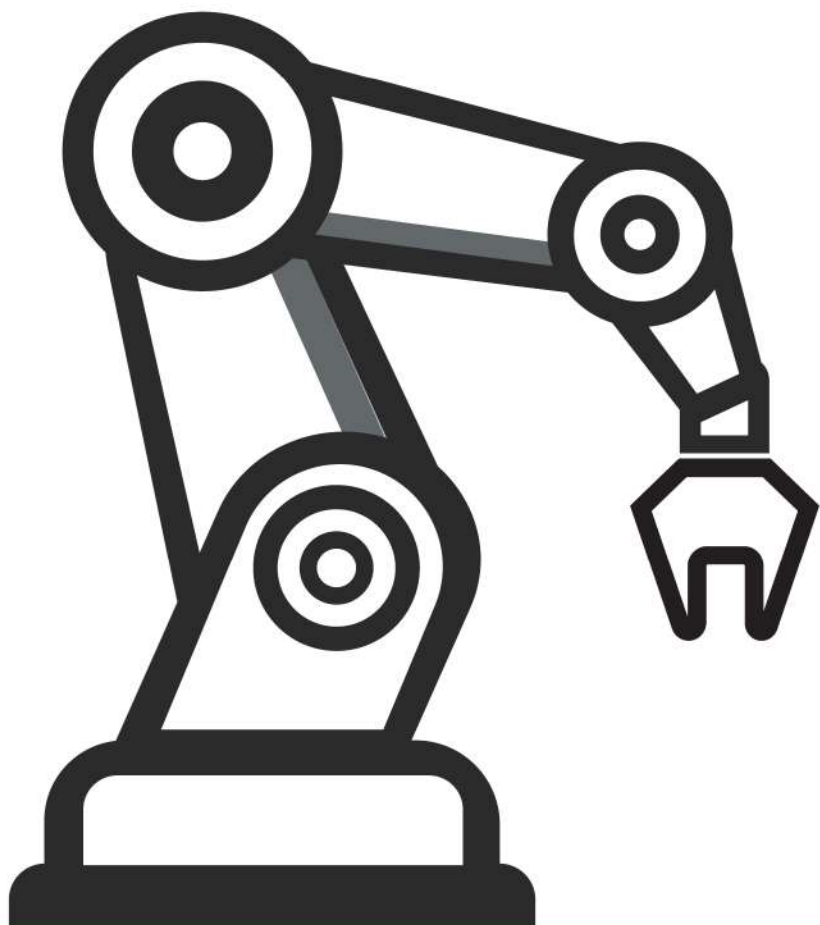




ELECTRODIGIT AUTOMATION AND ROBOTICS

AN ISO 9001 : 2015 QUALITY MANAGEMENT SYSTEM

CORPORATE PROFILE



AUTOMATE
ACCELERATE
EXCEL

VISION

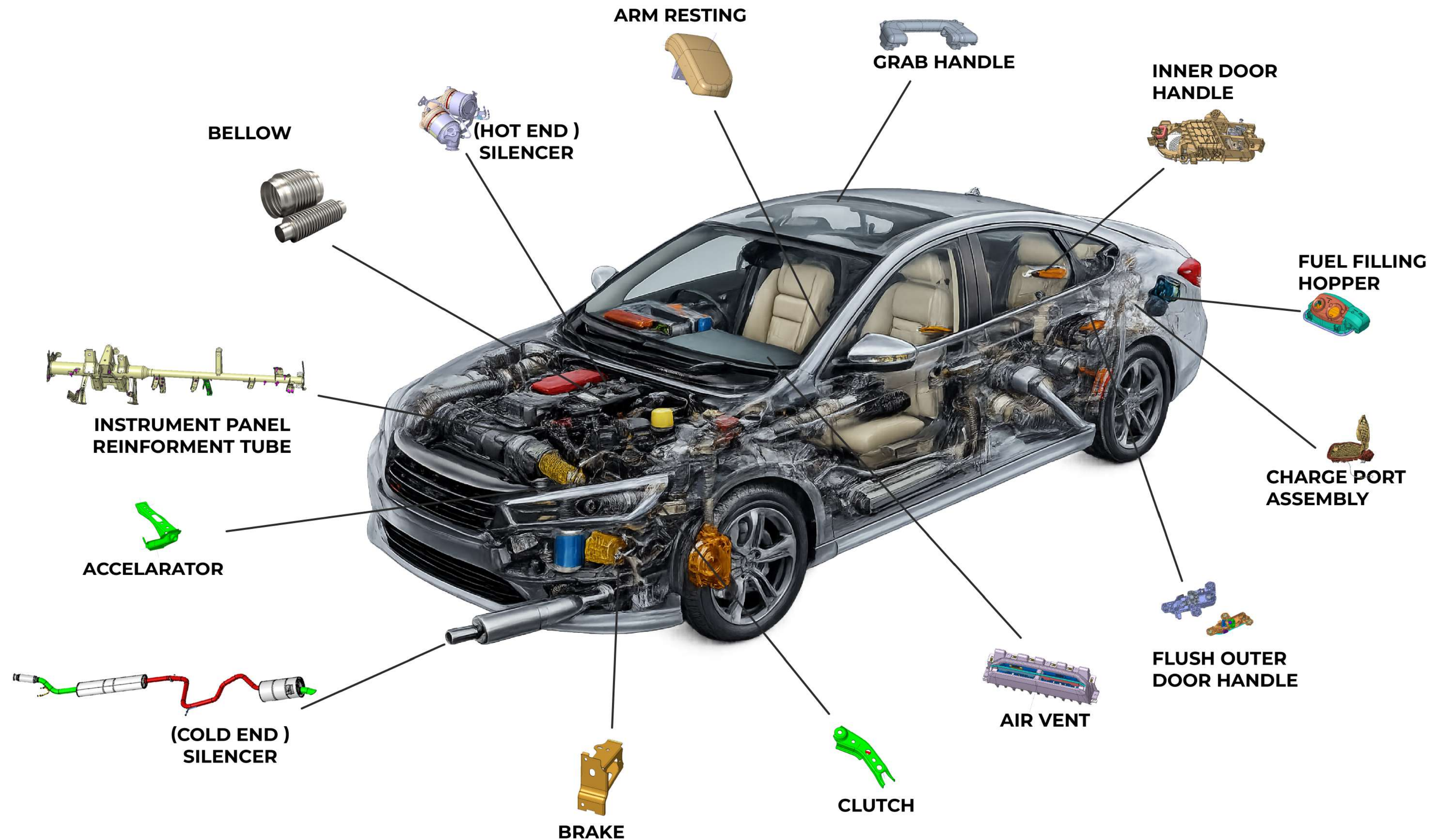
TO CONTINUE LEADING THE AUTOMATION INDUSTRY BY
PROVIDING RELIABLE AND INNOVATIVE ENGINEERING SOLUTIONS



MISSION

ON-TIME PROJECT DELIVERY
CUSTOMER-CENTRIC ENGINEERING
PRACTICAL AND VALUE-DRIVEN AUTOMATION SYSTEMS
QUALITY, SAFETY, AND ENGINEERING STANDARDS
HIGH CUSTOMER SATISFACTION
INNOVATION FOR THE FUTURE

SPECIALIZATION DOMAIN : 4 WHEELER



INDUSTRIAL SECTOR WE COVER



2 WHEELER - AUTOMOTIVE



4 WHEELER - AUTOMOTIVE



EARTH MOVING, CONSTRUCTION
MINING & FARM EQUIPMENT



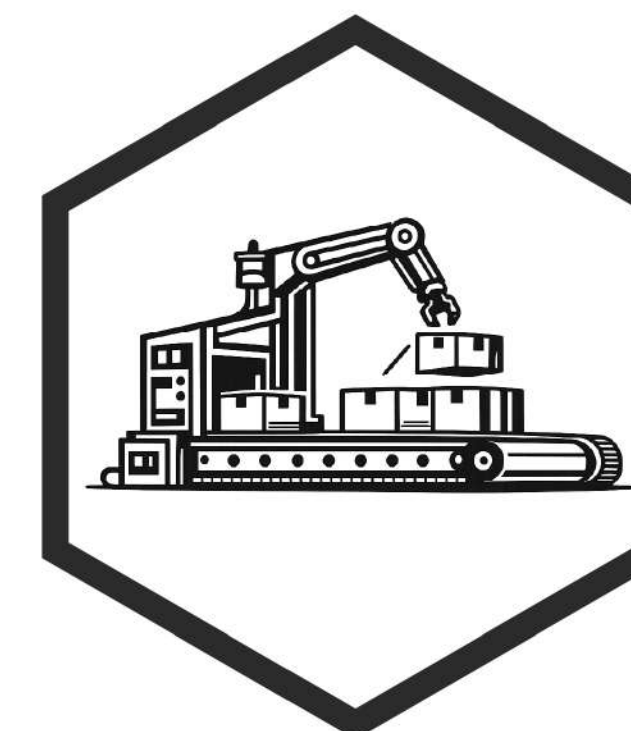
RENEWABLE
ENERGY



BUS-AUTOMOTIVE



TRUCK-AUTOMOTIVE



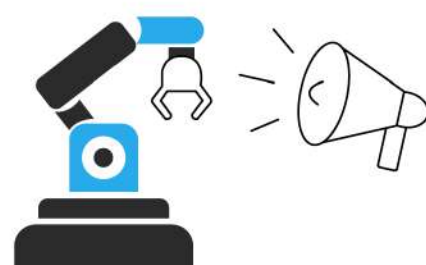
PACKAGING & CONVEYORS

STRENGTH & STRUCTURE

NAVNATH JADHAV
(MANAGING DIRECTOR)

MARKETING

SHAILESH
GAIKWAD ■ ROHIT
HIBARE



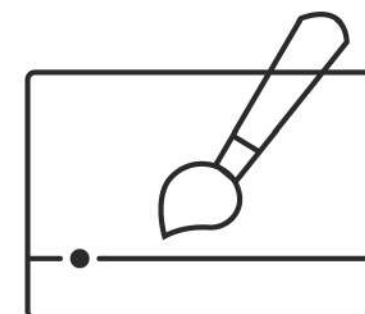
SALES

ROHIT
MAGAR



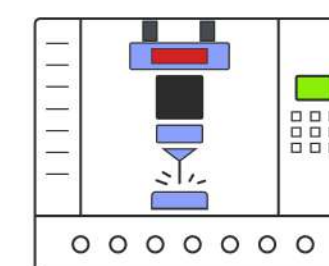
DESIGN

RUSHIKESH ■ SAGAR
ULAPE AMLE



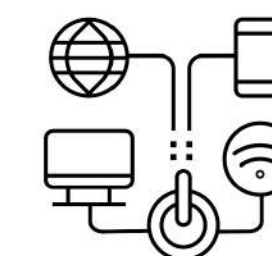
CONTROL

CHAITANYA
KATKAR



PROJECT

ATISH ■ NIRANJAN
SURVE TAJNE



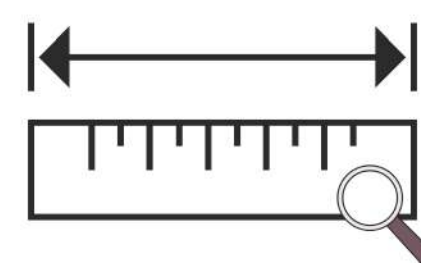
MANUFACTURING

DIPAK ■ MAHENDRA
GEJAGE KHAIRNAR



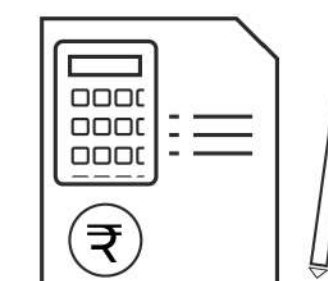
QUALITY CONTROL

MANJUNATH
MOHITE



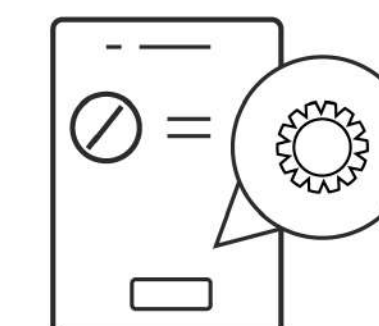
FINANCE ACCOUNTING

ASHWINI
JADHAV



PURCHASE STORE

DATTATRAY
RODE

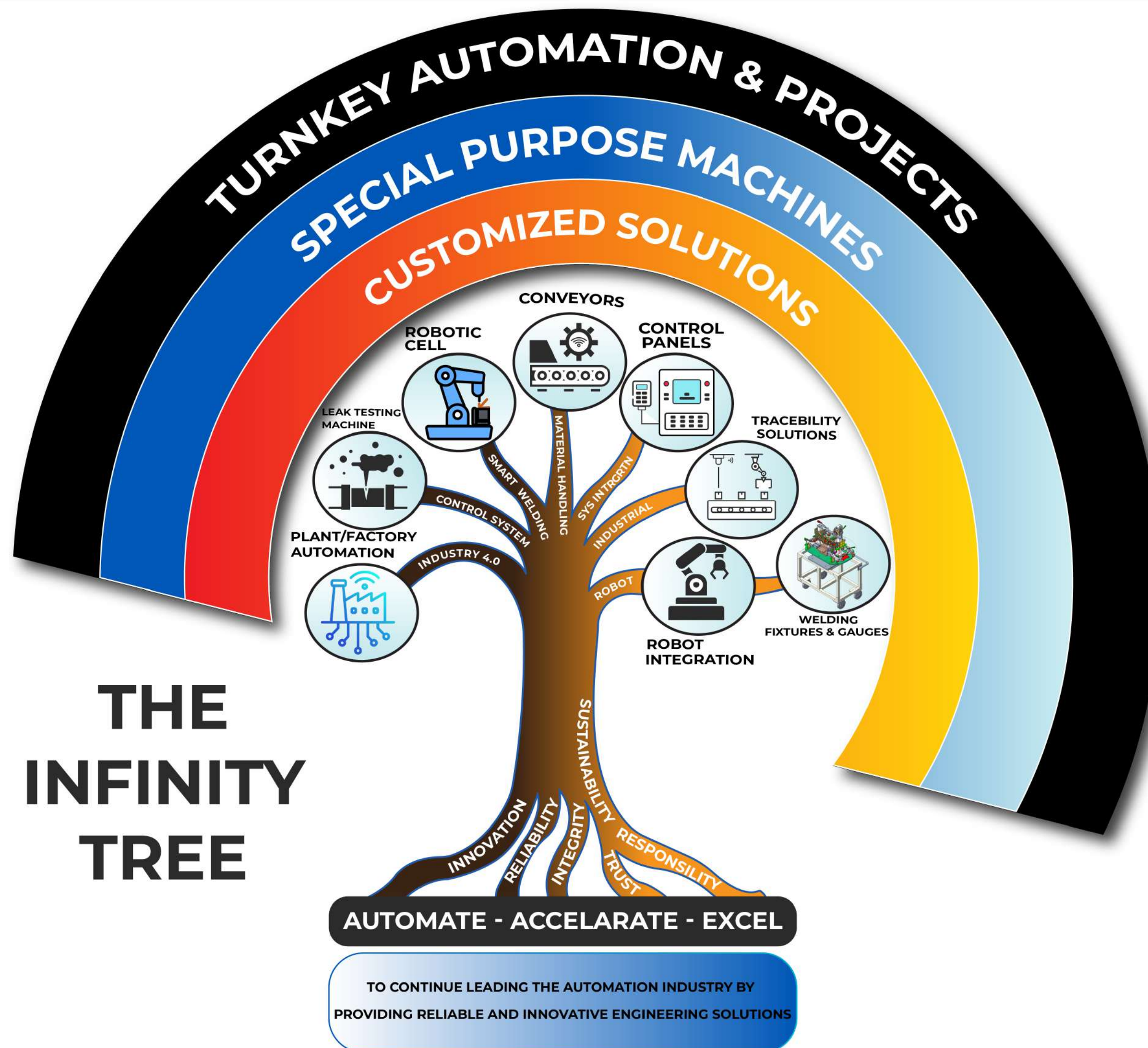


HUMAN RESOURCE

VISHWAS
SHIROLE



PRODUCTS AND SOLUTIONS



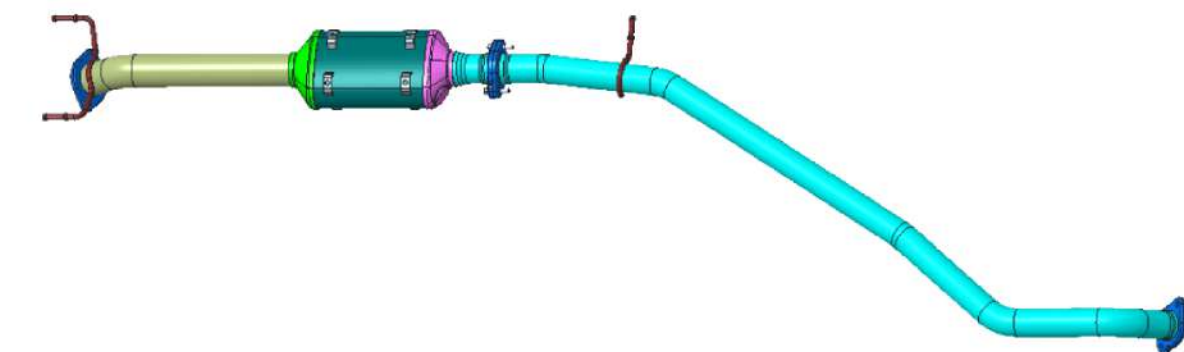
PRODUCT CATEGORIES

- Special Purpose Machines (SPM's)
- Robotic Cells
- Material Handling Systems
- Jigs & Fixtures
- Packaging Machines
- Engineering Services
- Control & Power Panels
- Traceability Software Solutions
- Inspection Gauges
- Conveyor Systems

ACHIEVEMENTS

- Projects - 1000+
- Clients Served - 45+
- Presence - 11+ States
- Timeline of Innovation - 8+ Years
- Robotic- Cell, Lines & Fixtures
- Certified - ISO 9001 : 2015 Quality Management System

ROBOTIC CELL

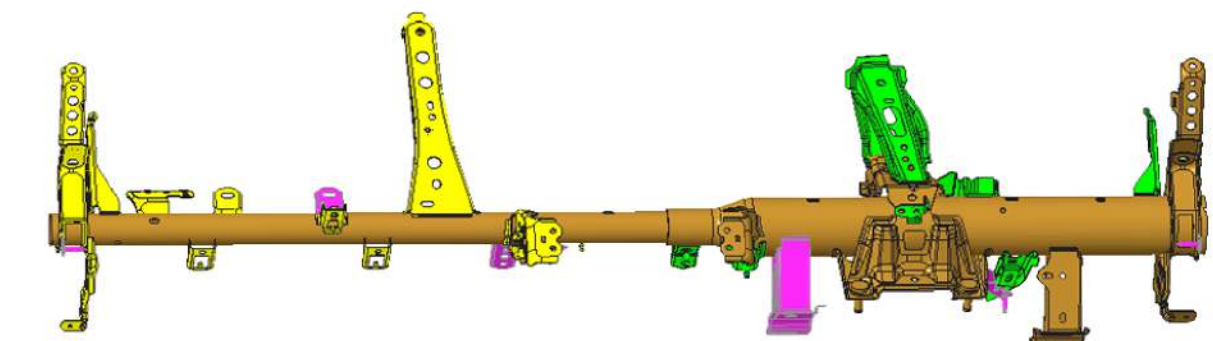
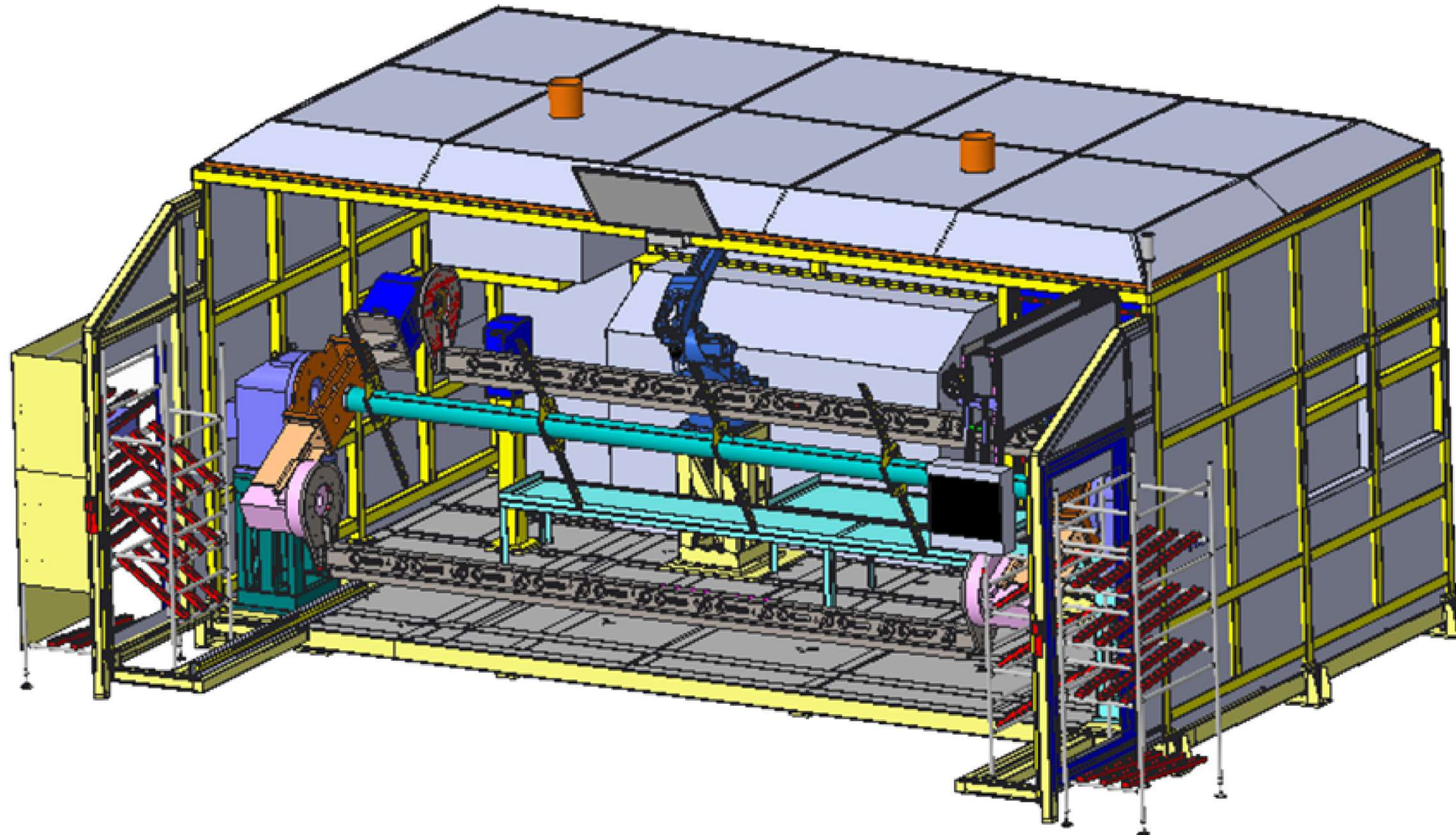


