

TEM

THE ENGINEER MACHINES

Solutions for today and tomorrow

SF NO 174/2,Palla street,N R S Road,Agraharam,Korattur
Chennai 76

VISION

TEM

To become a key supporting source for all industries by connecting through automations and technology.

MISSION

- To satisfy and continuously support our customers by offering products/solutions at high competitive price and quality.
- Collaborating and partnering customers to improve growth by providing end to end solutions.

ABOUT US

The Engineer Machines (TEM) is an engineering company, experienced in various field of Machine building, Automation and Component manufacturing.

We provide the resource efficient and sustainable solutions for tomorrow. TEM has a team of smart and experienced engineers in the field.

Core competencies

- **Process Automation**
- **SPM**
- **Automated Material Handling**
- **Automated QC & Inspection**
- **New product design and development**
- **Reverse engineering**

ORGANIZATION STRENGTH



Experienced Design Engineers



Focus key Market Segments

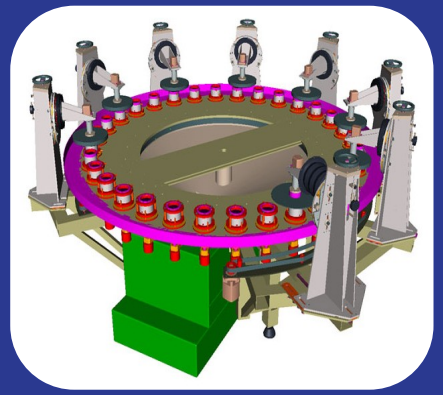


Talented Business Developers



End to End solutions

Our Domain Expertise



Special purpose machine



Robot process automation



Automated guided vehicles



Internet of things

KEY PROJECTS

Servo Controlled
Automatic Hopper Handle Feeder

Client : COLGATE PALMOLIVE INDIA LIMITED, SRICITY, TADA, ANDHRAPRADESH

Equipment : 21 No’s of Automatic Handle Feeder

Scope of supply: Installation and commissioning of Machine and Electrical Control panel with SIEMENS make PLC, SERVO DRIVES, SERVO MOTORS, SENSORS, FESTO make PNEUMATIC VALVES and etc..,

Year of execution: 2020-2022

Automatic Hopper Handle Feeder

Description:

AHHF is used to feed the Tooth brush handle into tufting machine. It checks and aligns brush handle direction and flip position.



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Automatic Hopper Handle Feeder





KEY PROJECTS

Automatic Handle Head Cutting Machine

Client : Machines Boucherie India Pvt Ltd , Bangalore

Equipement : 2 No’s of AUTOMATIC HANDLE HEAD CUTTING MACHINE

Scope of Supply: Installation and commissioning of Electrical Control panel with B & R make PLC, SERVO DRIVES, SERVO MOTORS, SENSORS, ABB Make Servo Drives, FESTO make PNEUMATIC VALVES and etc..,

