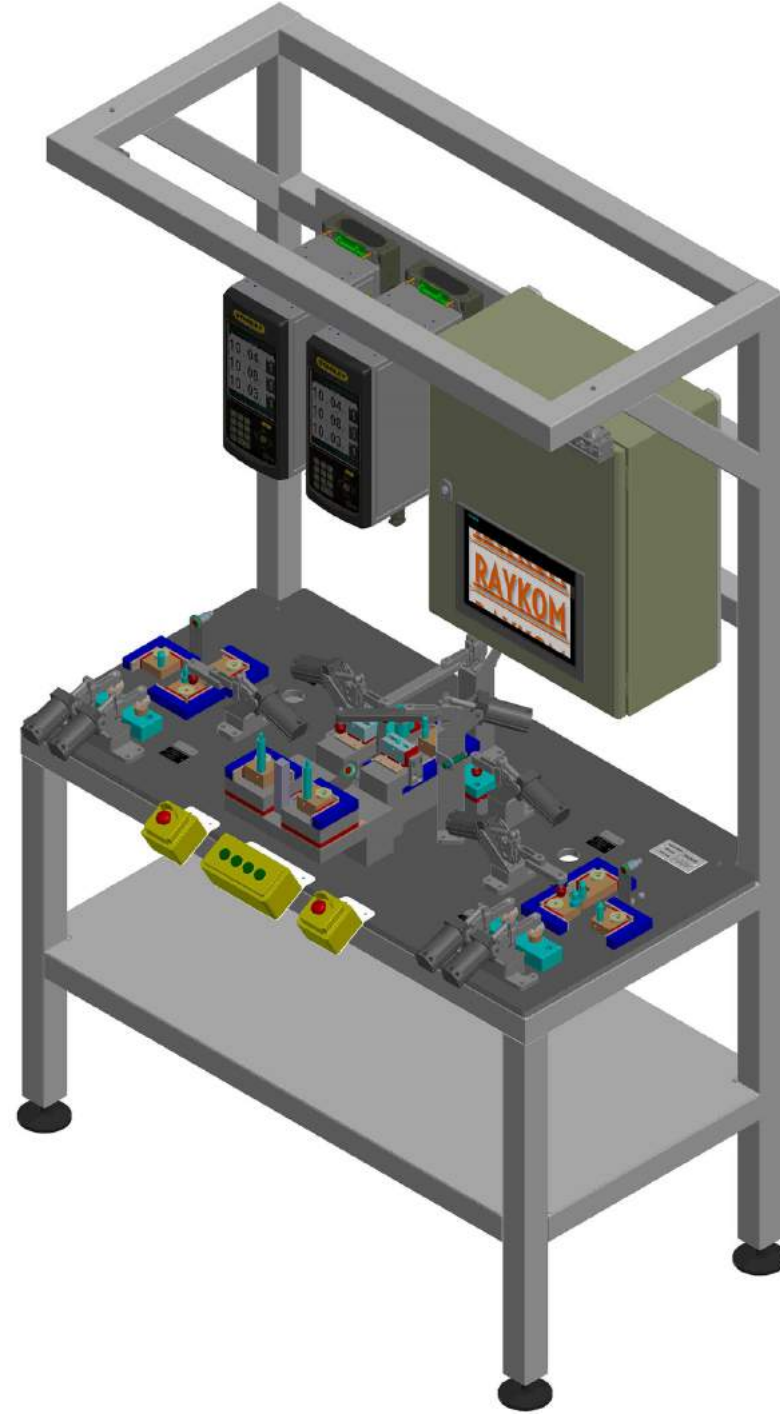
Robotic Cam Pulley Clamping