SILENCER

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- LEAK TESTING MACHINE
- CHECKING GAUGE
- SAVE PARAMETERS ON SERVER
- WELDING LEAK TESTING AND CHECKING THE COMPONENT AS PER CUSTOMER DRAWING
- POKE YOKE CHECKING
- PLC & ROBOTICS INTEGRATION WORK
- INSTALLATION AND PROVE OUT

H-Vendor Robot Cell

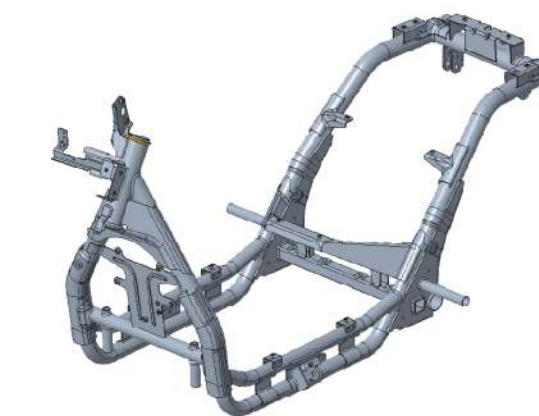
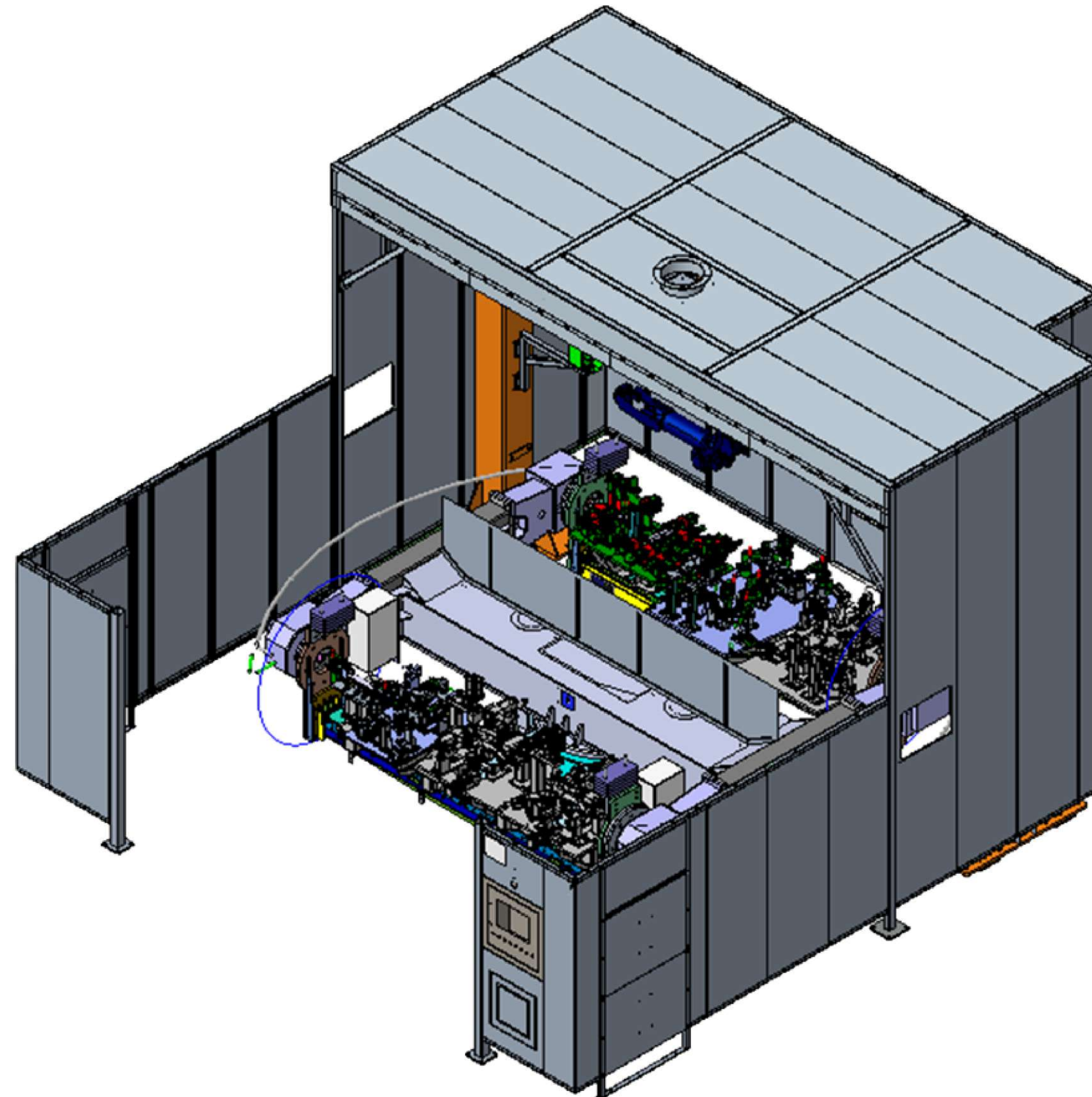


INSTRUMENT PANEL REINFORMENT TUBE

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURING WELDING LINE/MACHINE
- CHECKING GAUGE
- POKE YOKE CHECKING
- WELDING THE IPRT FRAME AS PER CUSTOMER SPECIFICATION
- PLC & ROBOTICS INTEGRATION WORK
- INSTALLATION AND PROVE OUT

H-TABLE ROBOT CELL

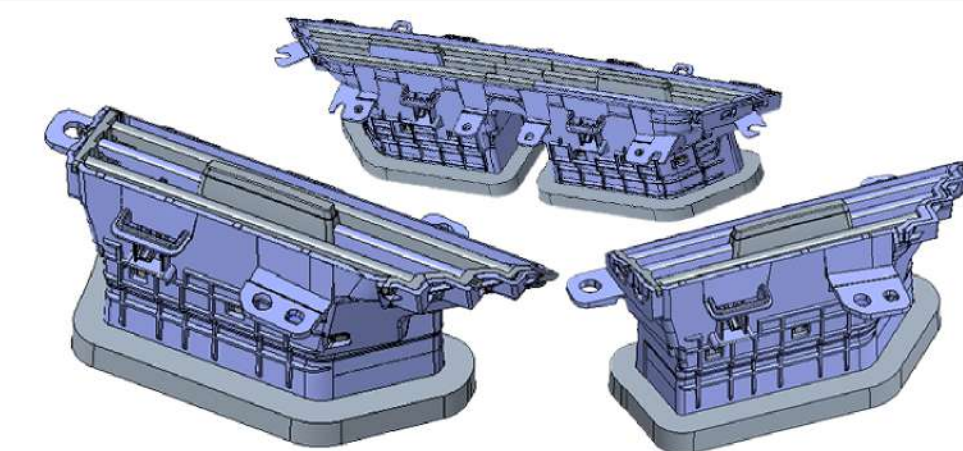
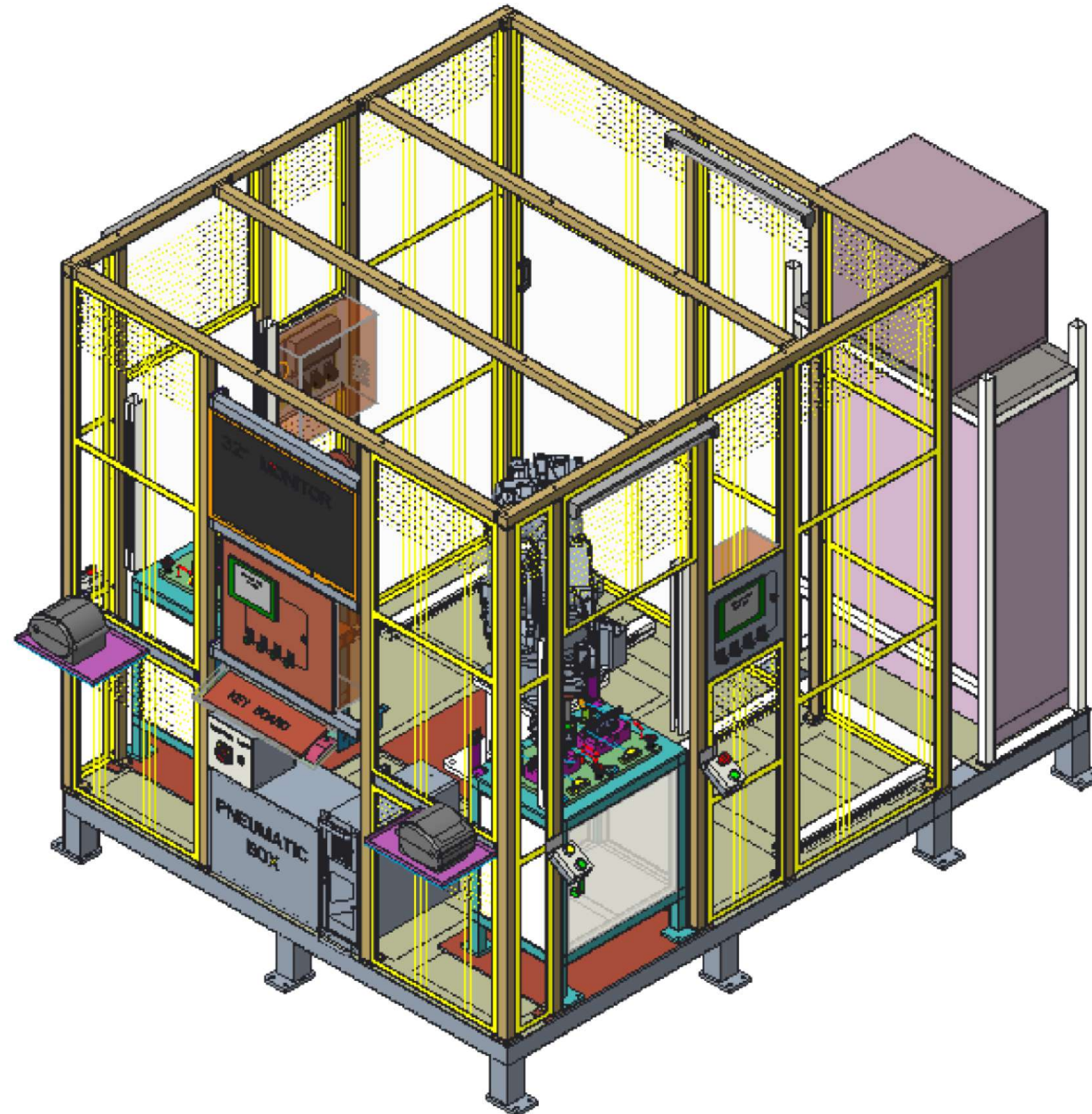


CHASSIS

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- POKE YOKE CHECKING
- WELDING THE THE FRAME AS PER CUSTOMER DRAWING
- PLC & ROBOTICS INTEGRATION
- INSTALLATION AND PROVE OUT

ETM Robot Cell

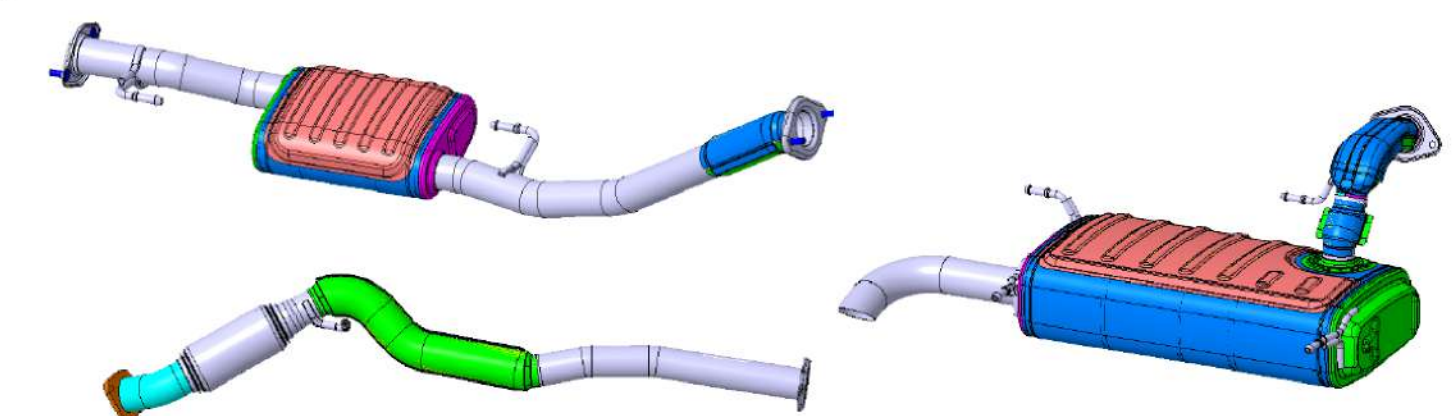
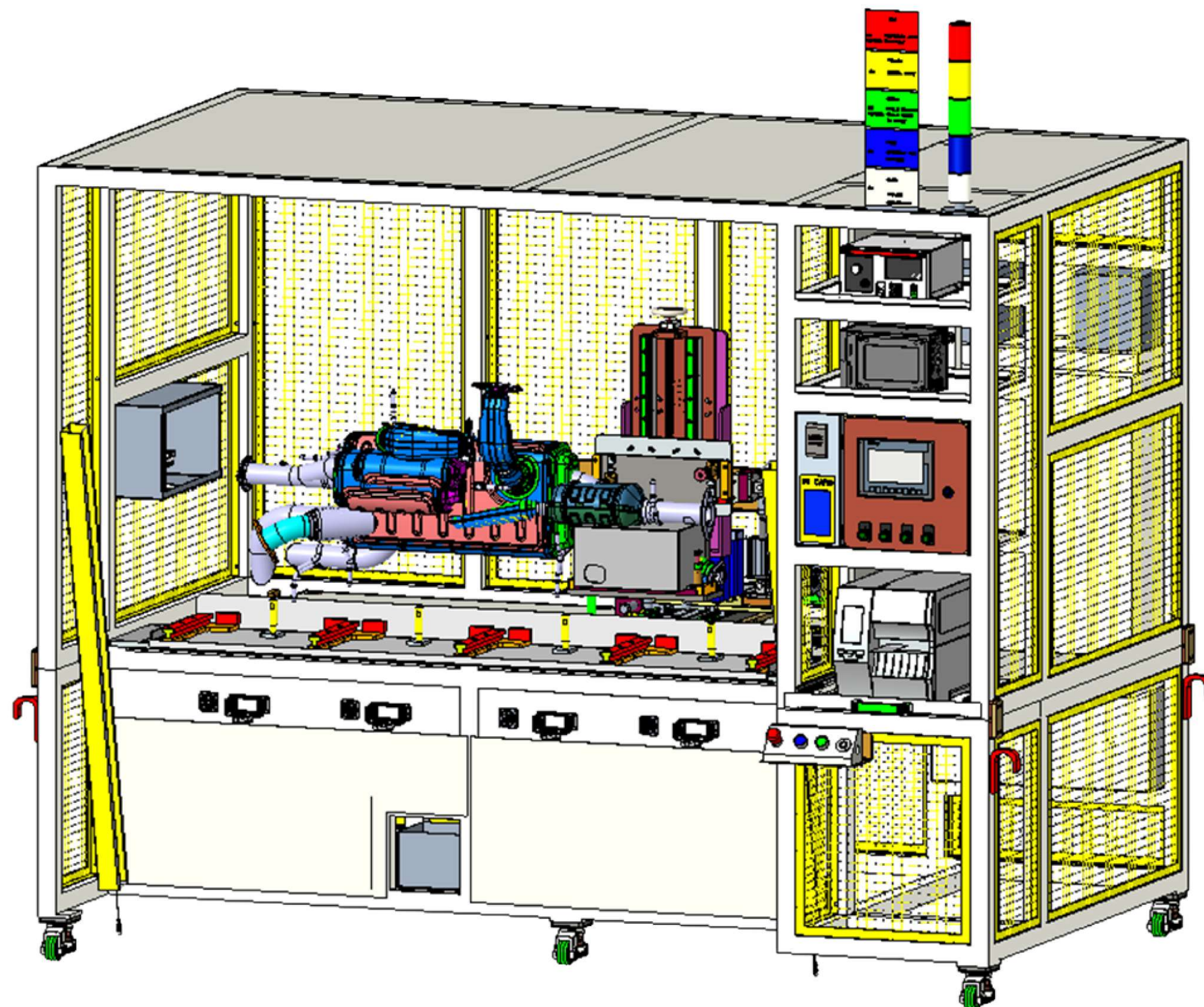


AIR VENT

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE
- SAVE PARAMETERS ON SERVER
- PLC & ROBOTICS INTEGRATION WORK
- CHECKING THE LOAD AND PLOT THE REAL-TIME GRAPH. SAVE DATA ON SERVER
- INSTALLATION AND PROVE OUT
- POKE YOKE CHECKING

LEAKAGE AND MARKING STATION

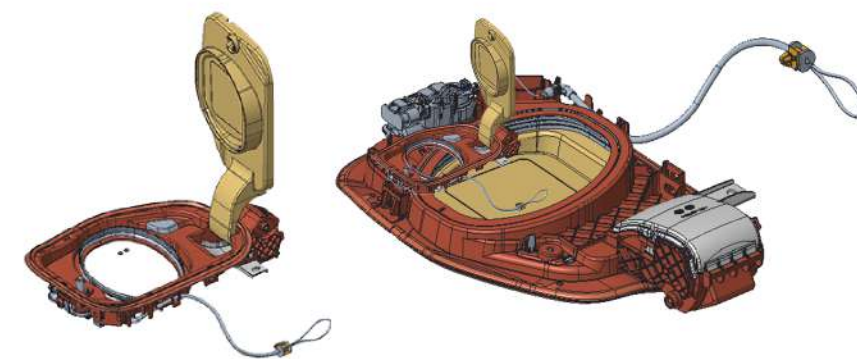
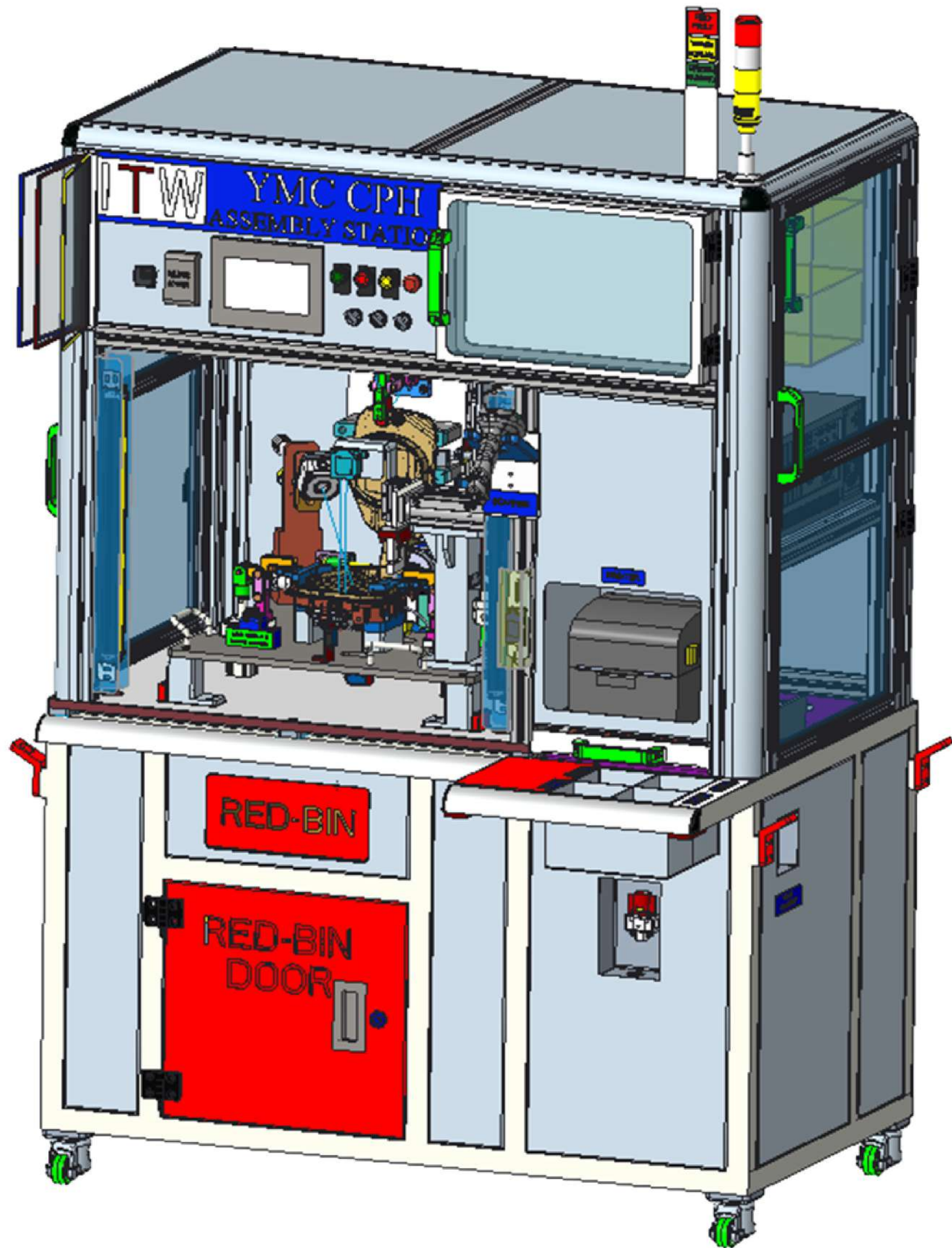