Year of execution: 2021-2022

KEY PROJECTS

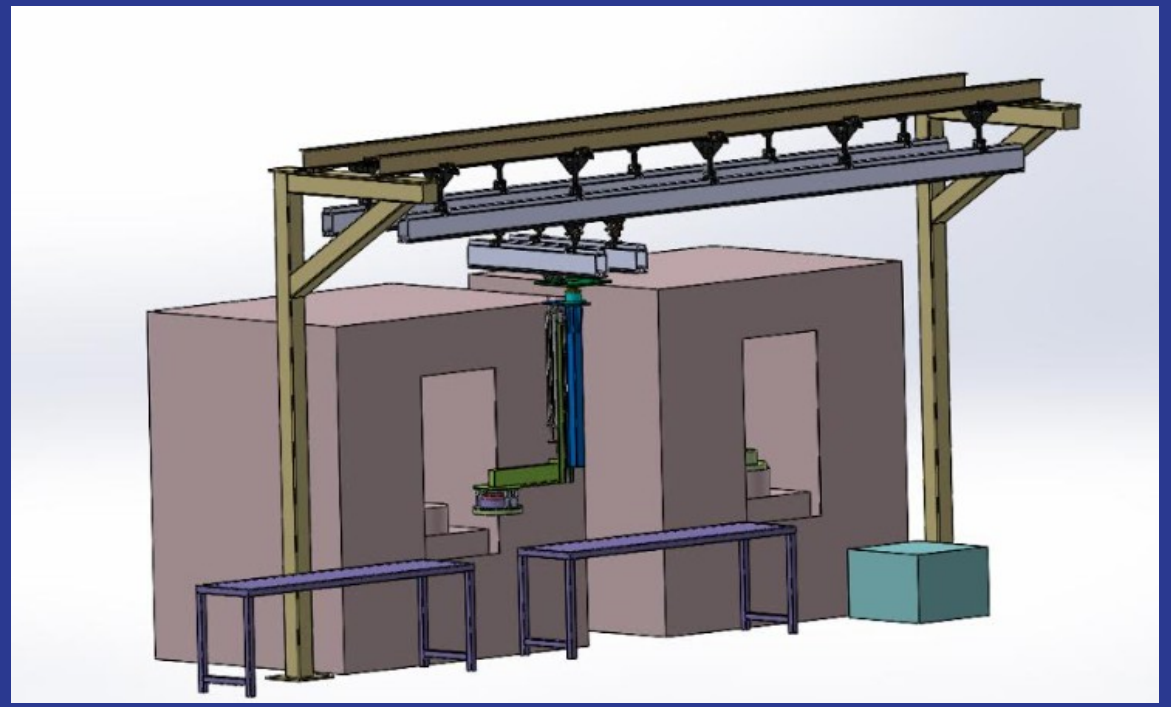


Automatic Handle Head Cutting Machine

Description:

All movements are controlled by means of servomotors, and the touch screen interface is easy to use with clear messages. The controller can hold plenty of different programs.

KEY PROJECTS



Pick and place system for Brake drum – Pneumatic magnetic gripper - Donblock

Description:

Supplied 1set of unit for cast iron –

Brake drum

KEY PROJECTS

Pick and Place system – pneumatic magnetic gripper

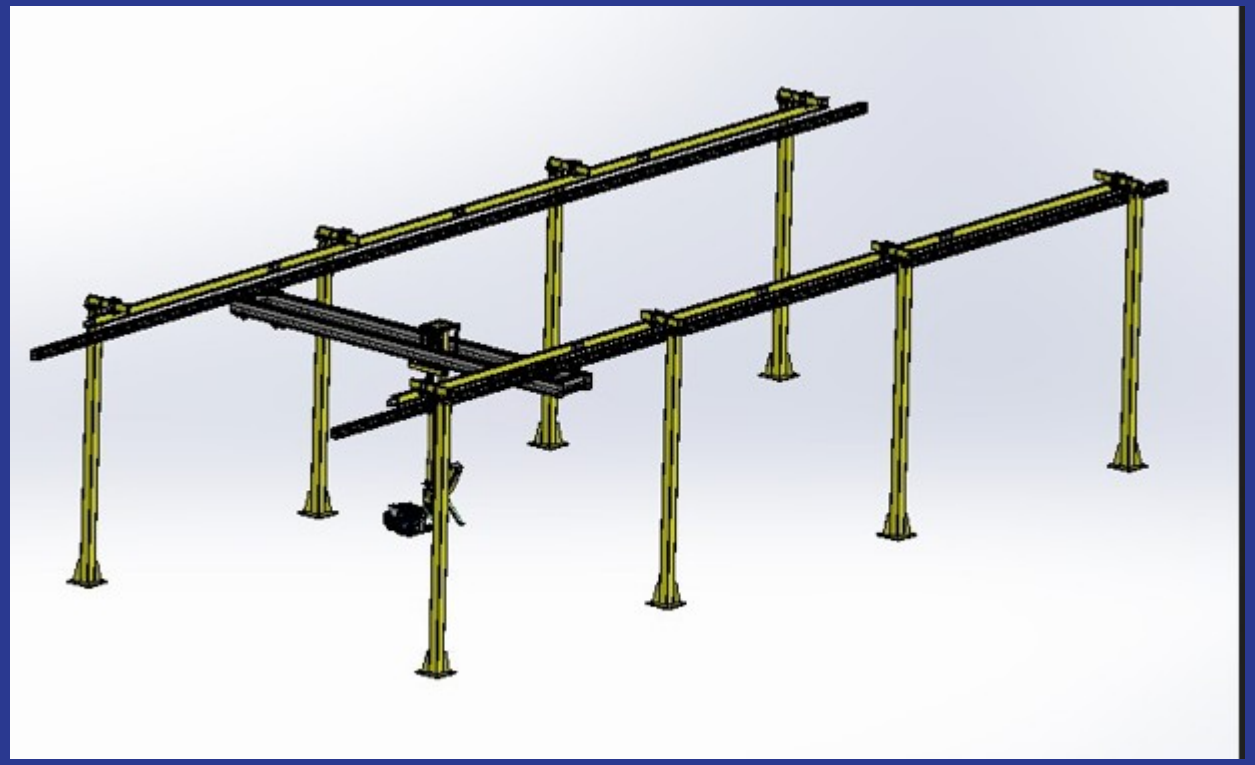
Client : Mat Holding india components pvt ltd