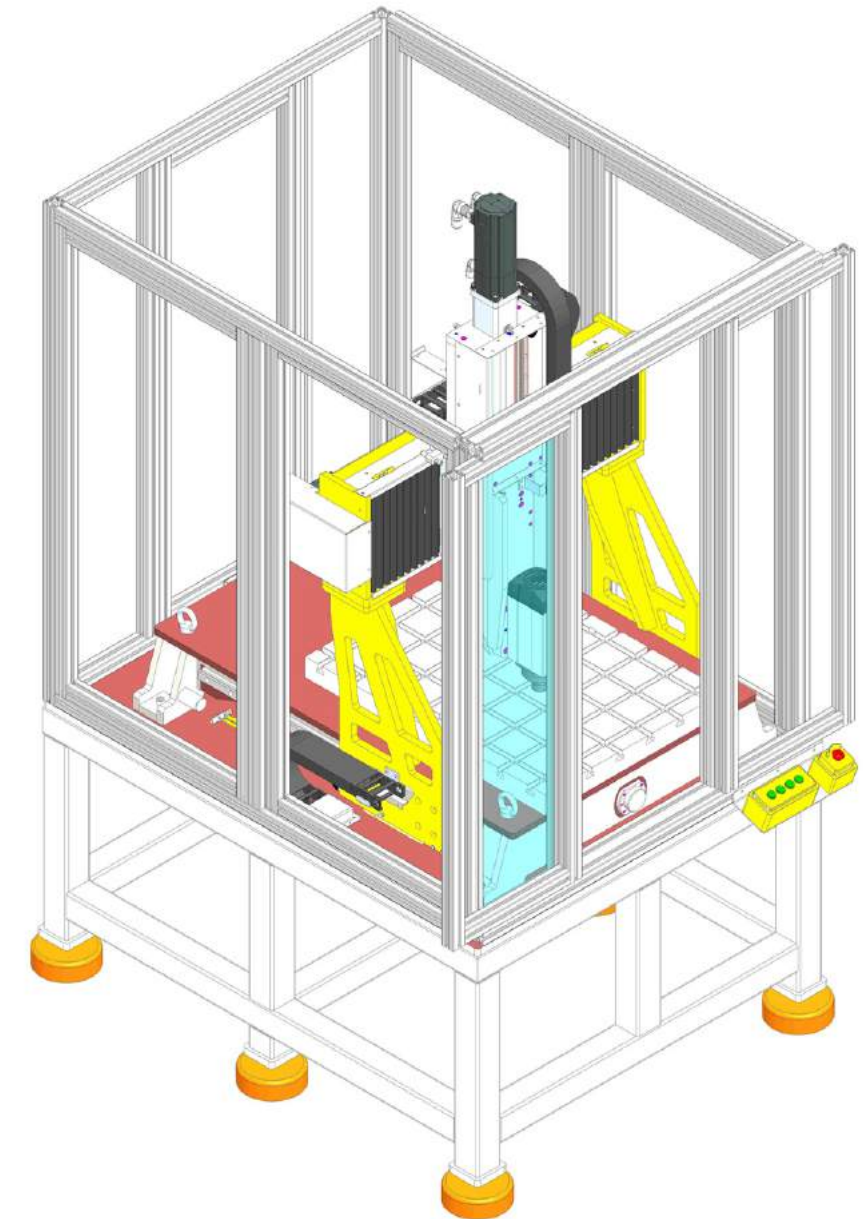
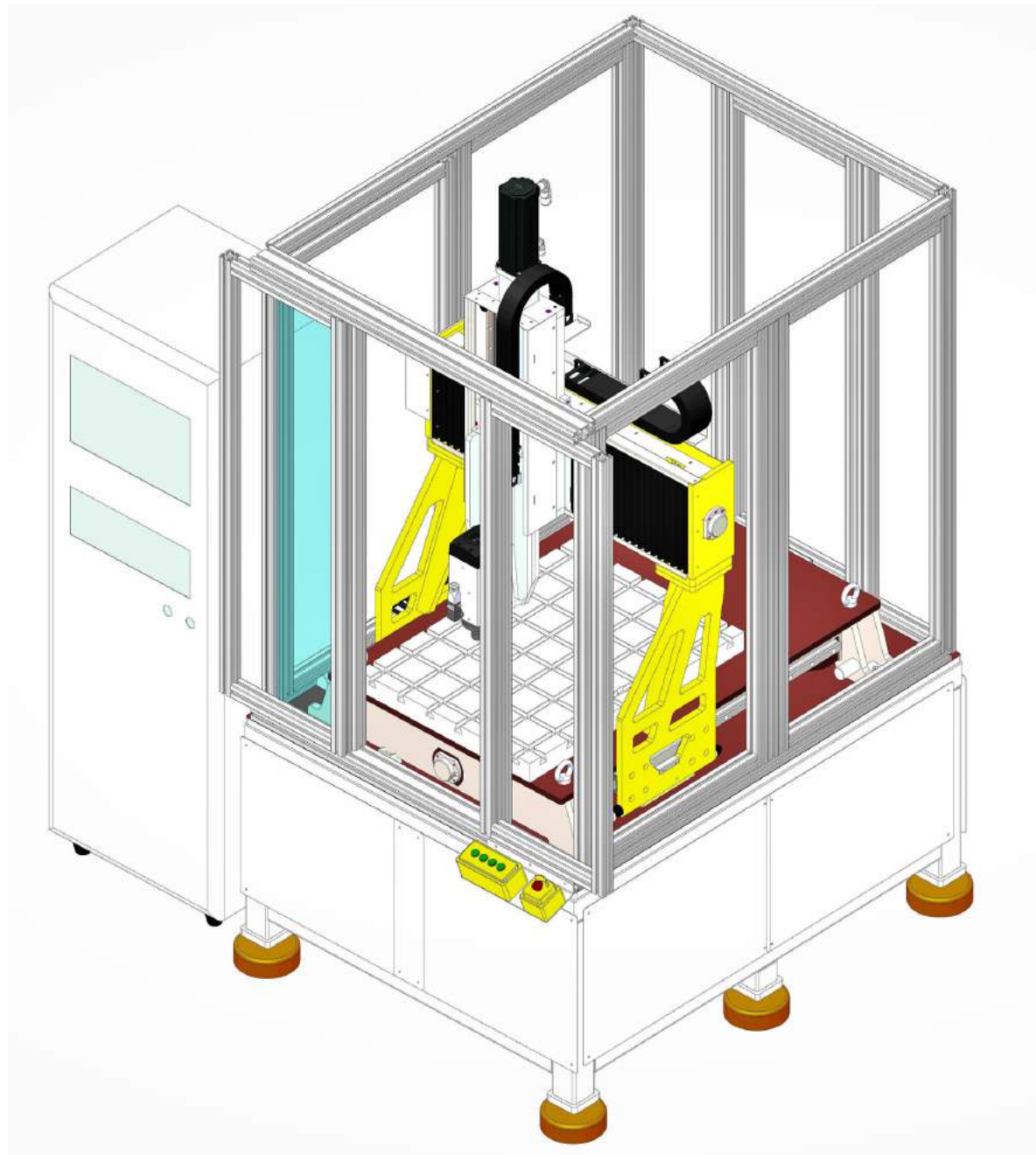