SILENCER,MUFFLER

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- LEAK TESTING MACHINE
- CHECKING GAUGE
- SAVE PARAMETERS ON SERVER
- LEAK TESTING AND SCRIBER MARKING ON THE COMPONENT AS PER CUSTOMER DESIGN
- POKE YOKE CHECKING
- PLC & ROBOTICS INTEGRATION WORK

CPH ASSEMBLY STATION

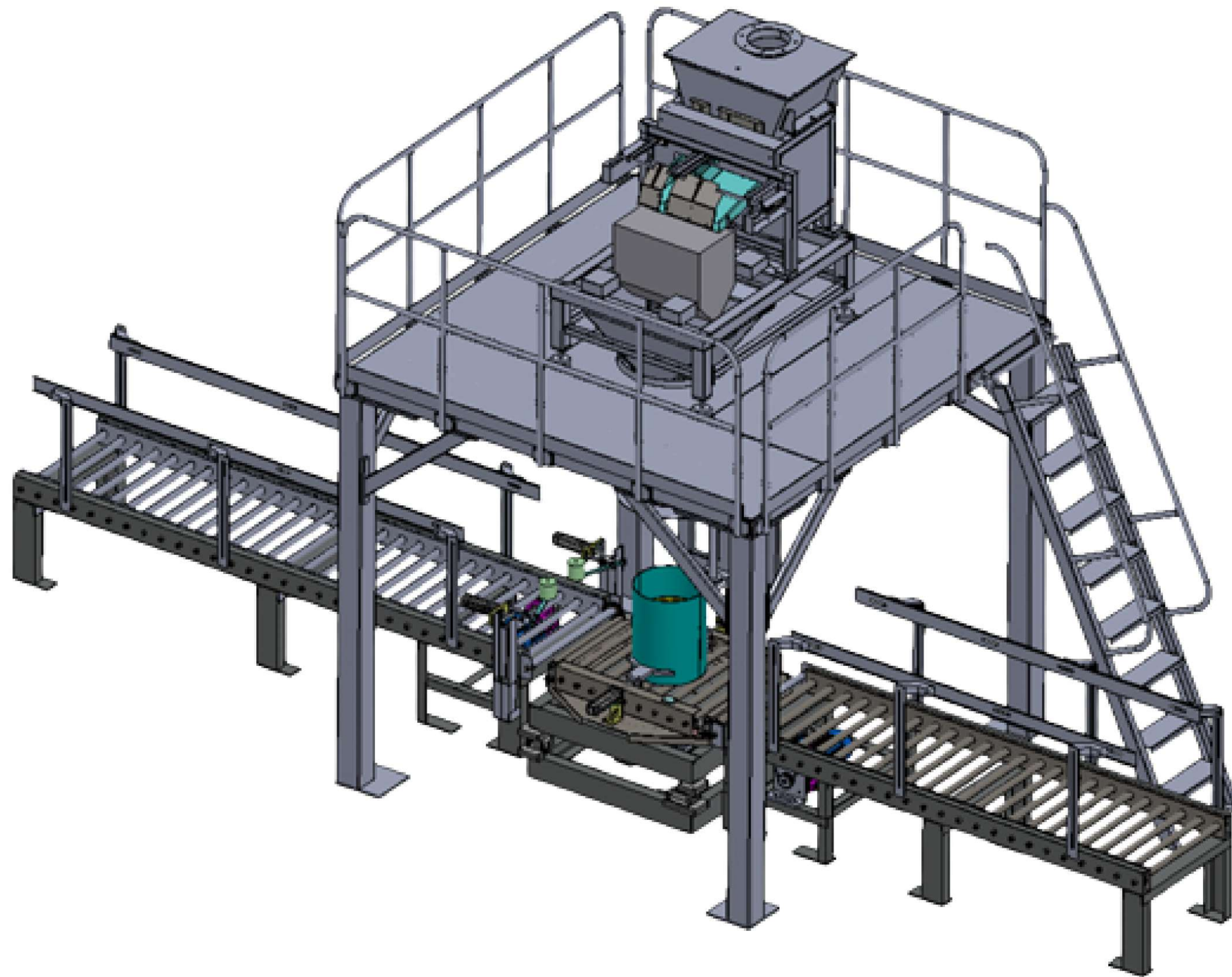


CHARGE PORT HOUSING

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE
- POKE YOKE CHECKING
- INSTALLATION AND PROVE OUT
- ICGARGE PORT ASSEMBLY TESTING BY MANUAL AND ELECTRICALLY
- PLC INTEGRATION WORK

FEEDING SYSTEM WITH POWERISED ROLLER CONVEYOR

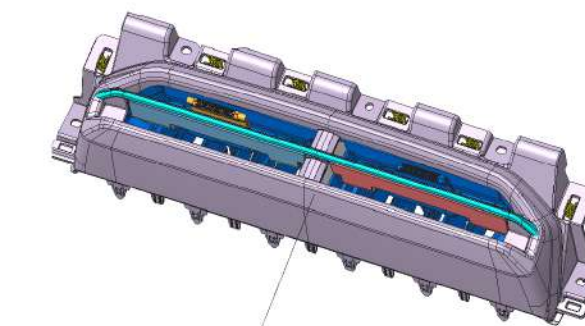
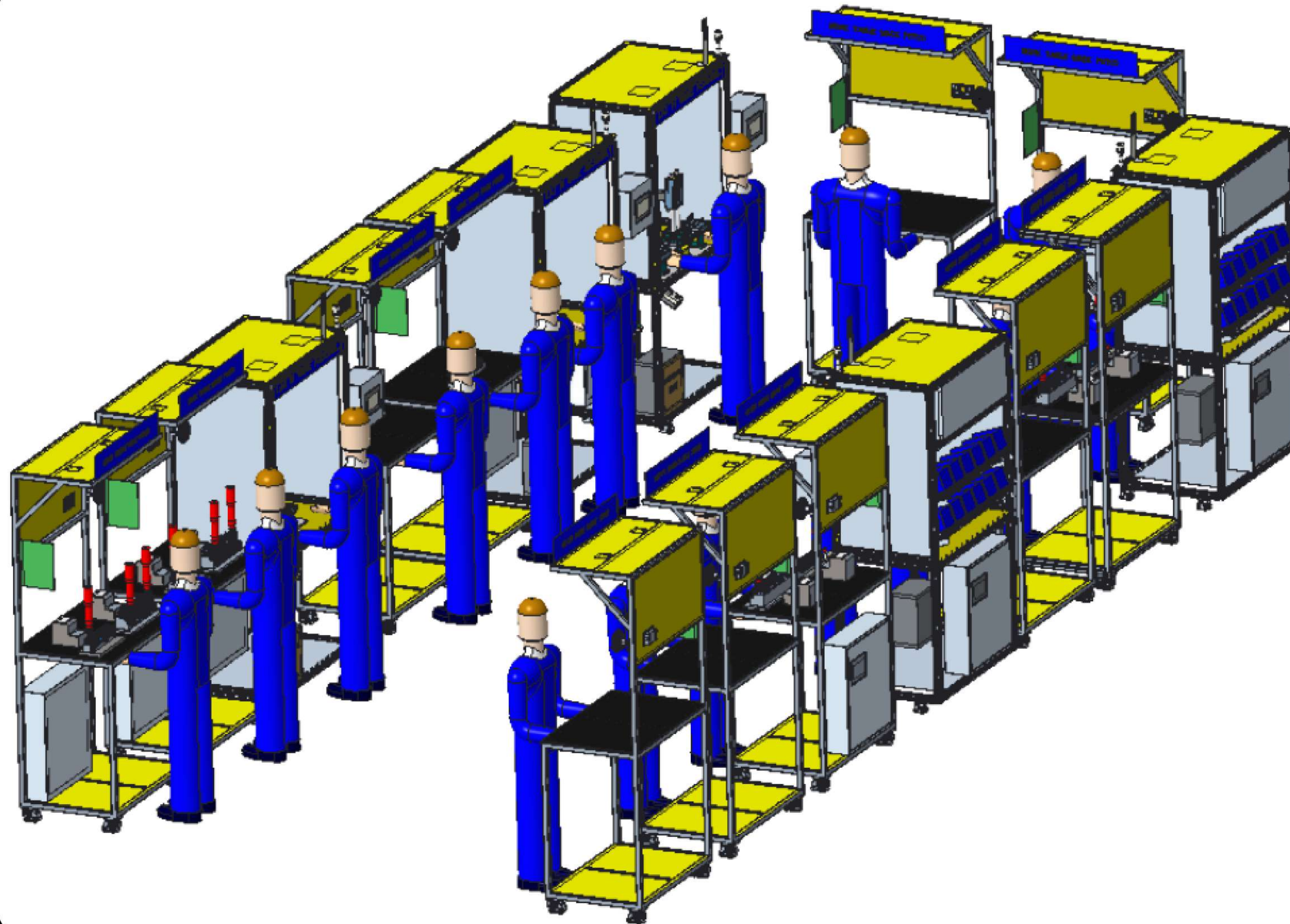


INDUSTRY WE SERVE

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- LEAK TESTING MACHINE
- CHECKING GAUGE
- FEEDING THE COMPONENT AND ROLLING CONVEYOR
- POKE YOKE CHECKING
- PLC INTEGRATION WORK
- INSTALLATION AND PROVE OUT

AIR VENT ASSEMBLY LINE

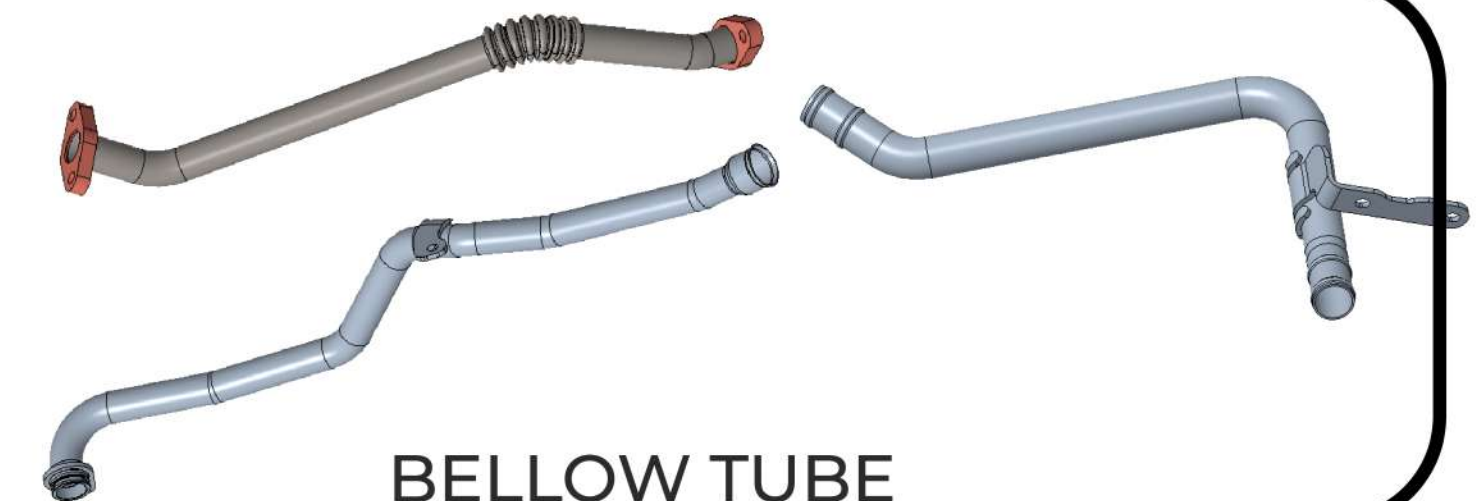
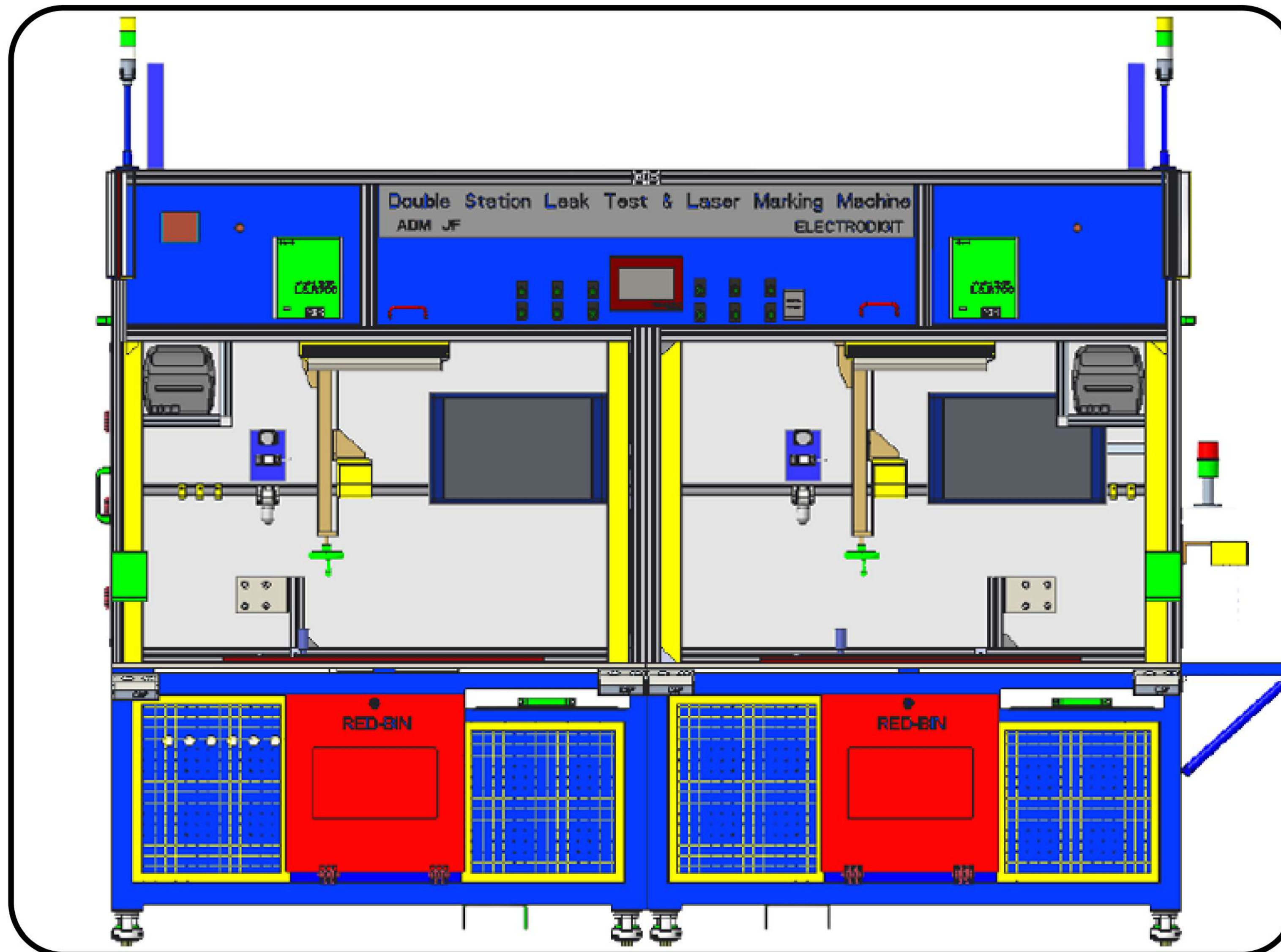


AIR VENT

SCOPE OF WORK & LINE DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE
- SAVE PARAMETERS ON SERVER
- POKE YOKE CHECKING
- AIR VENT/AC ASSEMBLY OF DRIVER, PASSENGER & CENTER SIDE
- PLC INTEGRATION WORK
- INSTALLATION AND PROVE OUT

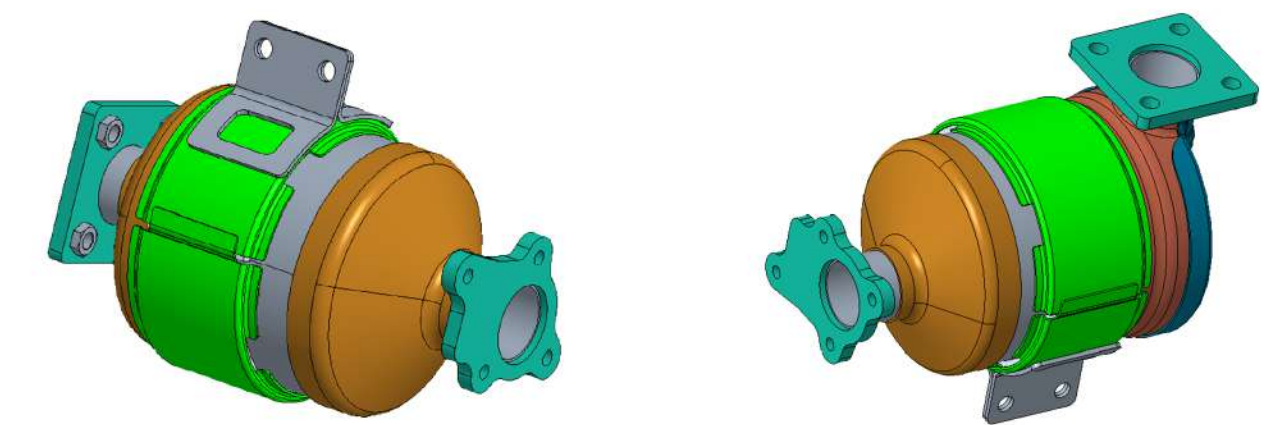
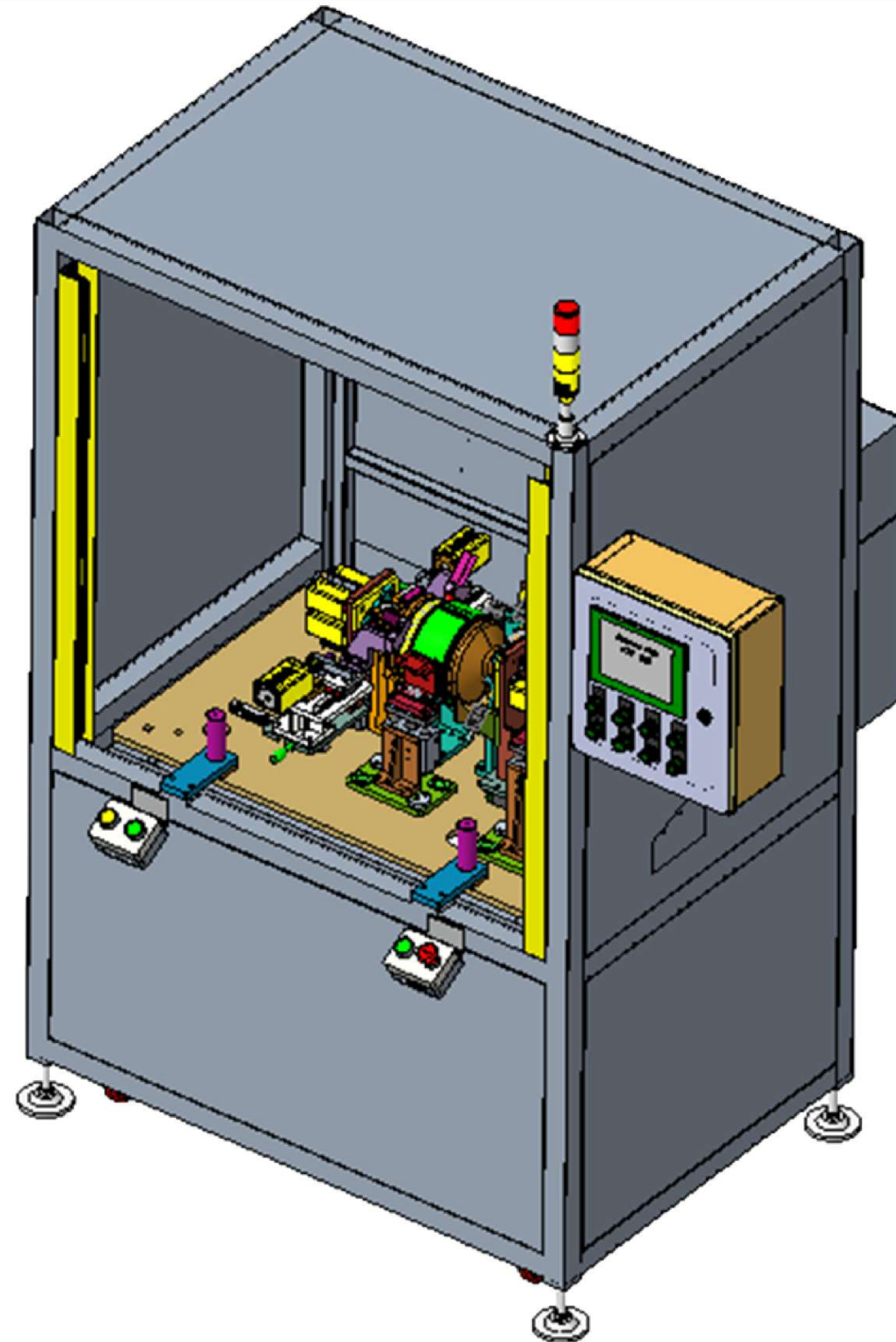
LEAK TESTING AND LASER MARKING STATION



SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE
- LEAK TESTING MACHINE
- SAVE PARAMETERS ON SERVER
- CHECKING THE LEAKAGE AND MARKING THE COMPONENT
- POKE YOKE CHECKING
- PLC INTEGRATION WORK
- INSTALLATION AND PROVE OUT

AUTOGAUGE STATION

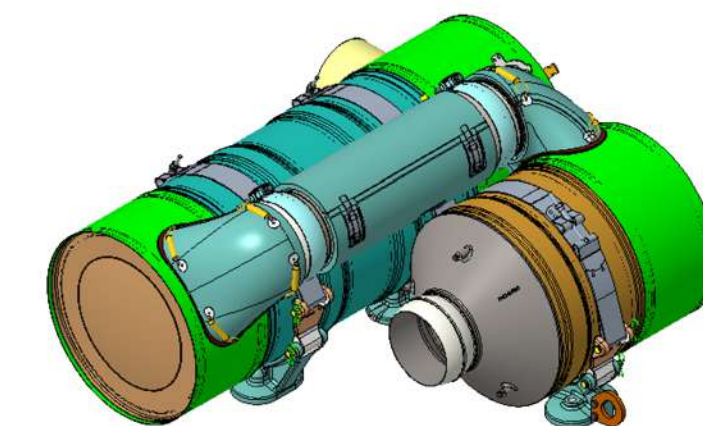
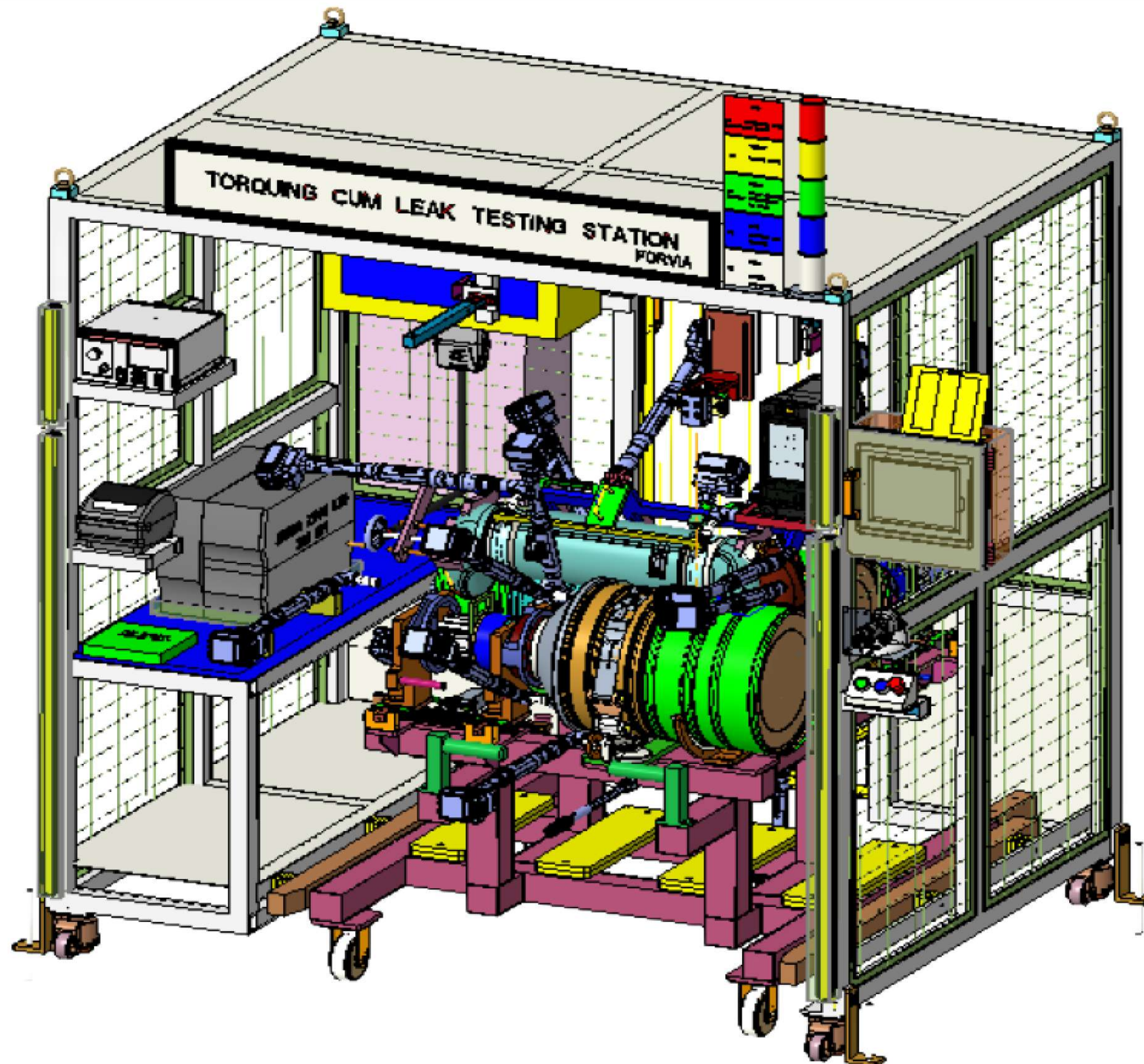


HOT END SILENCER

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- LEAK TESTING MACHINE
- CHECKING GAUGE
- SAVE PARAMETERS ON SERVER
- THIS MACHINE CHECK THE VARIABLE AND ATTRIBUTE PARAMETER
- POKE YOKE CHECKING
- PLC & ROBOTICS INTEGRATION WORK
- INSTALLATION AND PROVE OUT

TORQUING - LEAK TESTING STATION

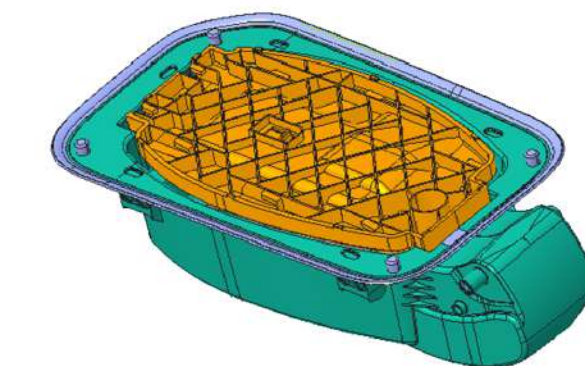
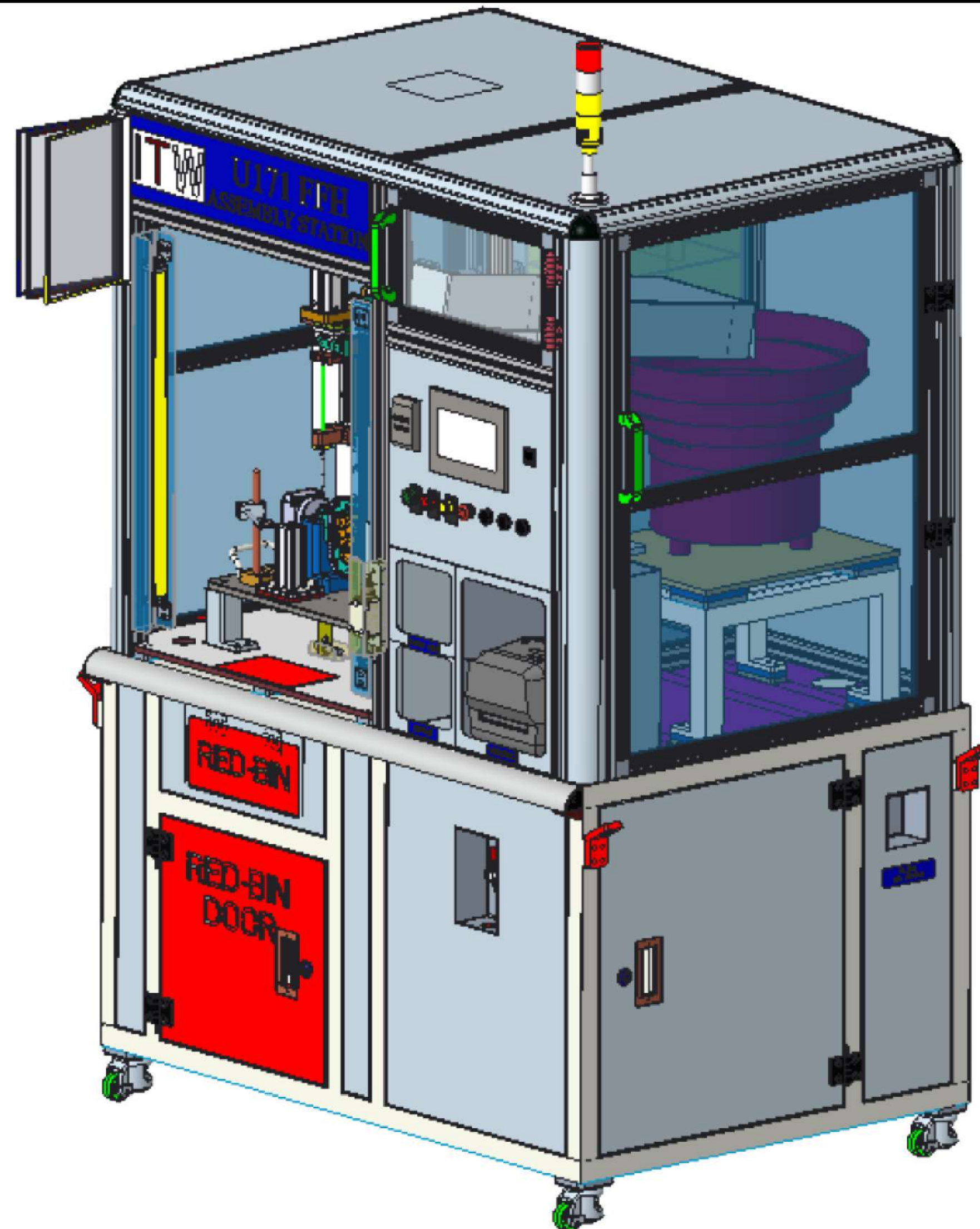


EXHAUST SYSTEM

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURING WELDING LINE/MACHINE
- SAVE PARAMETERS ON SERVER
- POKE YOKE CHECKING
- ASSEMBLE THE PART WITH TORQUING GUN AND SAVE THE TORQUE DATA ON SERVER
- PLC INTEGRATION WORK
- INSTALLATION AND PROVE OUT

FFH ASSEMBLY STATION

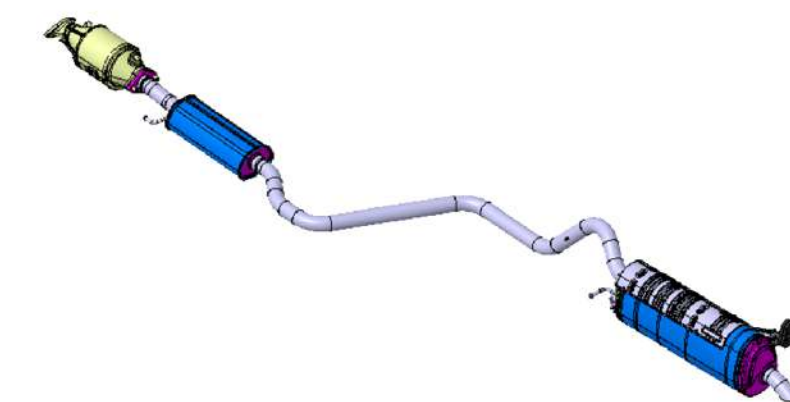
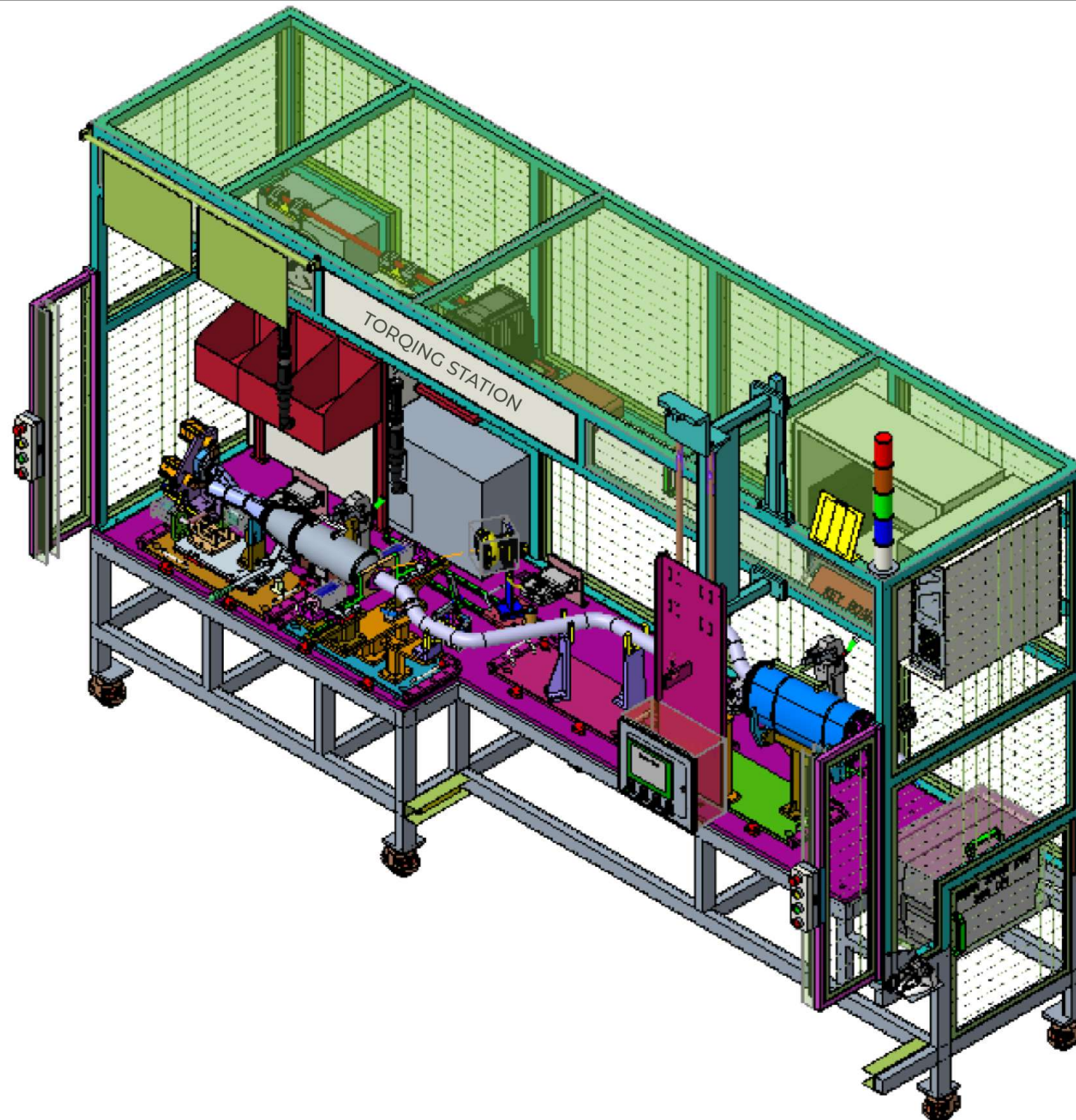


FUEL FILLING HOPPER

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTUR
- POKE YOE CHECKING
- INSTALLATION AND PROVE OUT
- FUEL FILLING SYSTEM ASSEMBLY AND POKE- YOE CHECKING
- PLC INTEGRATION WORK

TORQUING STATION

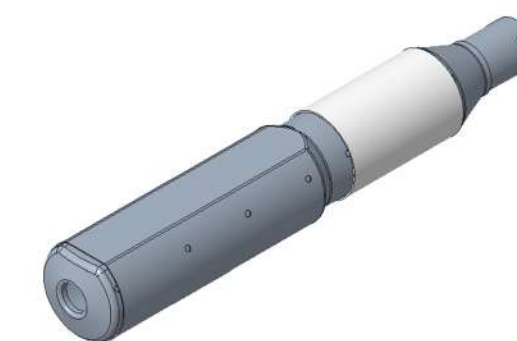
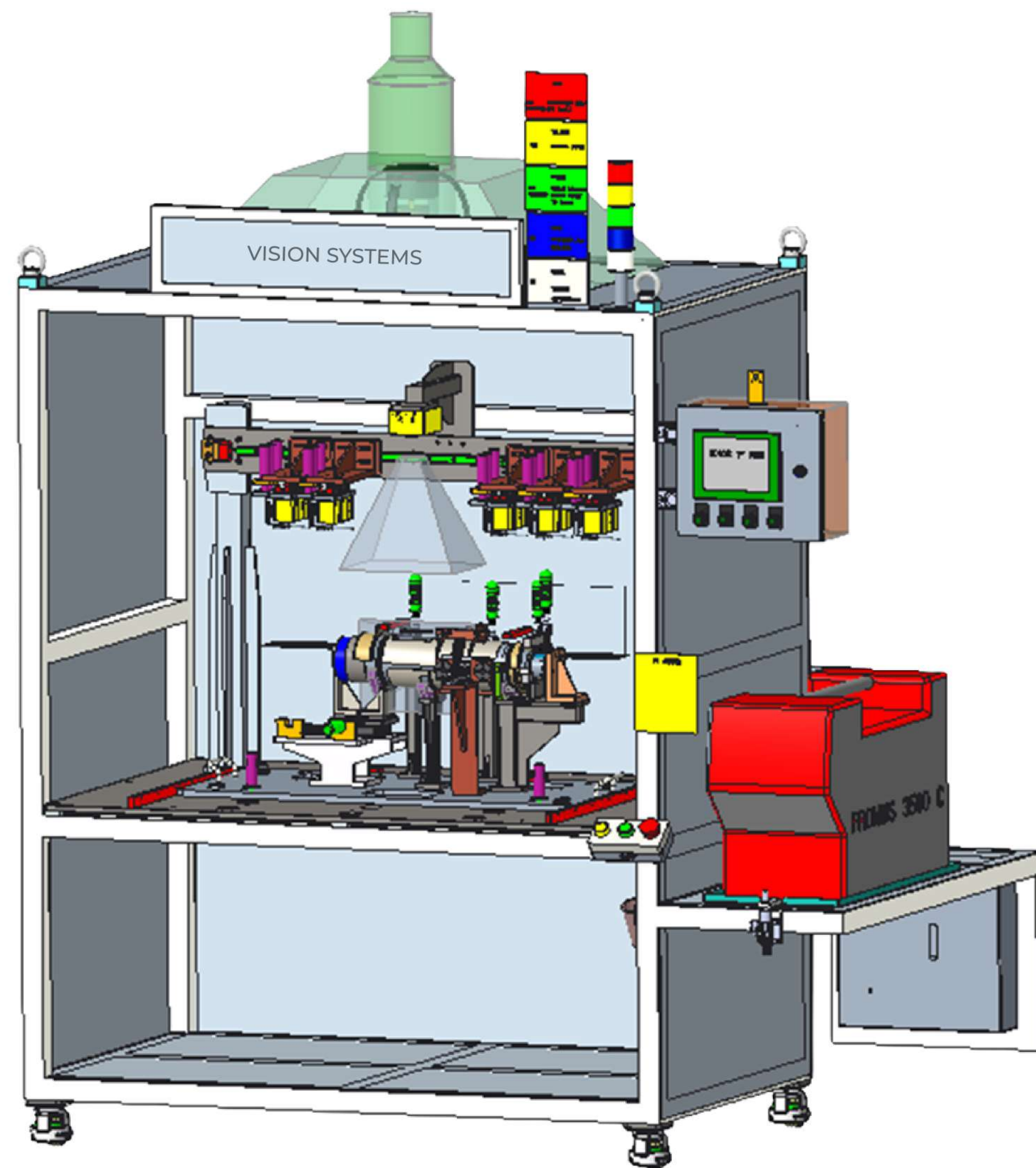


COLD END SILENCER

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE
- LEAK TESTING MACHINE
- CHECKING GAUGE
- SAVE PARAMETERS ON SERVER
- TORQUING AND LEAK TESTING OF PART
- POKE YOKE CHECKING
- PLC & ROBOTICS INTEGRATION WORK
- INSTALLATION AND PROVE OUT