Bushing Servo Press



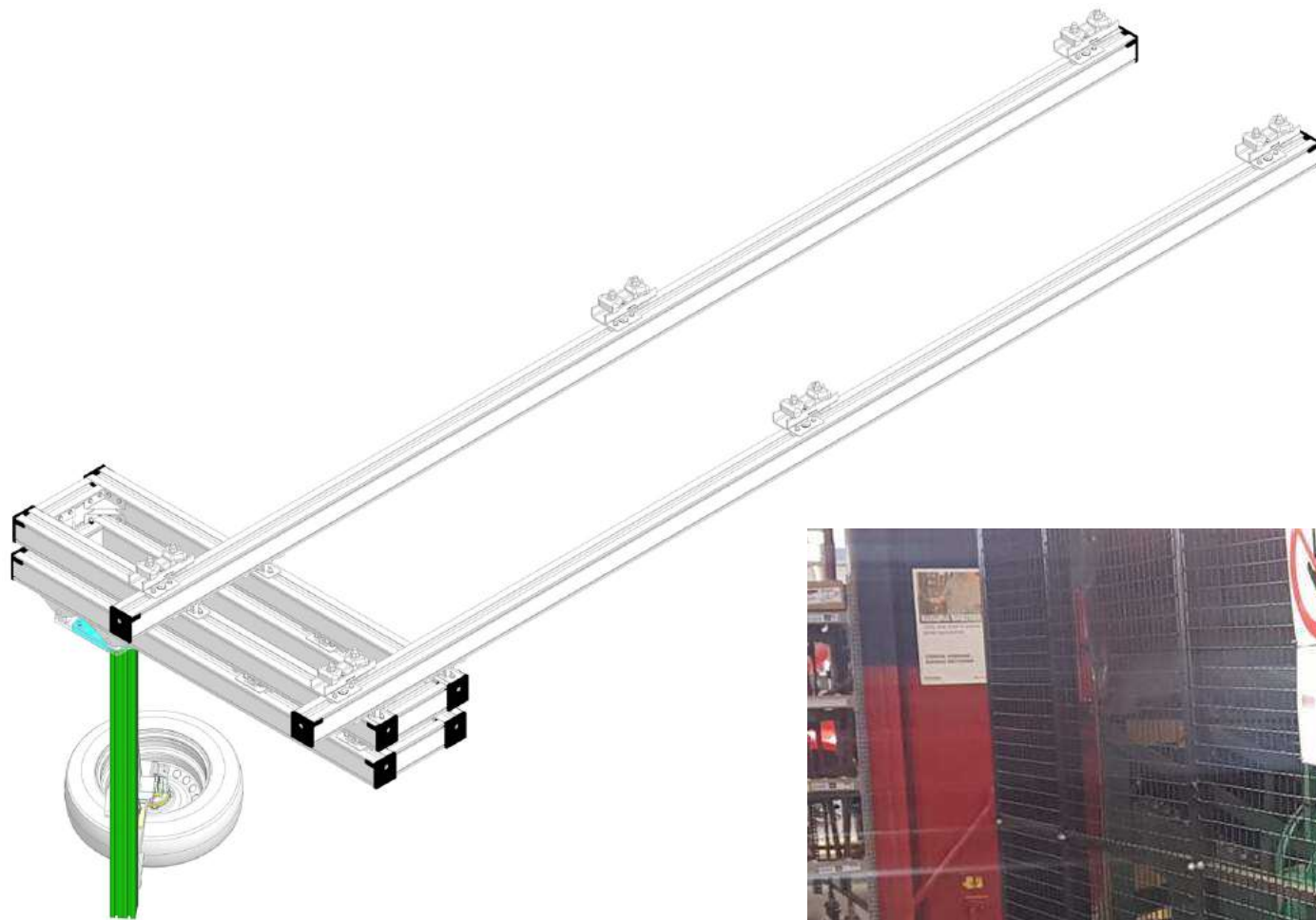
Controlled Traves