VISION SYSTEM APPLICATION

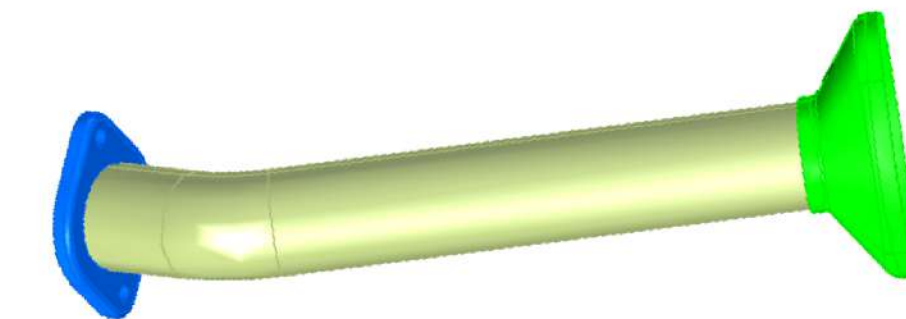
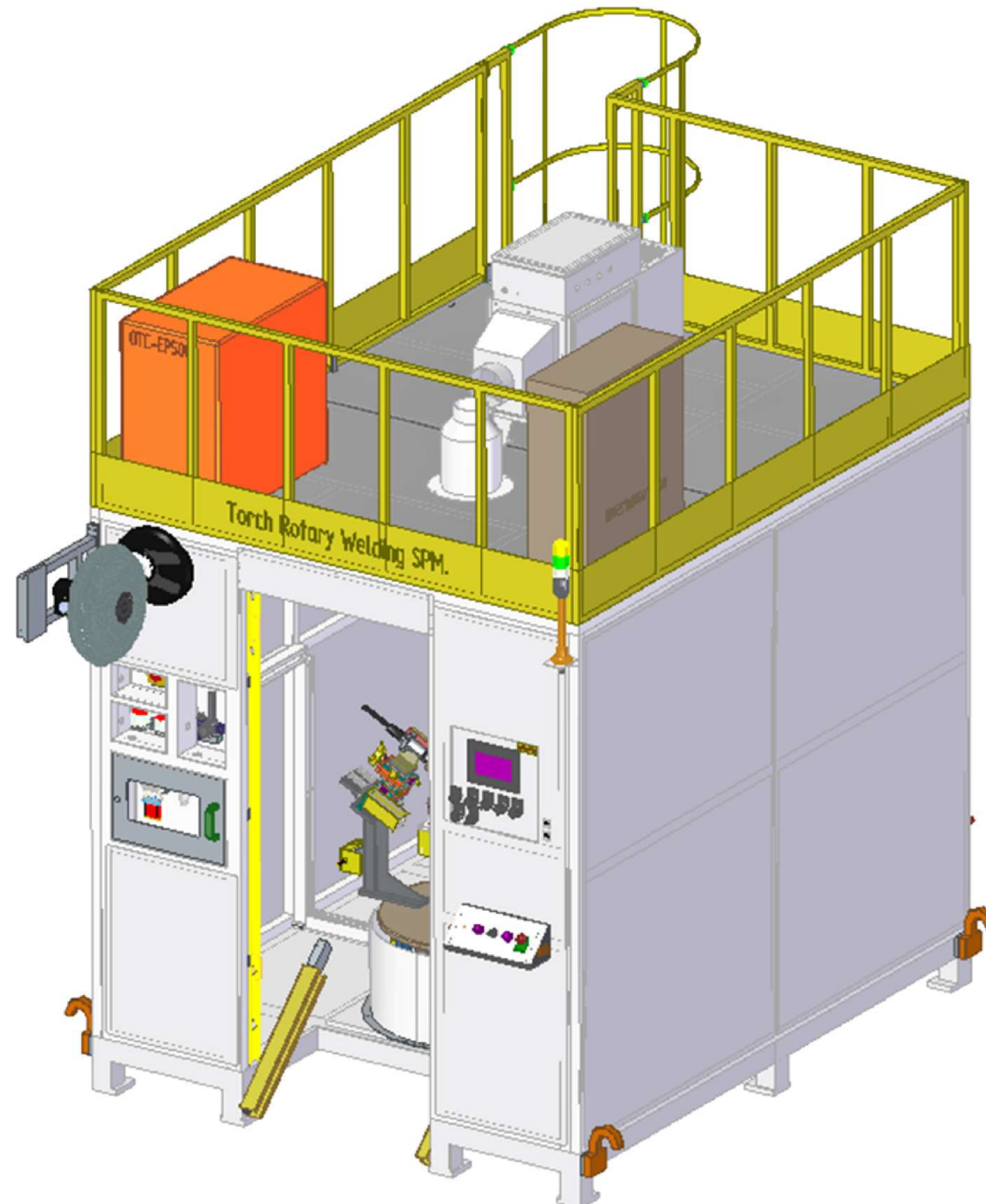


SILENCER

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- POKE YOKE CHECKING
- INSTALLATION AND PROVE OUT
- CHECKING THE PART AND PLOT THE REAL-TIME GRAPH. SAVE DATA ON SERVER
- PLC & ROBOTICS INTEGRATION WORK

TORCH ROTARY MACHINE

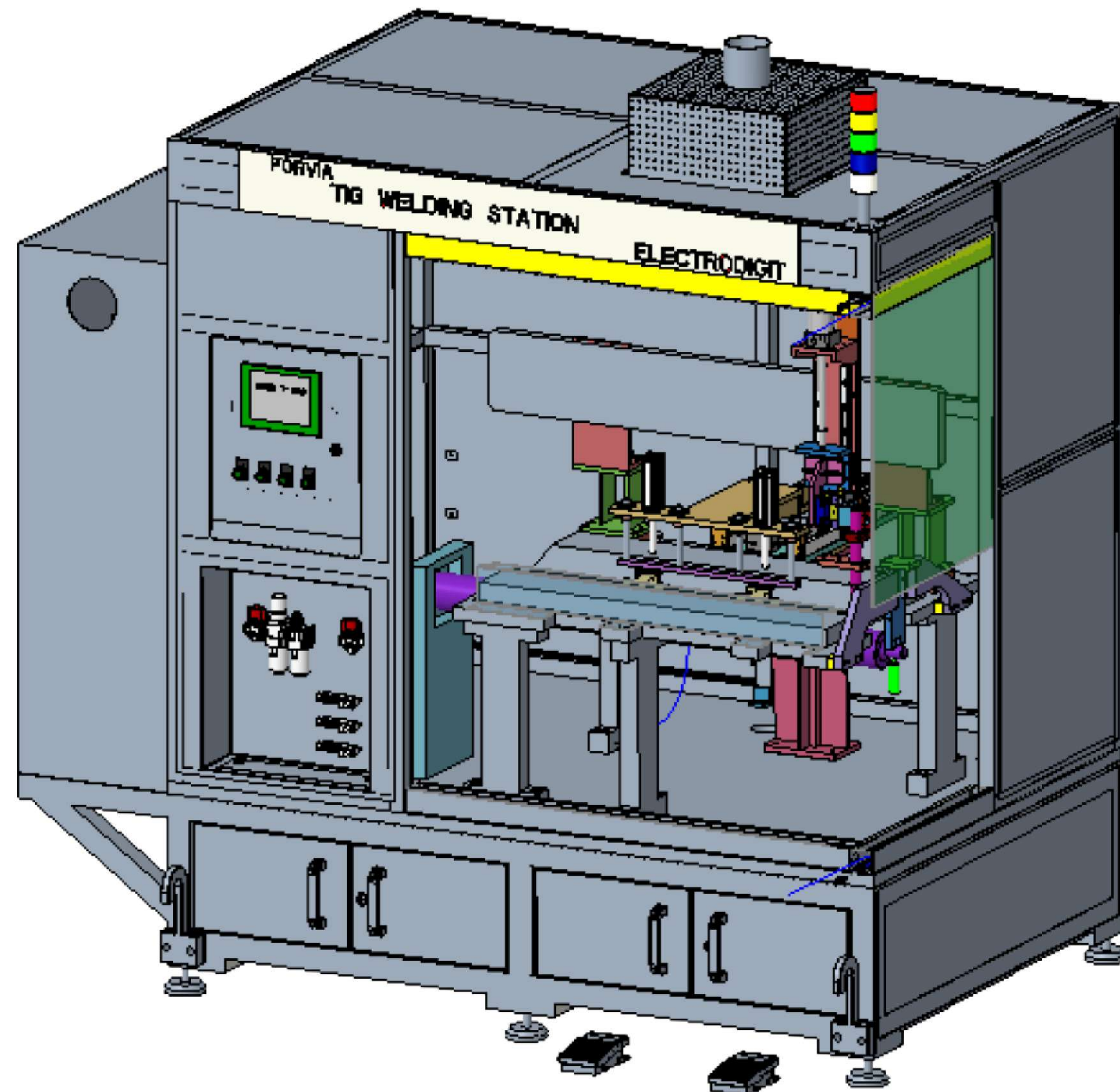


SILENCER

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- POKE YOKE CHECKING
- WELDING THE PART IN THE MACHINE AS PER CUSTOMER DRAWING
- PLC & ROBOTICS INTEGRATION WORK
- INSTALLATION AND PROVE OUT

TIG WELDING STATION

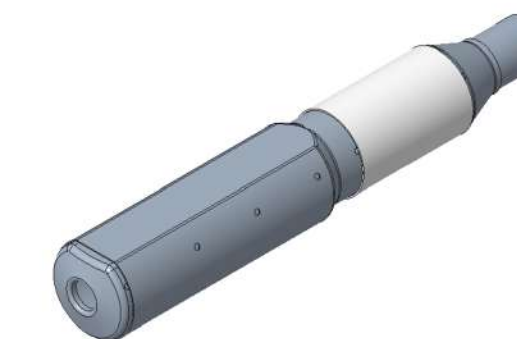
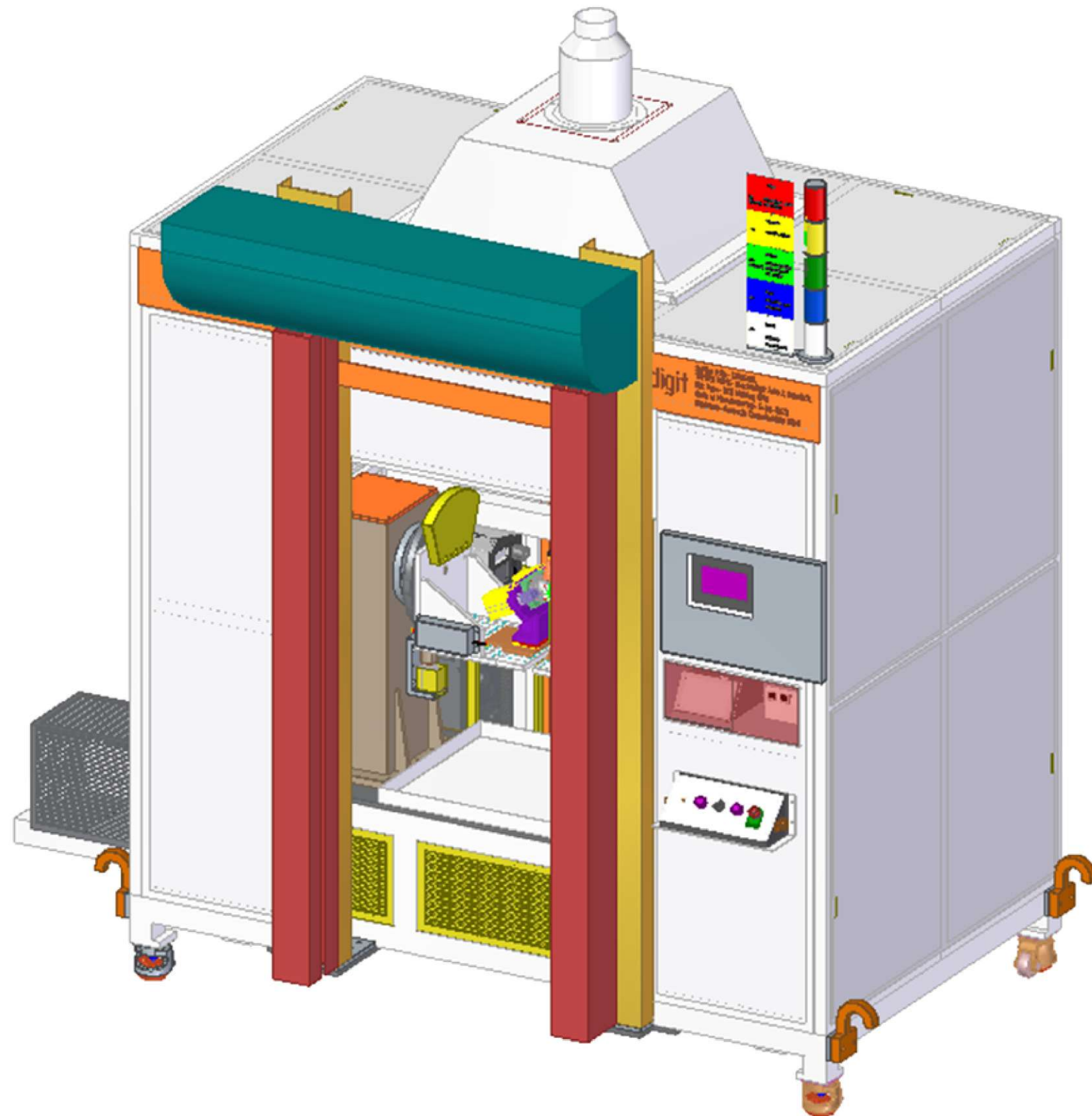


CELL

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- INSTALLATION AND PROVE OUT
- WELDING THE PART IN THE STATION AS PER CUSTOMER DRAWING
- POKE YOKE CHECKING
- PLC INTEGRATION WORK

DOUBLE END DRIVE STATION

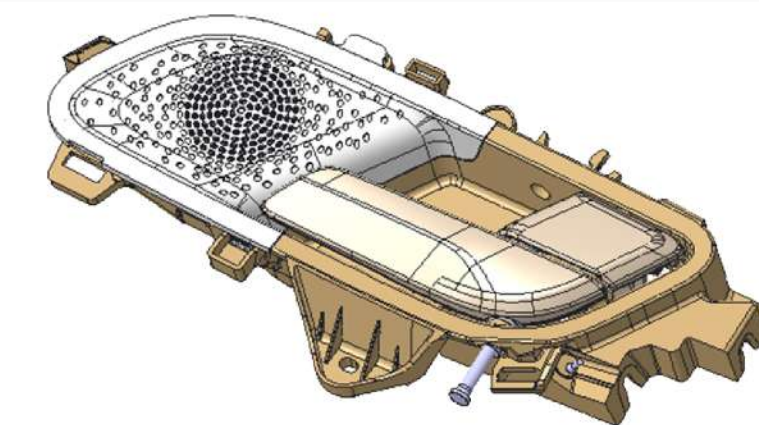
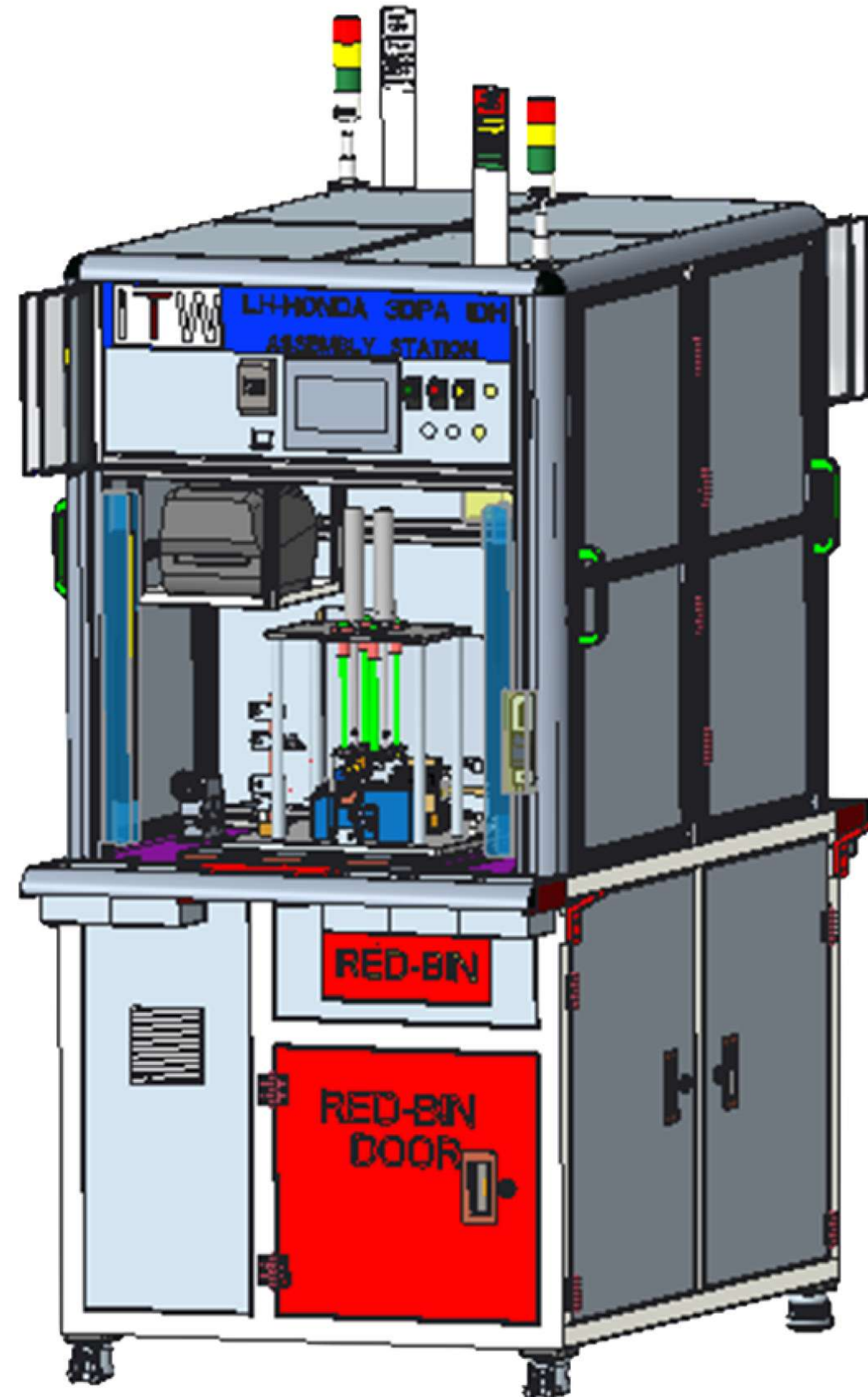


SILENCER

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- LEAK TESTING MACHINE
- CHECKING GAUGE
- WELDING THE COMPONENT AS PER CUSTOMER PARAMETERS
- POKE YOKE CHECKING
- PLC INTEGRATION WORK
- INSTALLATION AND PROVE OUT

IDH ASSEMBLY STATION

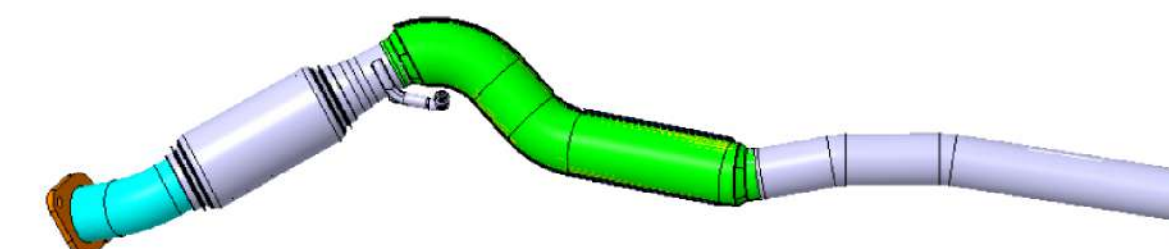
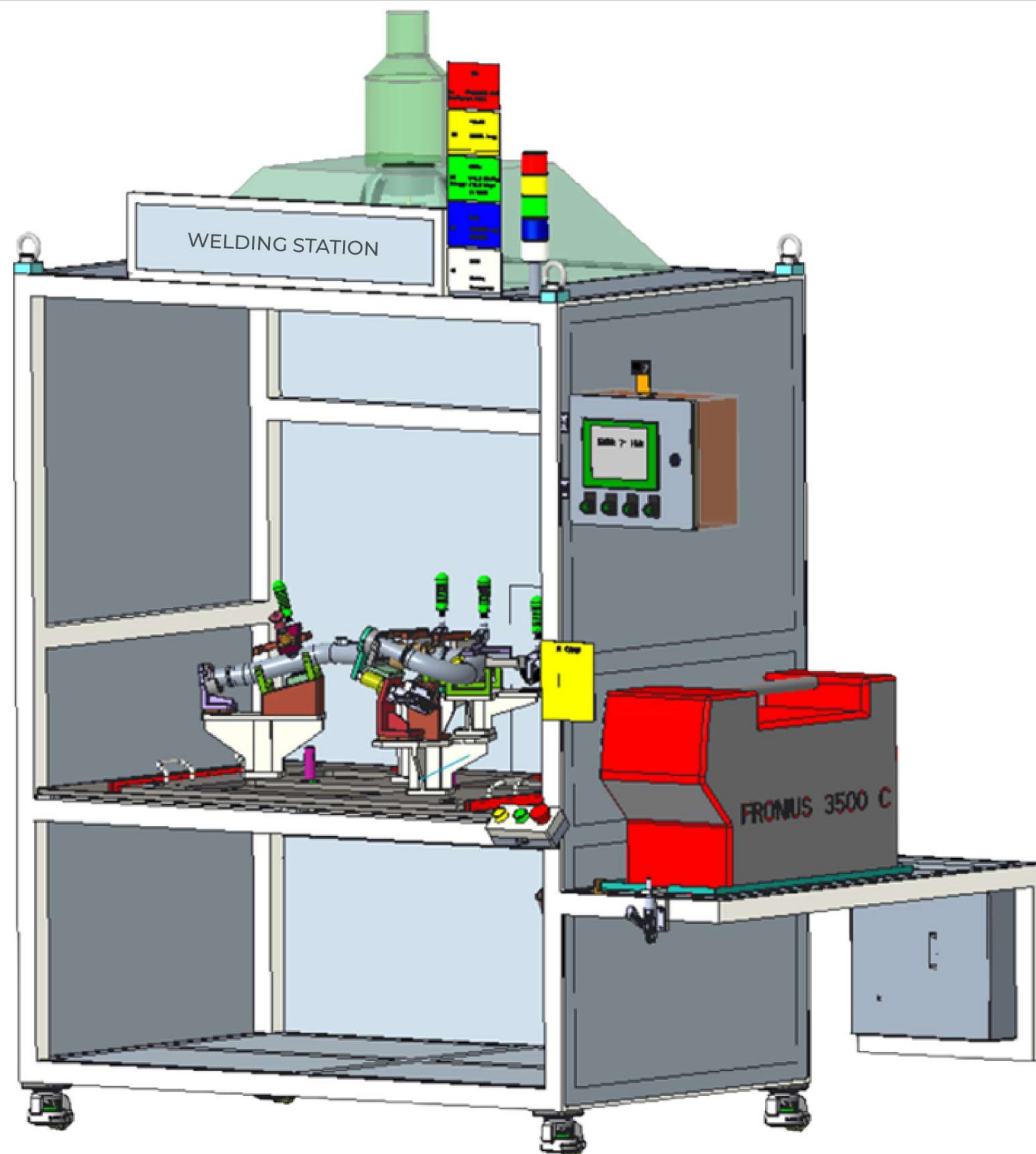


INNER DOOR HANDLE

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE
- POKE YOKE CHECKING
- INSTALLATION AND PROVE OUT
- ASSEMBLE THE INNER DOOR ASSEMBLY AND TEST VIA LOAD CELL
- PLC INTEGRATION WORK

WELDING STATION

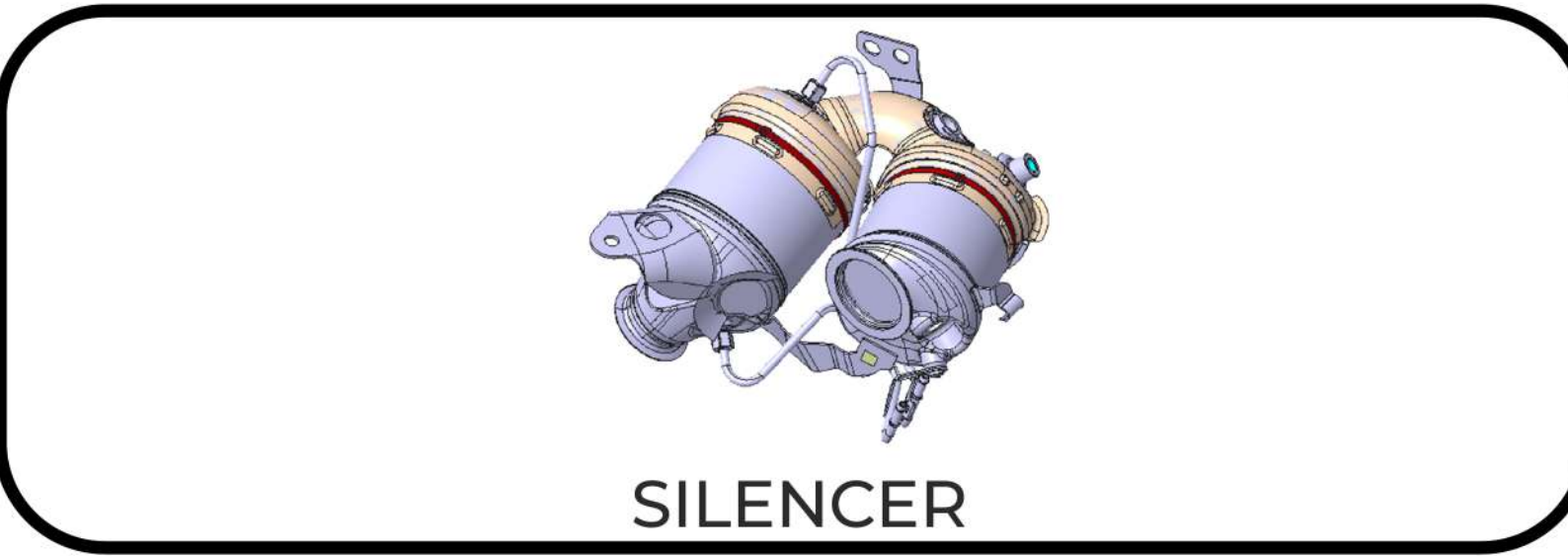
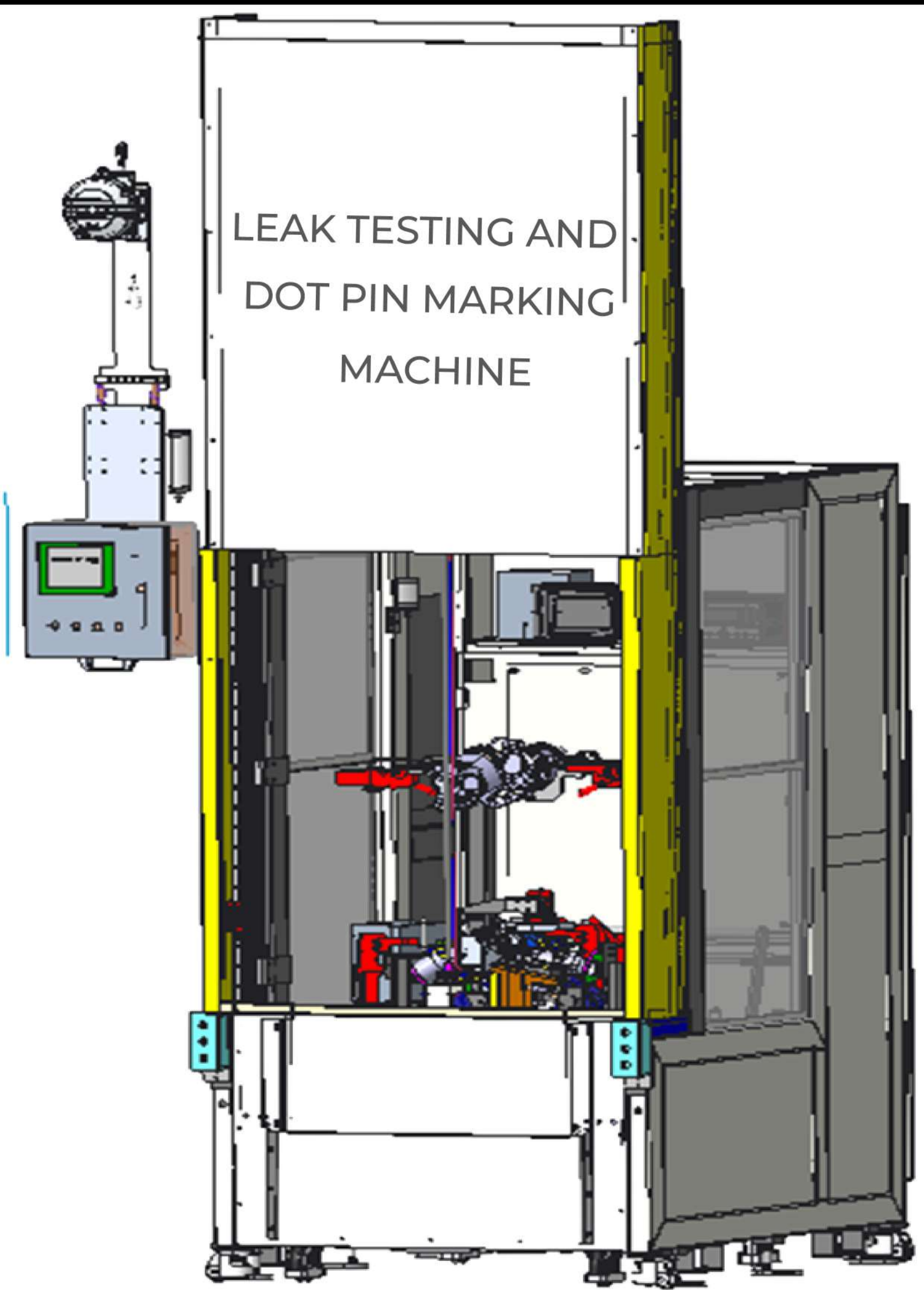


EXHAUST PIPE

SCOPE OF WORK & DETAILS

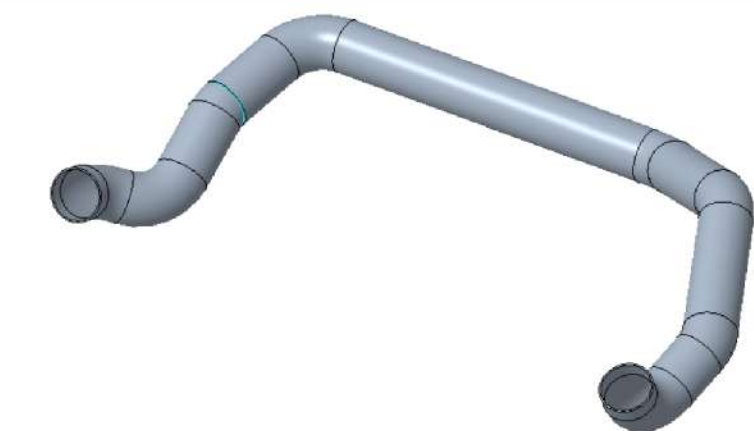
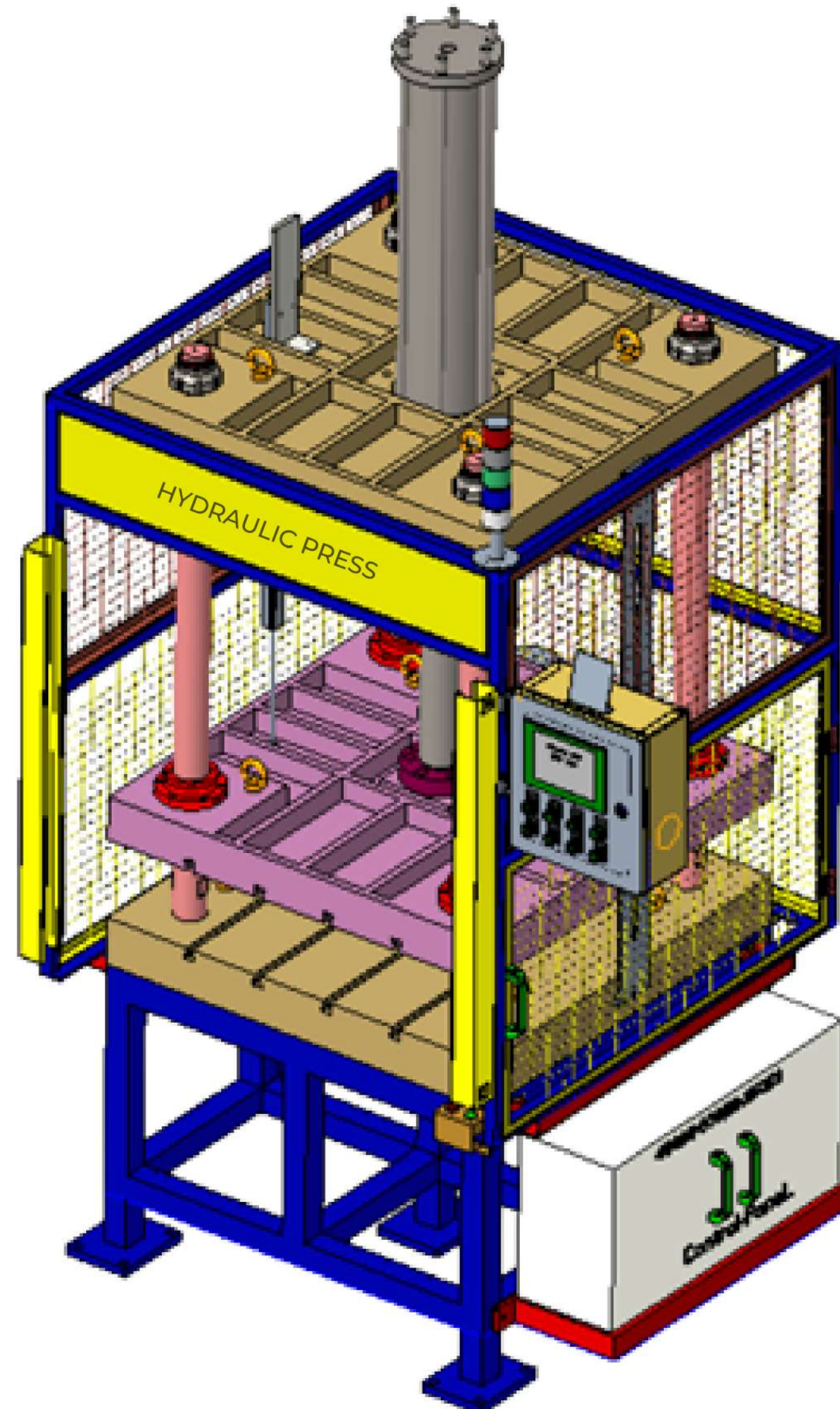
- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- INSTALLATION AND PROVE OUT
- WELDING THE THE PART AS PER CUSTOMER DRAWING
- POKE YOKE CHECKING
- PLC INTEGRATION WORK

LEAK TESTING AND DOT PIN MARKING MACHINE



- ### SCOPE OF WORK & DETAILS
- DEFINE PROCESS FLOW
 - DESIGN AND MANUFACTURE WELDING LINE/MACHINE
 - POKE YOKE CHECKING
 - WELDING THE COMPONENT AS PER DRAWING
 - PLC INTEGRATION WORK
 - INSTALLATION AND PROVE OUT

HYDRAULIC PRESS

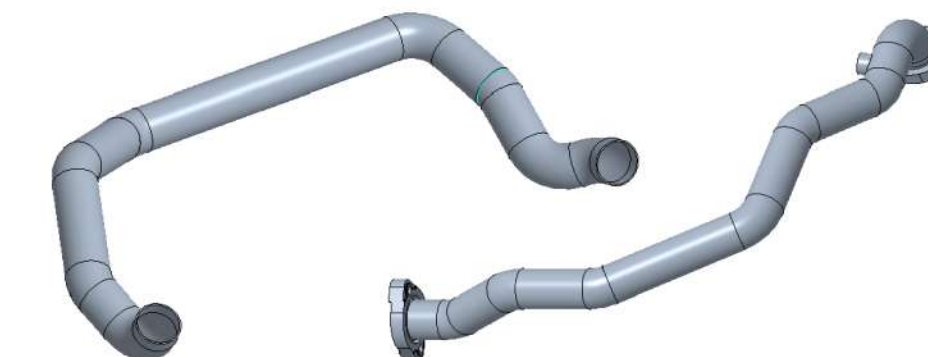
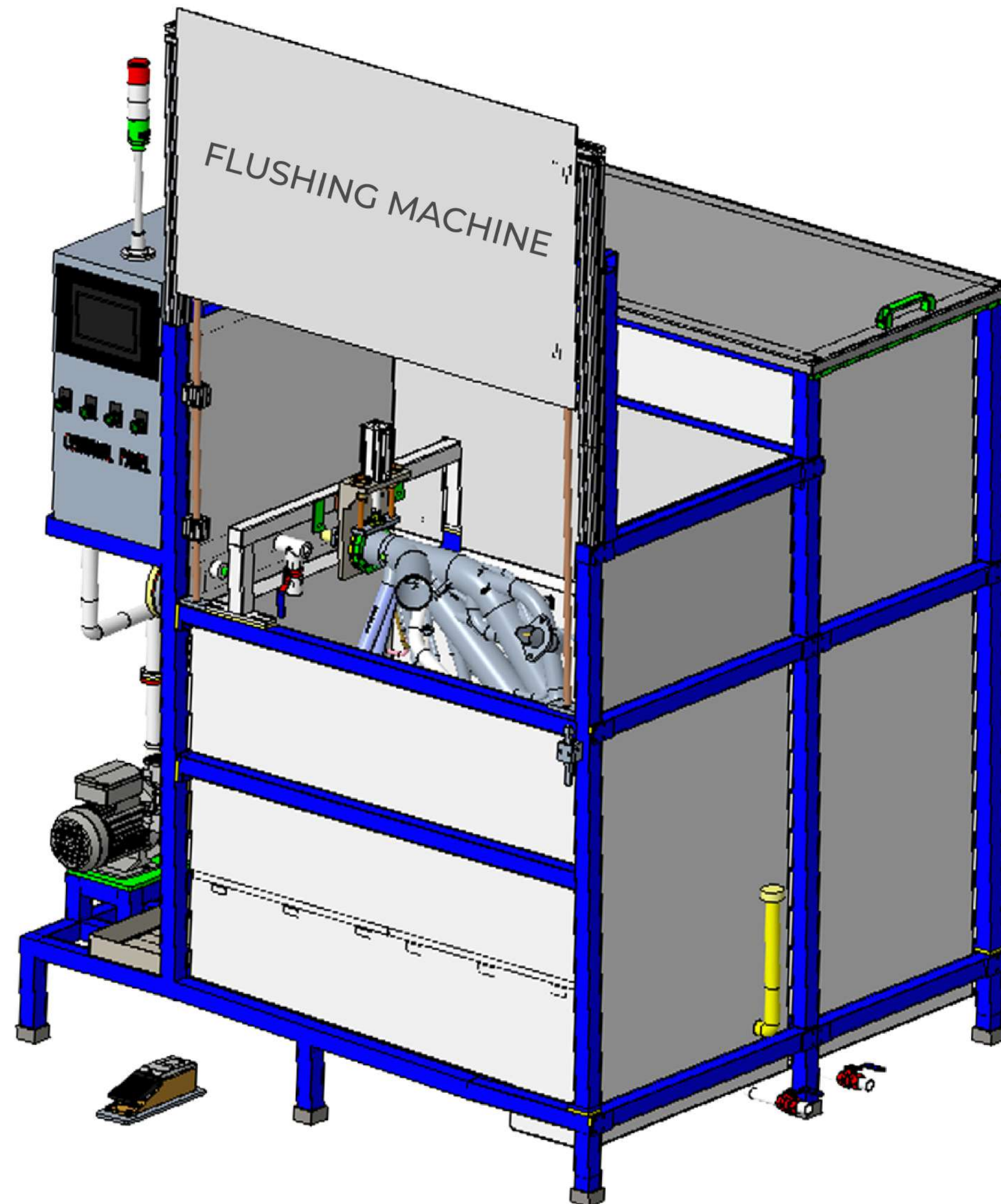


DAMPING PIPE

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- CHECKING GAUGE
- POKE YOKE CHECKING
- PRESSING THE COMPONENTS AND METAL FORMING
- PLC INTEGRATION WORK
- INSTALLATION AND PROVE OUT

FLUSHING MACHINE

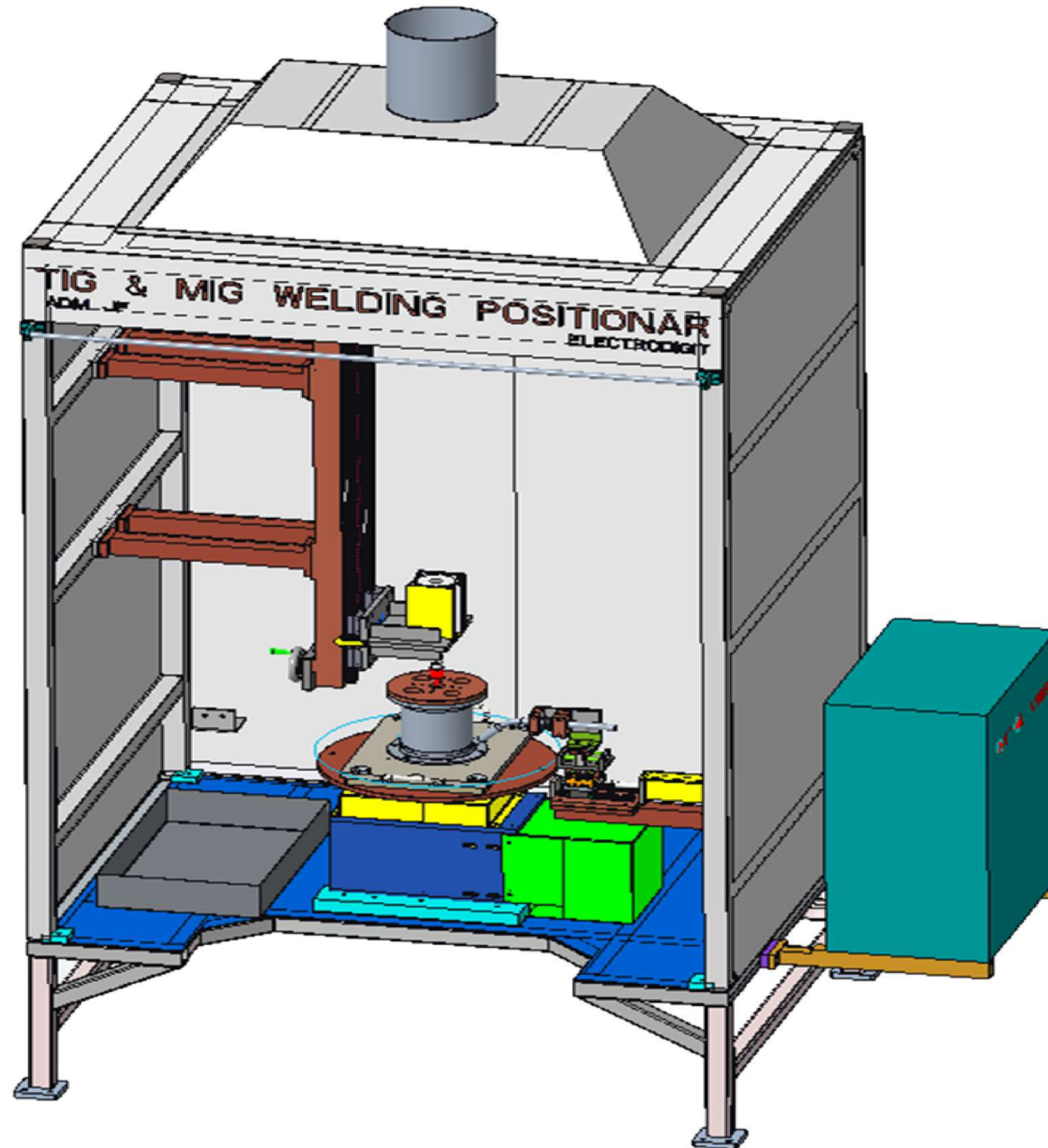


BELLOW PIPE

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE
- LEAK TESTING MACHINE
- CHECKING GAUGES
- POKE YOKE CHECKING
- WASH INNER AND OUTER SIDE OF THE COMPONENT
- PLC & ROBOTICS INTEGRATION WORK
- INSTALLATION AND PROVE OUT