Assembly Desk



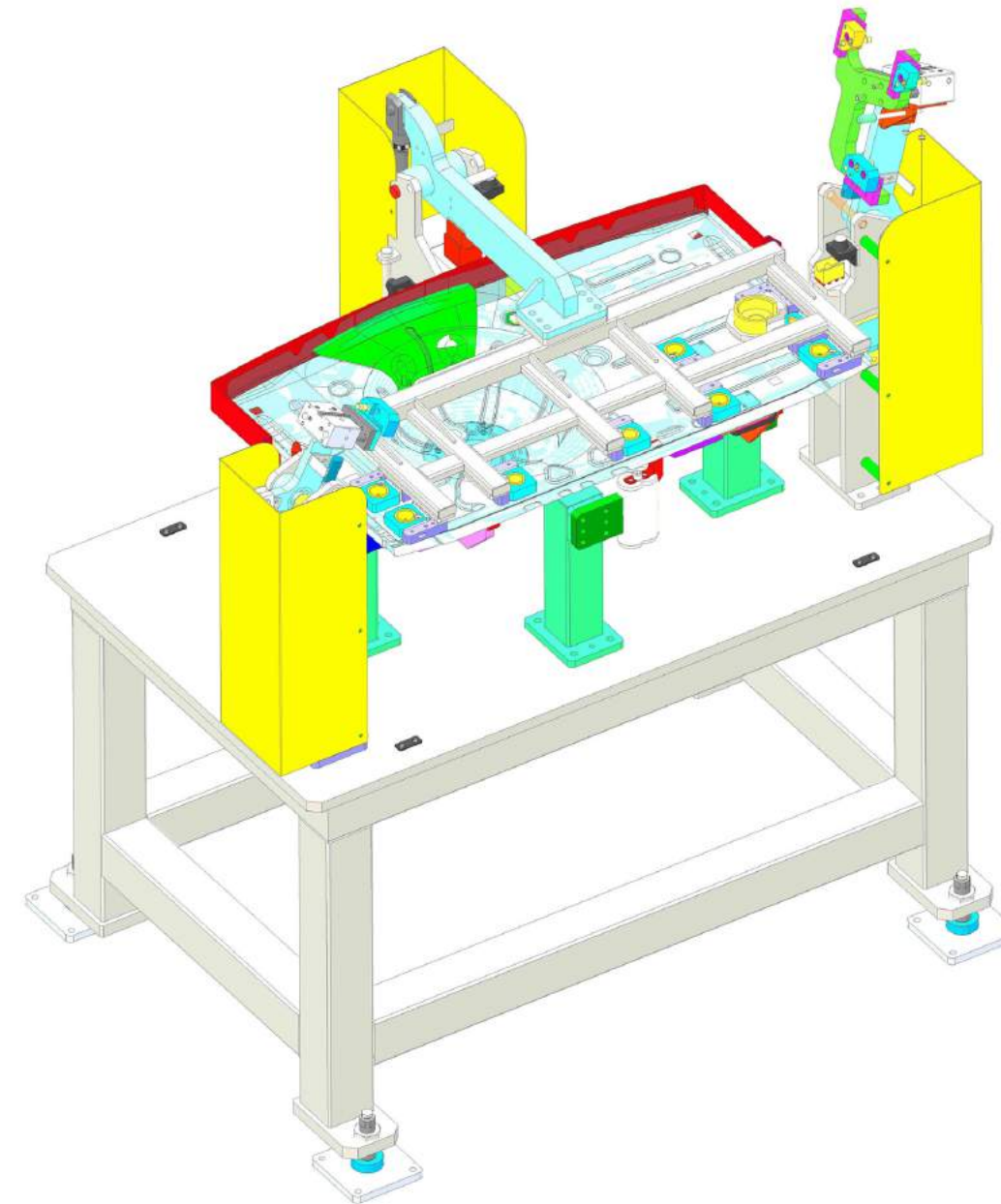
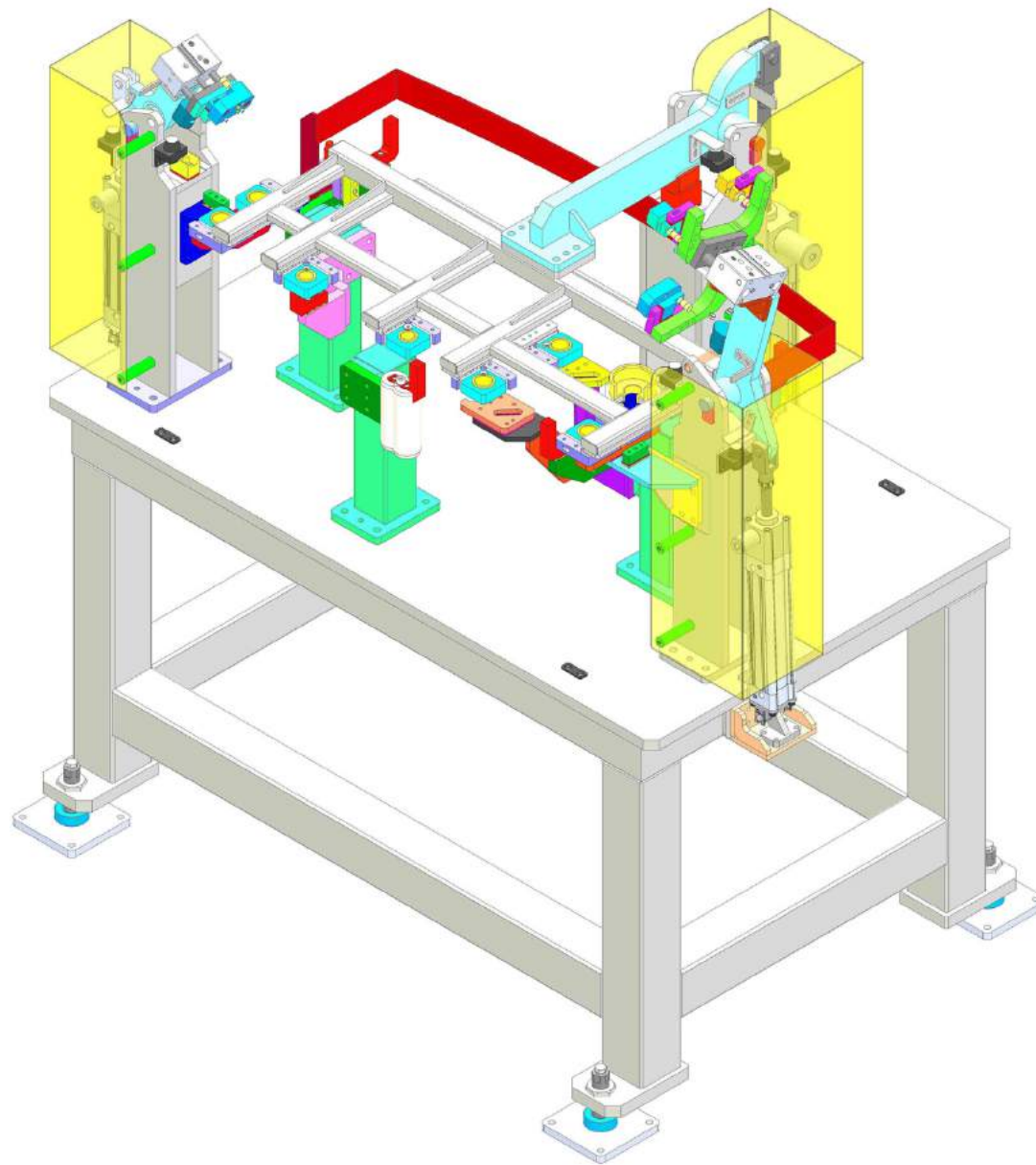
CNC Router



Spare Wheel Transport Assistant