WELDING POSITIONER

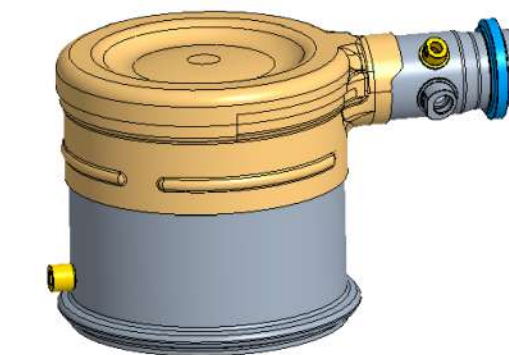
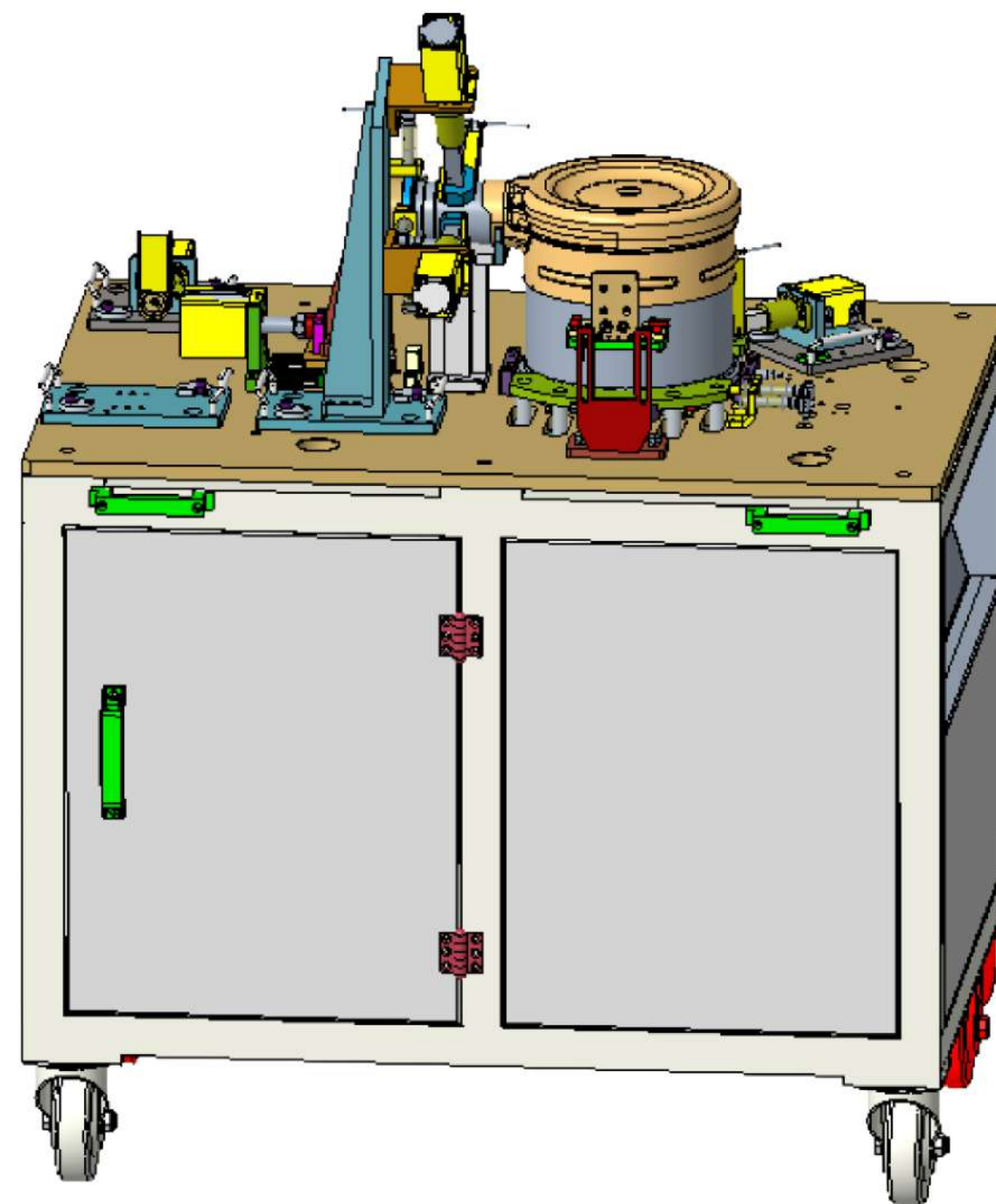


FLANGE PIPE

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- POKE YOKE CHECKING
- WELDING THE THE PART AS PER CUSTOMER DRAWING
- PLC INTEGRATION WORK
- INSTALLATION AND PROVE OUT

VARIABLE GAUGES

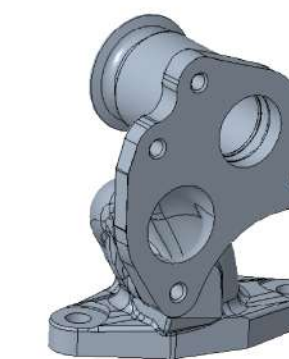
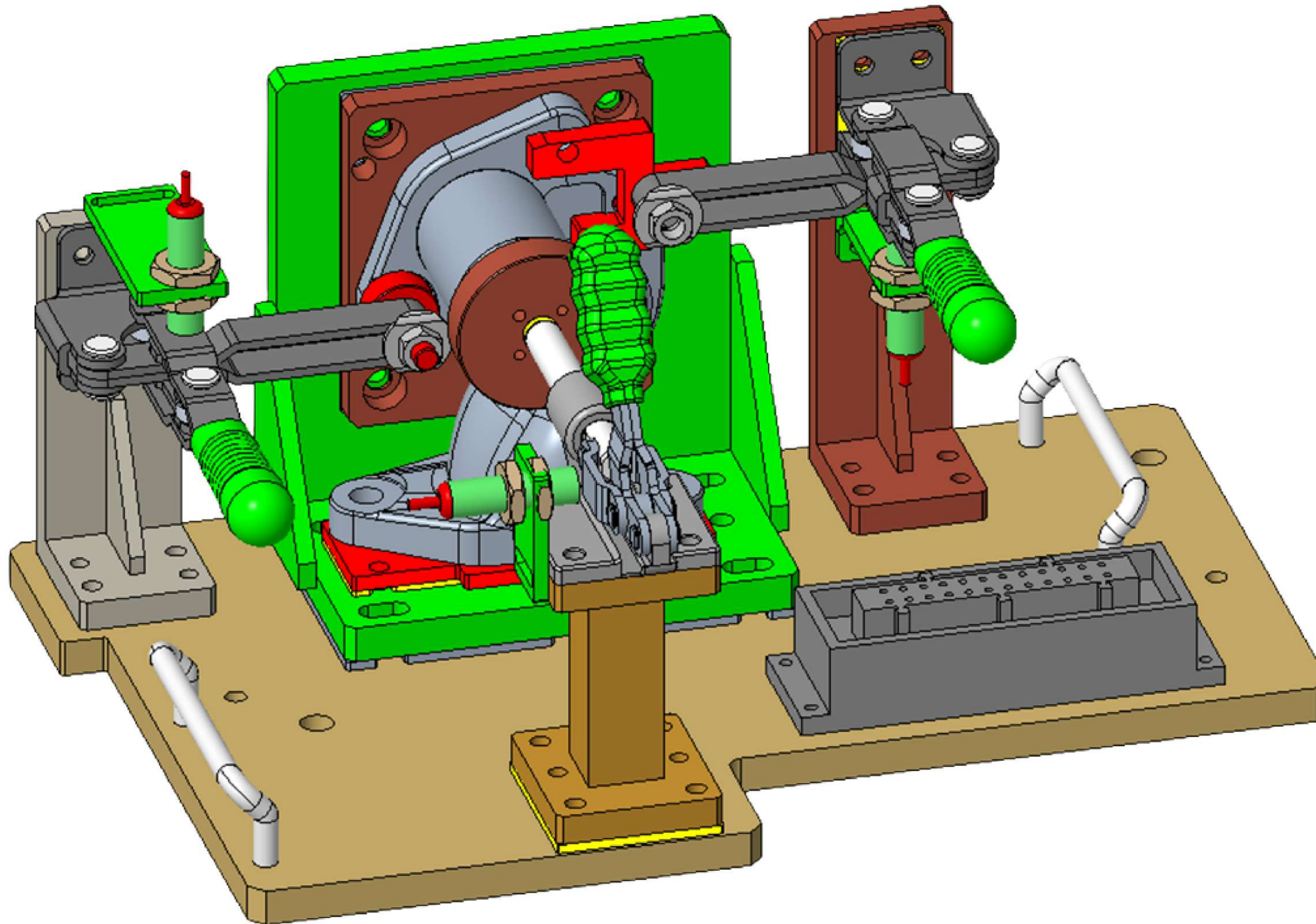


DIESEL OXIDATION CATALYST

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- SAVE PARAMETERS ON SERVER
- PLC & ROBOTICS INTEGRATION WORK
- THIS MACHINE CHECK THE VARIABLE AND ATTRIBUTE PARAMETER
- INSTALLATION AND PROVE OUT
- POKE YOKE CHECKING
- LEAK TESTING MACHINE
- CHECKING GAUGE

FLARING & SHRINKING TOOLING

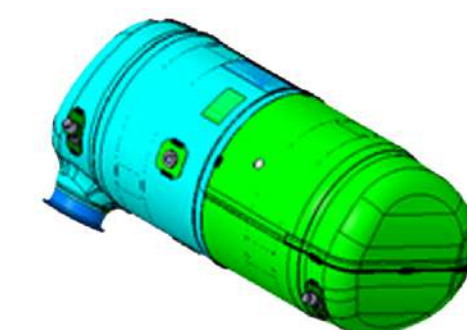
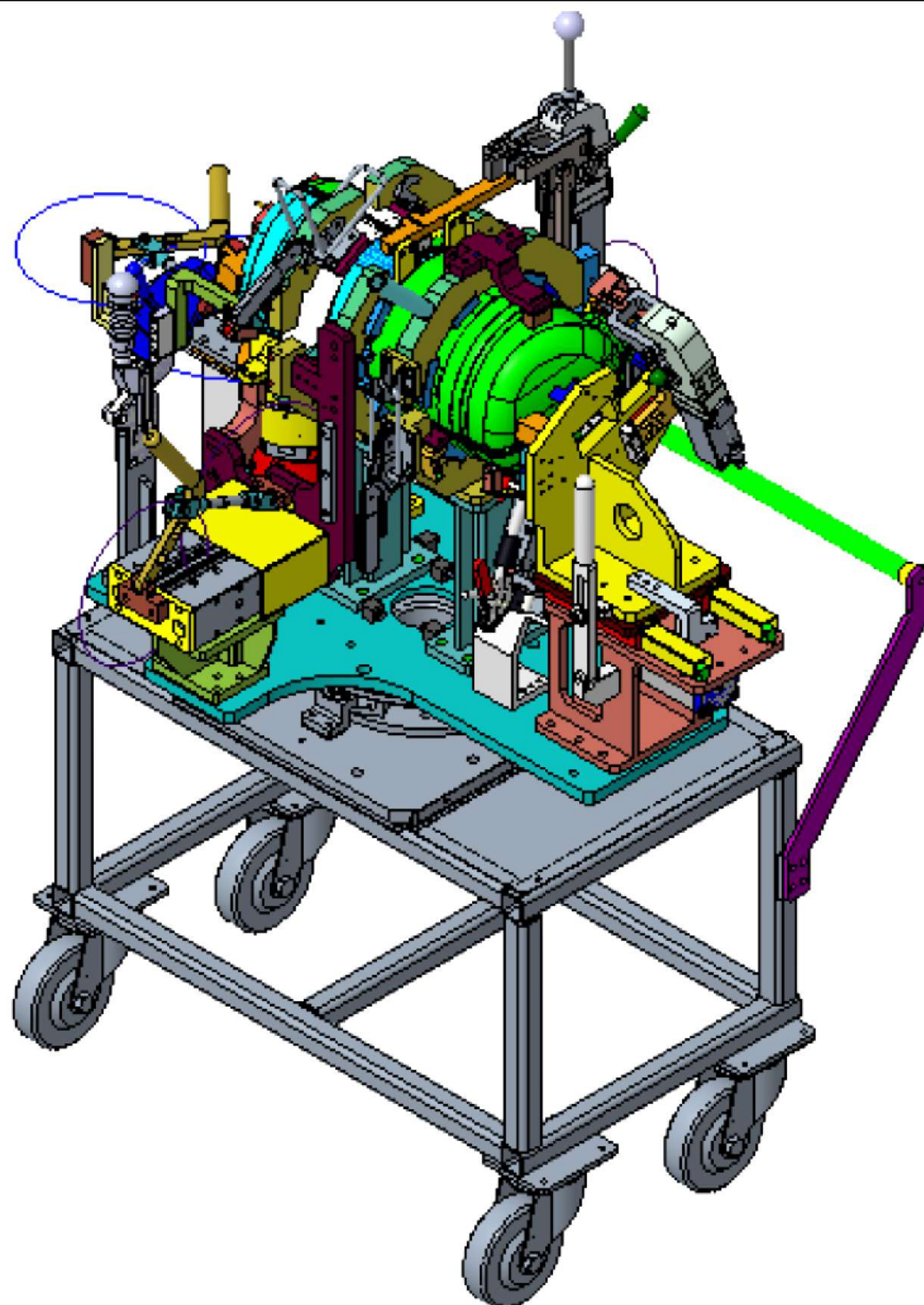


BELLOW

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE
- CHECKING GAUGE
- POKE YOKE CHECKING
- BELLOW TUBE INSERT IN CASTING JOB AND ASSEMBLED
- PLC INTEGRATION WORK
- INSTALLATION AND PROVE OUT

TACK WELDING FIXTURE

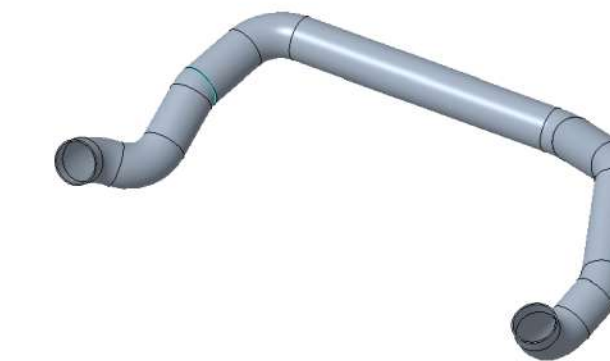
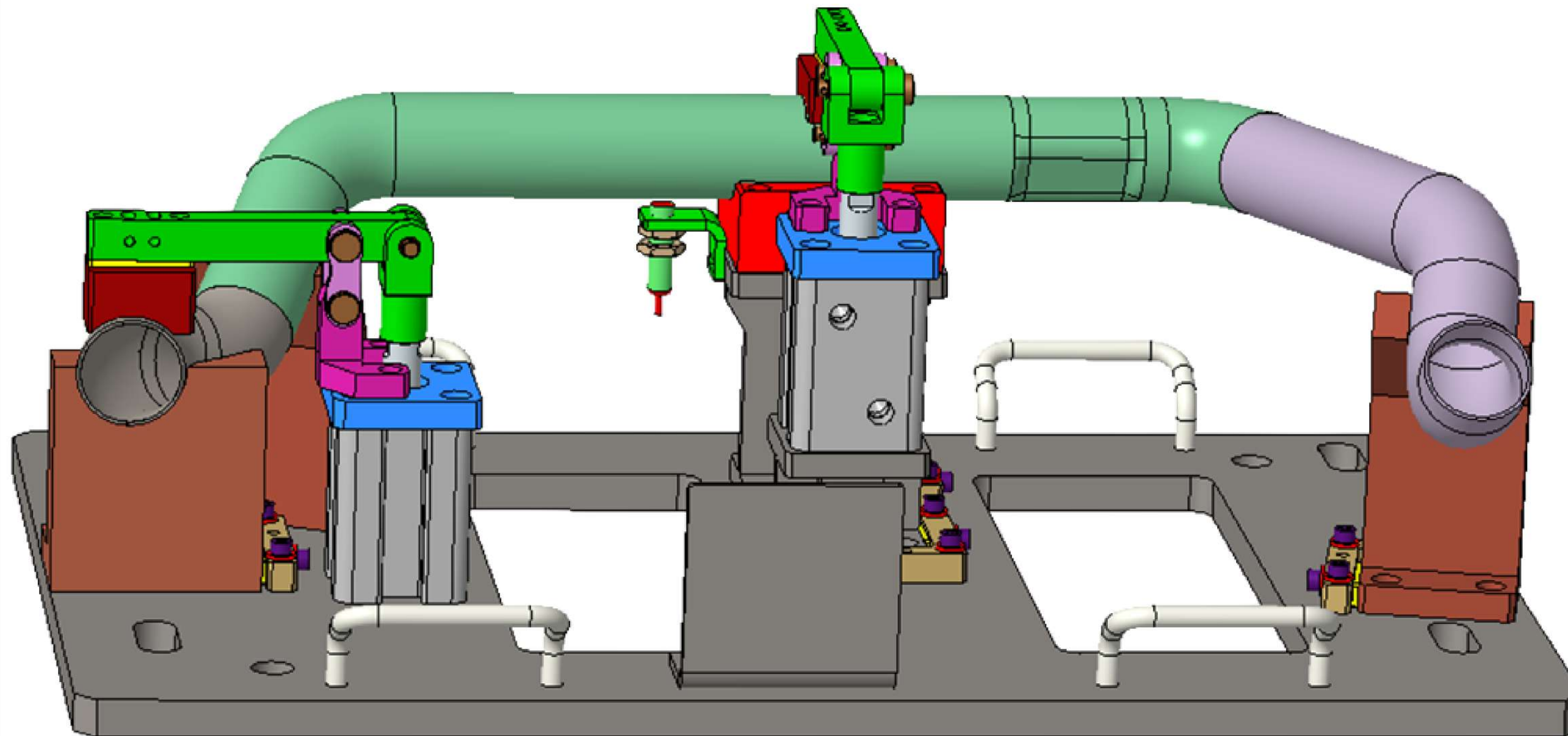


JCB SILENCER

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- INSTALLATION AND PROVE OUT
- WELDING THE THE PART AS PER CUSTOMER DRAWING
- POKE YOKE CHECKING
- PLC INTEGRATION WORK

CUTTING MACHINE TOOLING

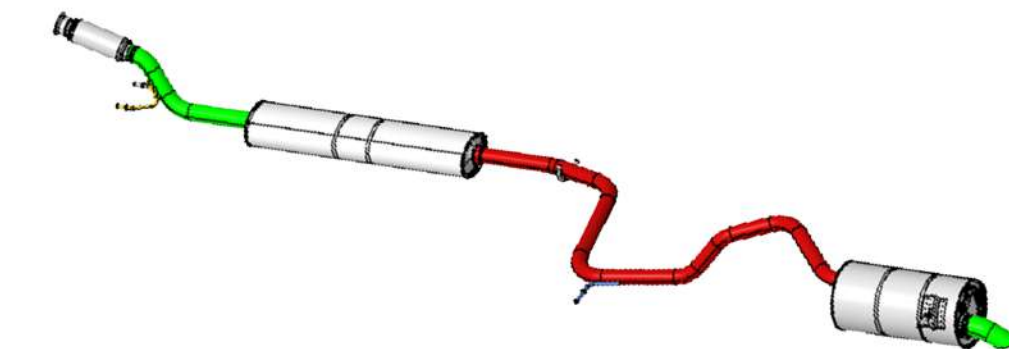
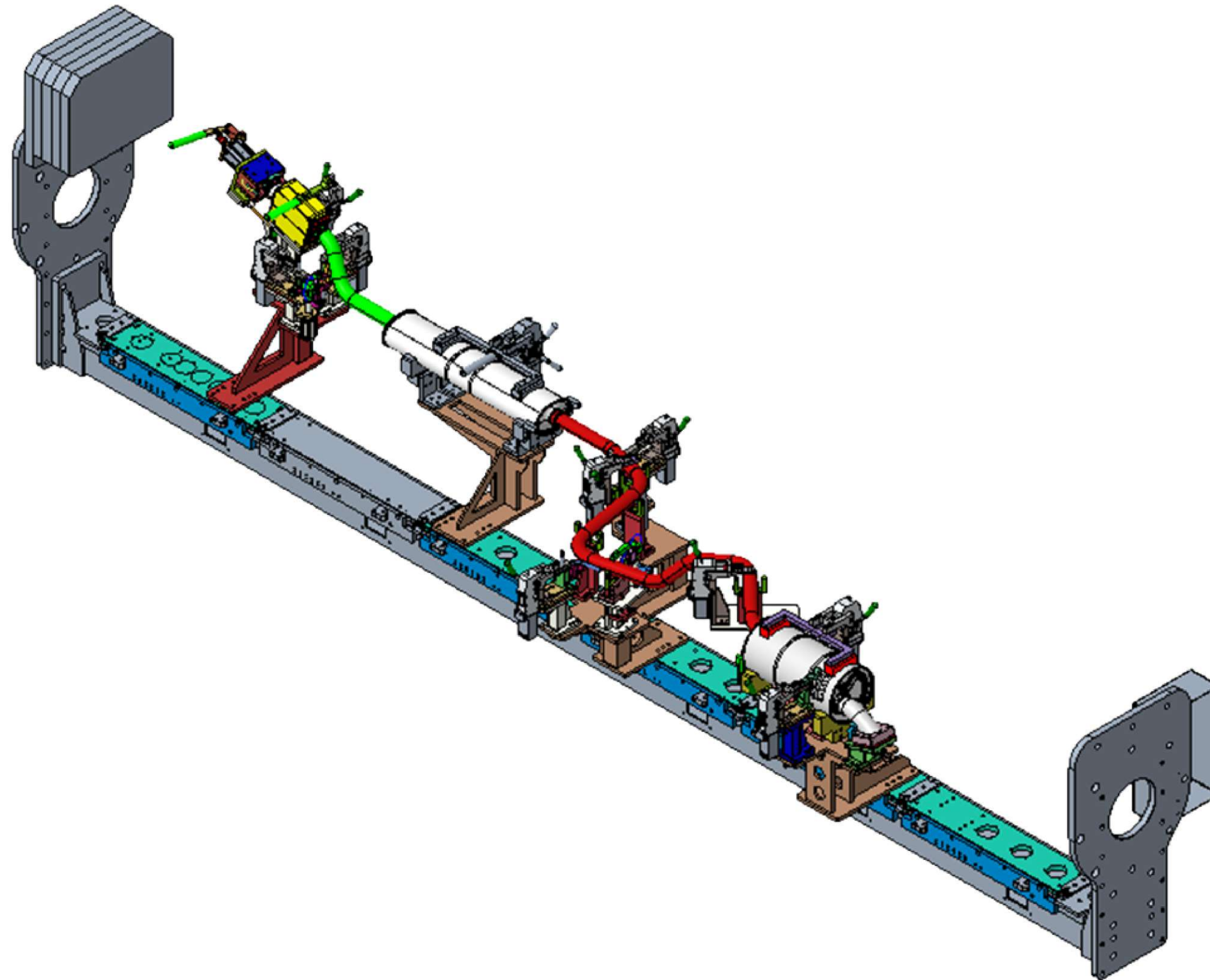


CUTTING PIPE

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- LEAK TESTING MACHINE
- WELDING THE PART AS PER THE CUSTOMER DRAWING
- POKE YOE CHECKING
- INSTALLATION AND PROVE OUT

ROBOTIC WELDING FIXTURES



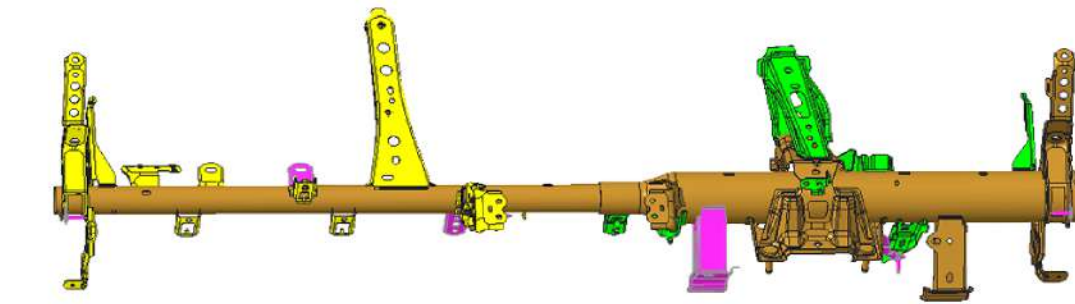
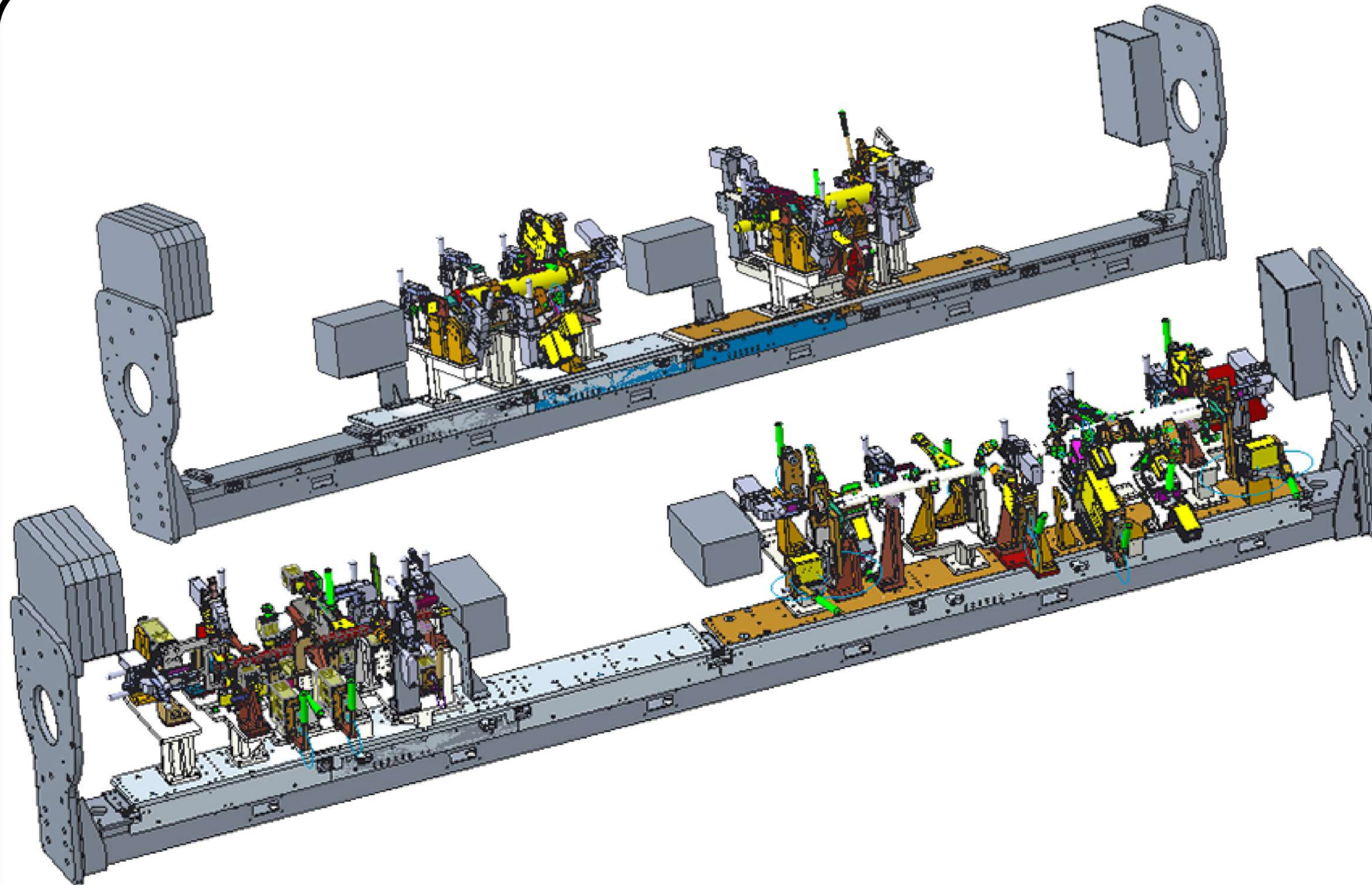
SELTOS COLD END SILENCER

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- POKE YOKE CHECKING
- PLC & ROBOTICS INTEGRATION WORK
- INSTALLATION AND PROVE OUT

WELDING THE PART AS PER CUSTOMER DRAWING

IPRT TOOLING

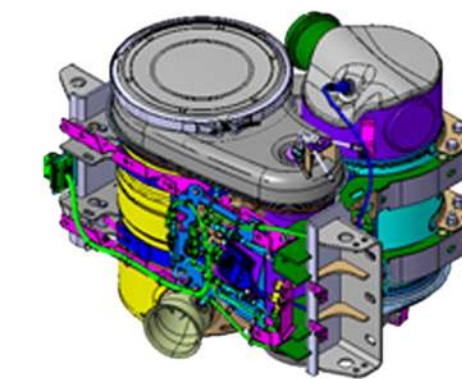
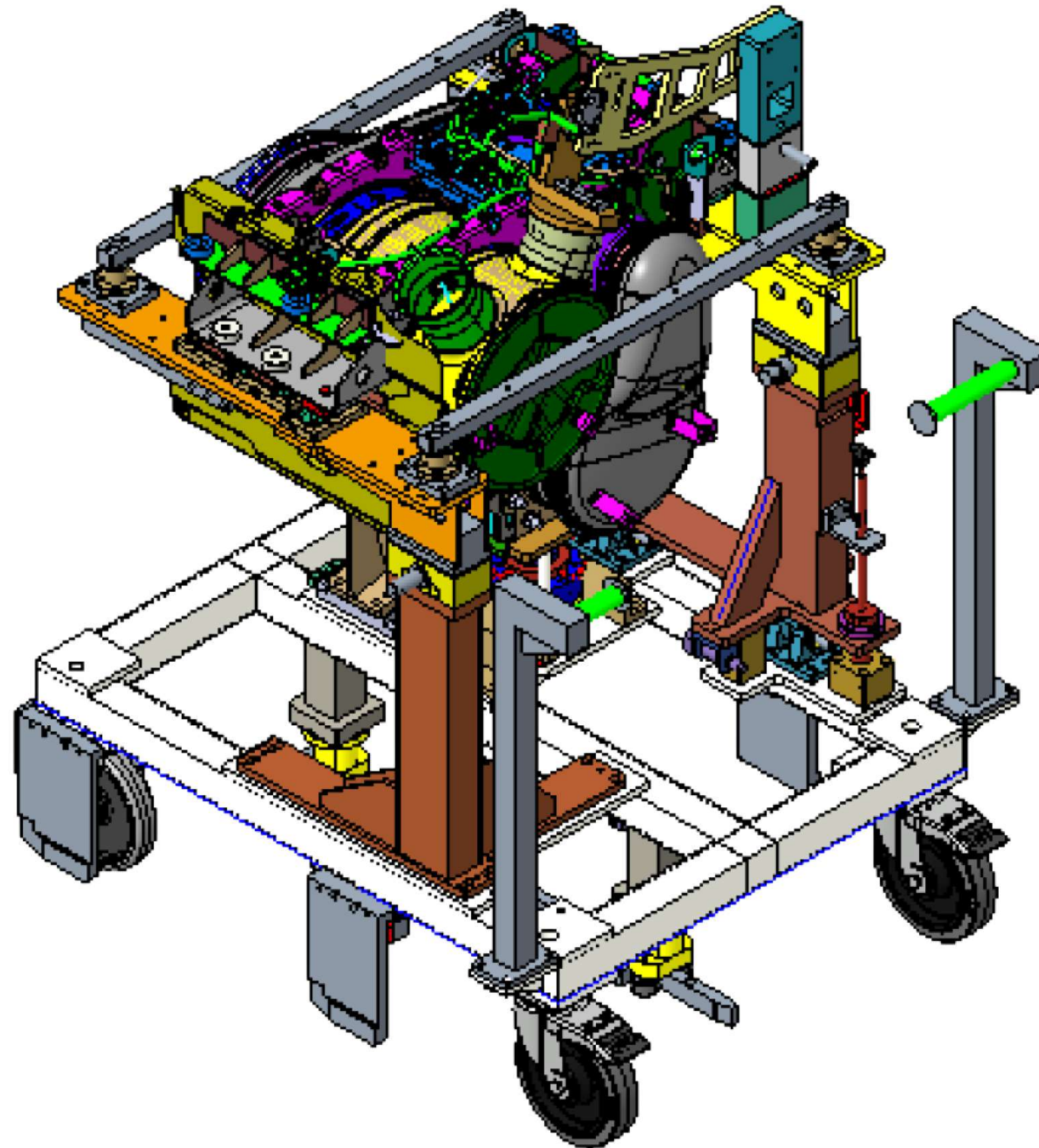


INSTRUMENT PANEL REINFORMENT TUBE

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- CHECKING GAUGE
- POKE YOKE CHECKING
- ASSEMBLE THE PART AS PER CUSTOMER DRAWING
- PLC & ROBOTICS INTEGRATION WORK
- INSTALLATION AND PROVE OUT

TORQUING & INSPECTION GAUGE

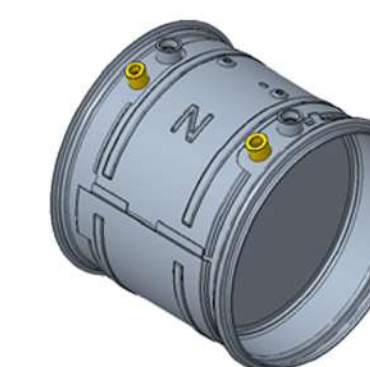
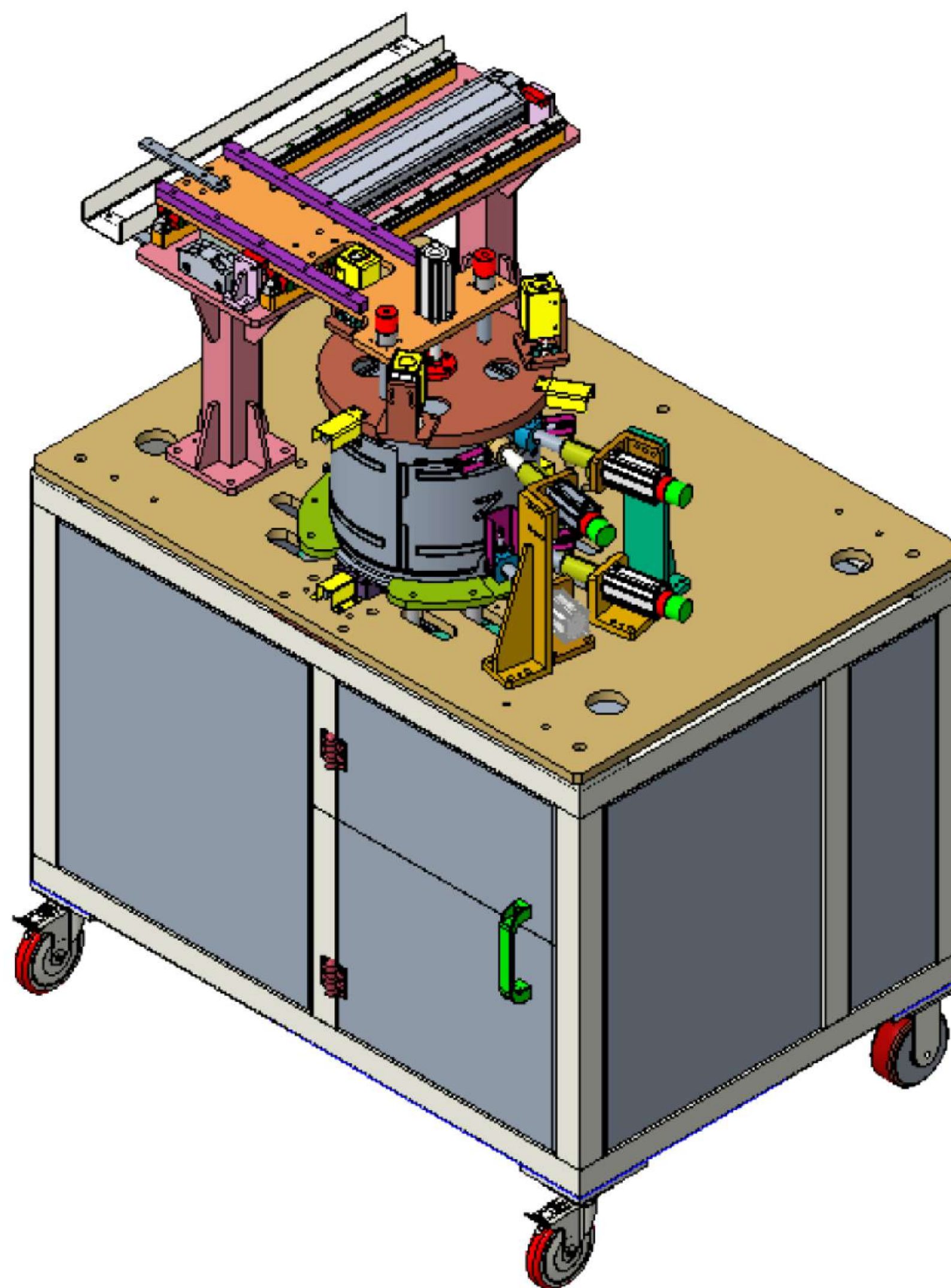


SILENCER

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- INSTALLATION AND PROVE OUT
- THIS MACHINE CHECK THE VARIABLE AND ATTRIBUTE PARAMETER
- POKE YOKE CHECKING

CHECKING GAUGE



PARTICULATE FILTER

SCOPE OF WORK & DETAILS

- DEFINE PROCESS FLOW
- DESIGN AND MANUFACTURE WELDING LINE/MACHINE
- INSTALLATION AND PROVE OUT
- WELDING THE THE PART AS PER CUSTOMER DRAWING
- POKE YOKE CHECKING
- PLC INTEGRATION WORK

TRACEABILITY & INDUSTRY 4.0



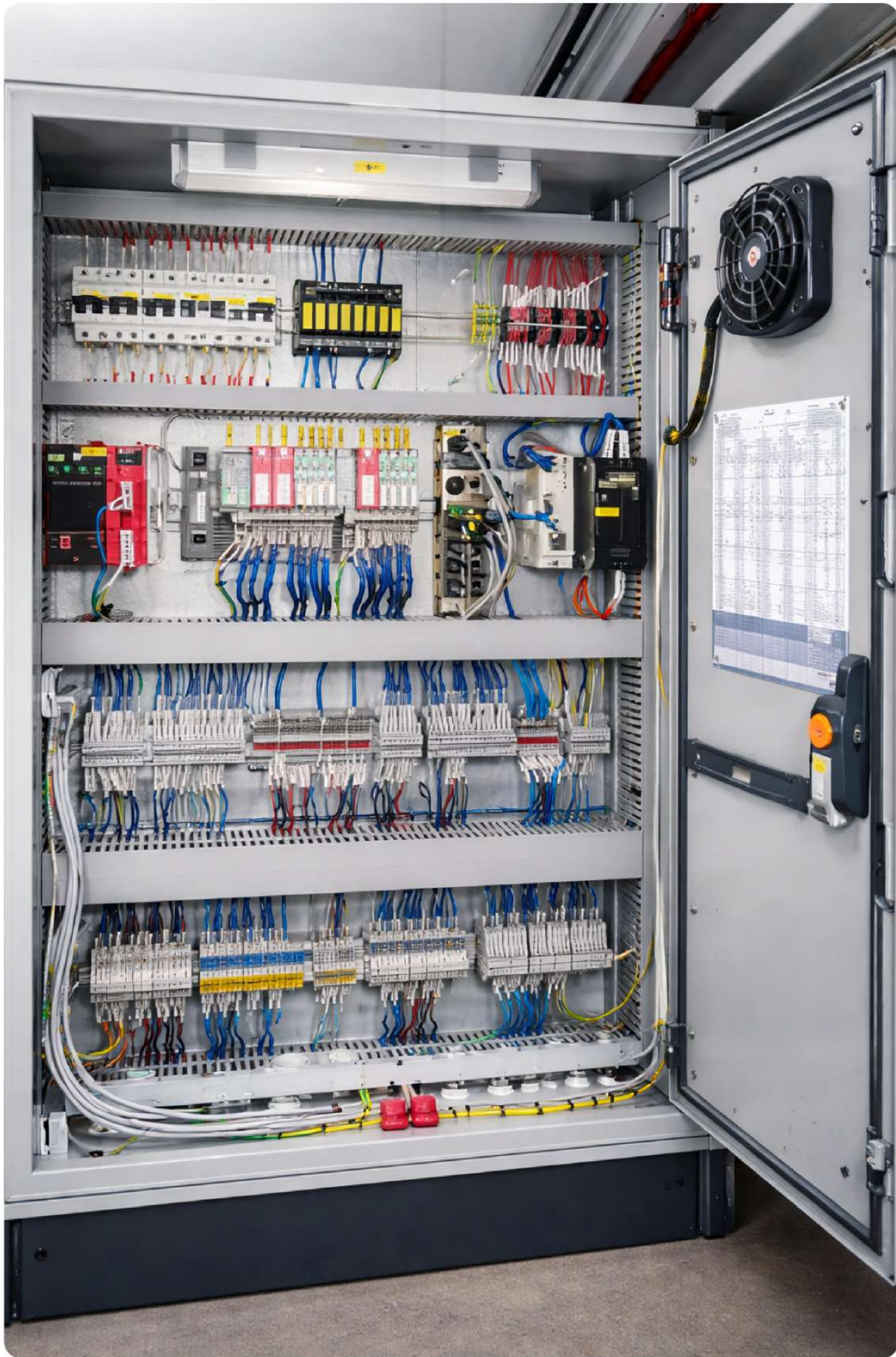
AUTOMOTIVE & AUTO COMPONENTS-PHARMACEUTICAL
 CHEMICAL & PROCESS INDUSTRIES-FOOD & BEVERAGE-FMCG
 ELECTRICAL & ELECTRONICS-HEAVY ENGINEERING & FABRICATION
 PLASTICS & POLYMER-PACKAGING-MATERIAL HANDLING
 & LOGISTICS-METALS & STEEL-AEROSPACE & DEFENSE-MEDICAL
 DEVICES-GENERAL MANUFACTURING

INDUSTRIES WE SERVE

SCOPE OF WORK & DETAILS

- LEAK TESTING MACHINE
- CHECKING GAUGE
- SAVE PARAMETERS ON SERVER
- PLC & ROBOTICS INTEGRATION WORK
- COMPONENT TRACING AND SERVER COMMUNICATION/DATA SHARING
- INSTALLATION AND PROVE OUT
- POKE YOKE CHECKING

CONTROL & POWER PANELS



AUTOMOTIVE & AUTO COMPONENTS-RENEWABLE ENERGY
 CHEMICAL & PROCESS INDUSTRIES-ELECTRICAL & ELECTRONICS
 HEAVY ENGINEERING & FABRICATION-CONVEYORS-PACKAGING
 MATERIAL HANDLING & LOGISTICS
 MANUFACTURING

INDUSTRIES WE SERVE

SCOPE OF WORK & DETAILS

- UL 508A
- UL 698A
- IEC 60204-1
- IEC 61439-1
- EN 60204-1
- PANEL FOR CONTROLLING MACHINE,EQUIPMENTS AND PLANTS
- EN 61439-1
- EN 60079 SERIES
- IEC 60079 SERIES

CUSTOMERS



“

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ElectroDigit Automation And Robotics has built strong partnerships with leading multinational and high-profile clients across diverse industries.

Our commitment to innovation, precision, and reliability has earned us the trust of organizations that demand world-class automation solutions. We take pride in being a preferred partner for companies that value quality, performance, and long-term collaboration.

Our growing customer base reflects our consistent focus on excellence and customer satisfaction.



Trusted by leading multinationals
global industrial pioneers

“

A growing network of global and high-profile clients
Proven by performance and trust



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SPM's, Material Handling Systems, & Conveyors



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THANK YOU



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