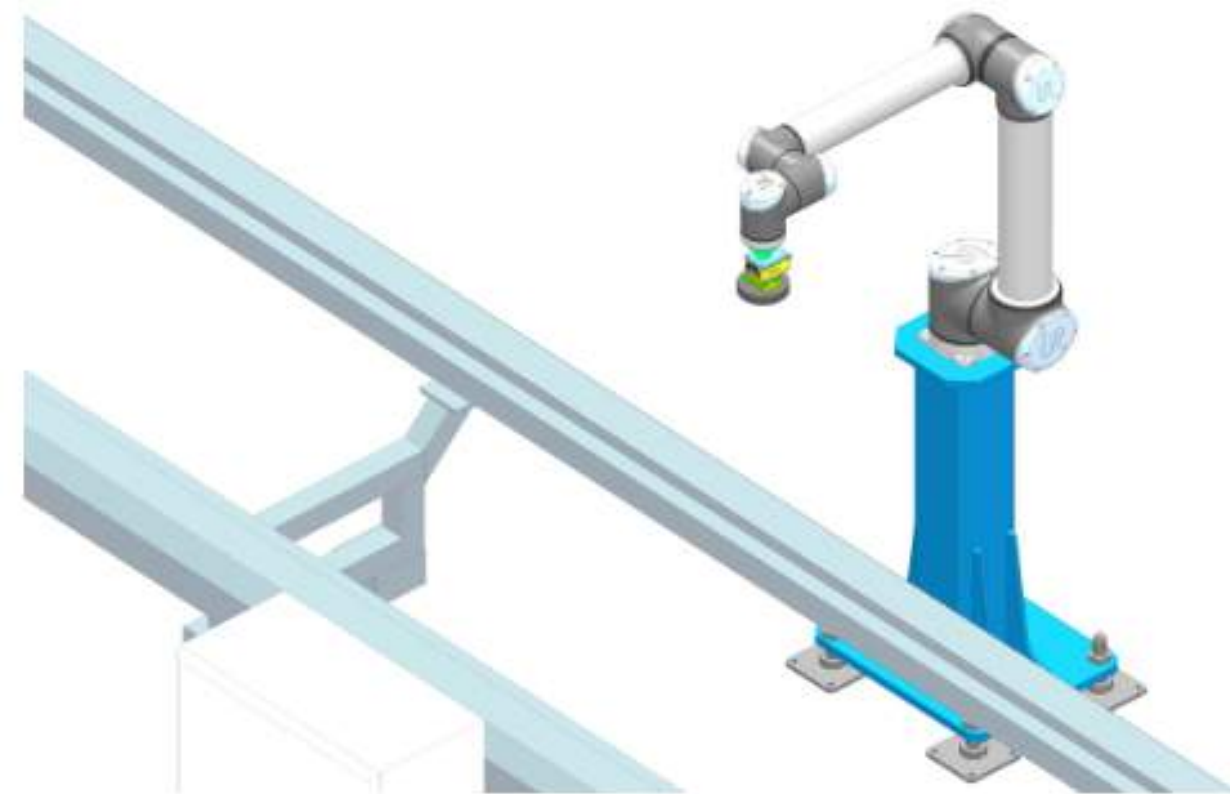
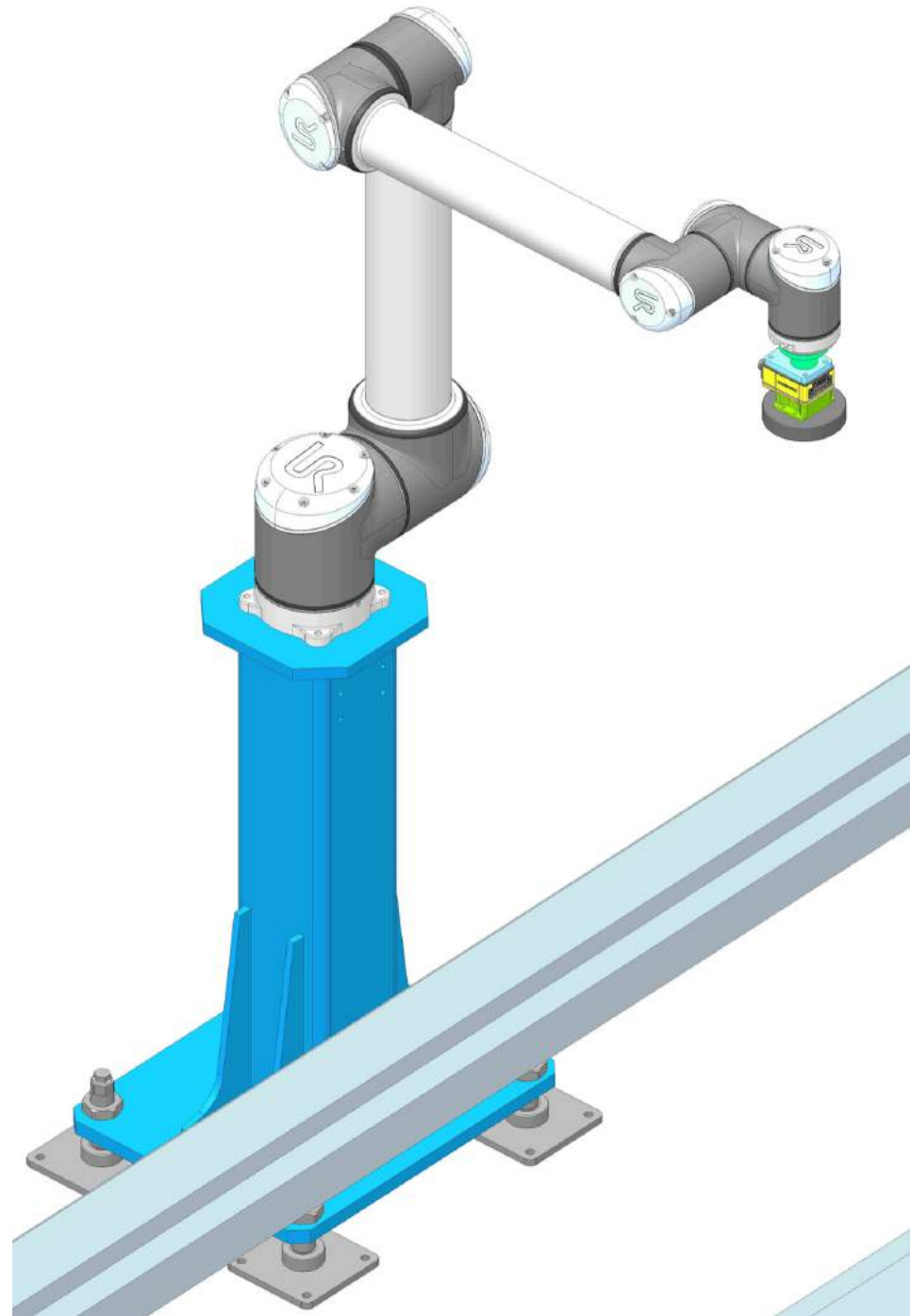
Rear Base Mold

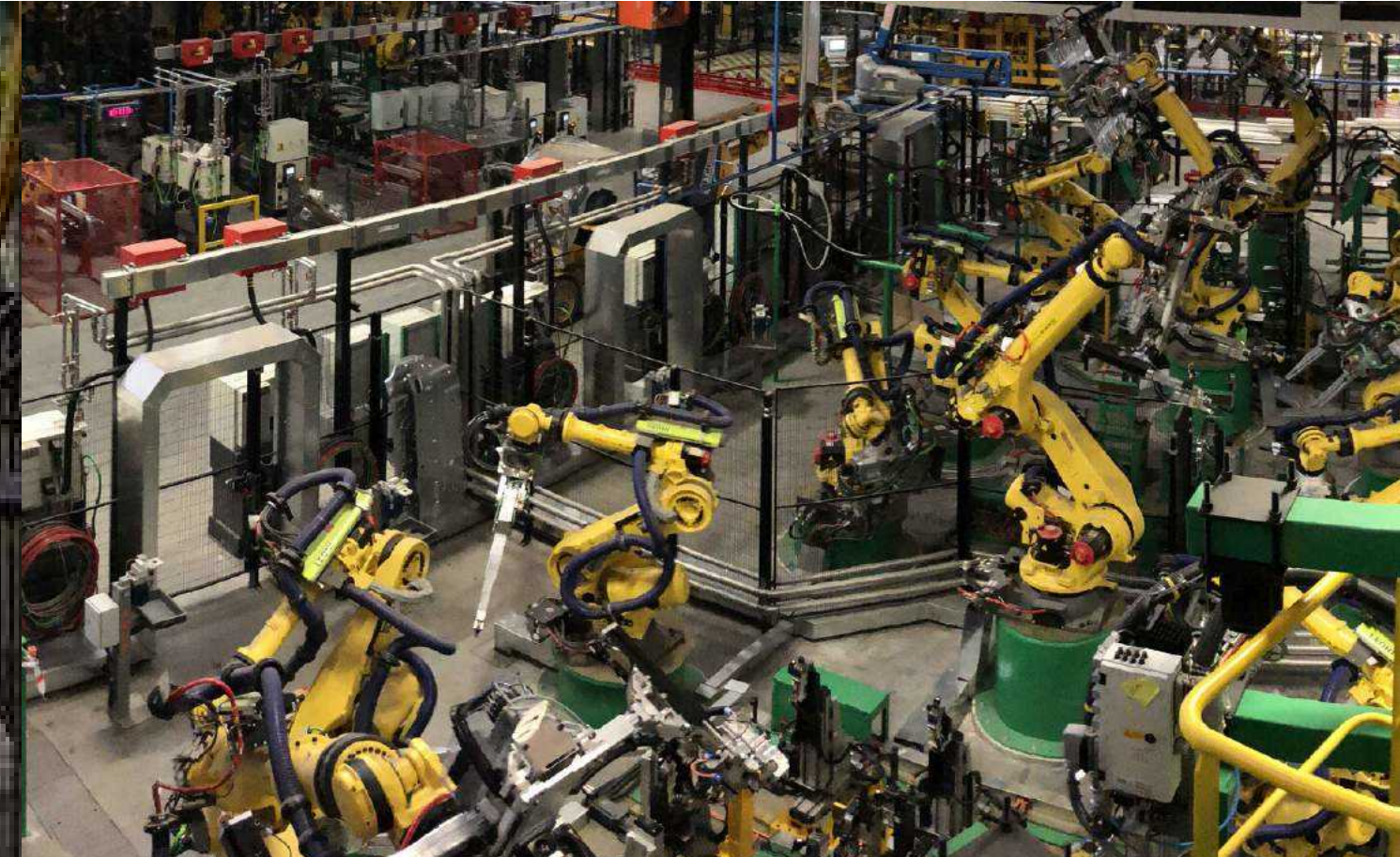


Rear Base Mold



Robotic Camera Mail





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