Equipment : 1no Installed for vertical turning machines

Scope of Supply: Installation and commissioning of FESTO make PNEUMATIC YHBP setup and VALVES and cylinder ,IXTUR magnetic gripper etc..,

Year of execution: 2024

KEY PROJECTS

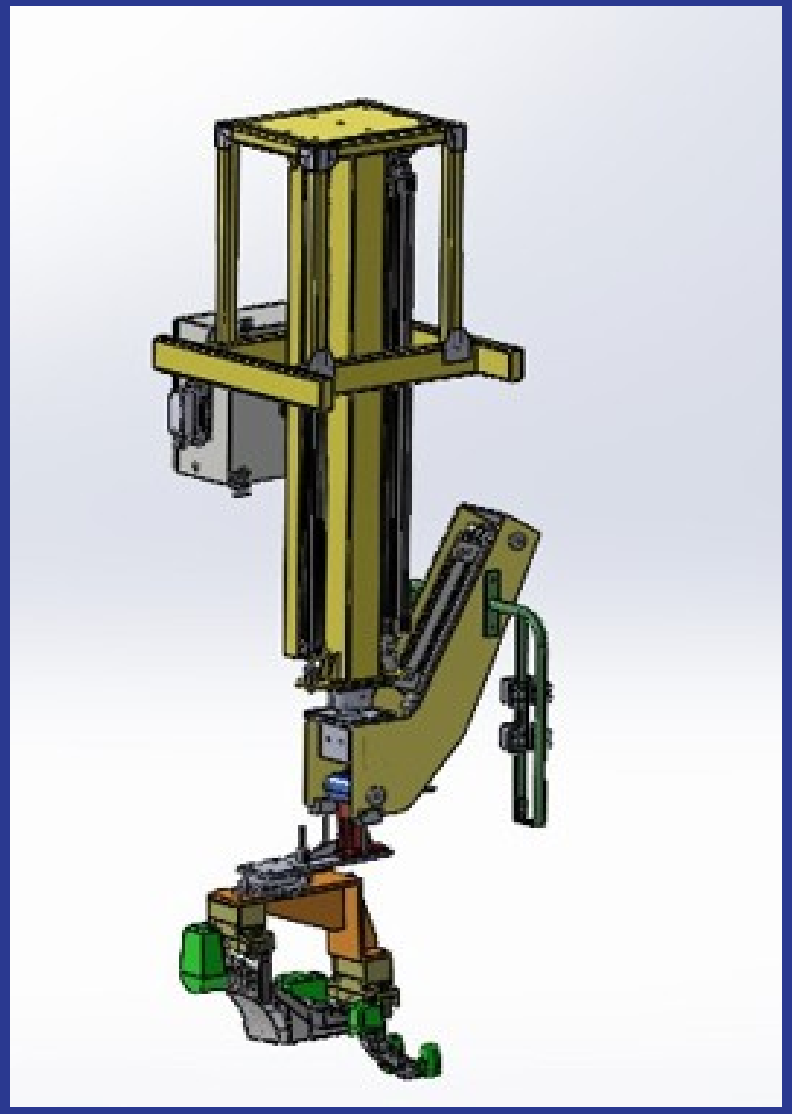


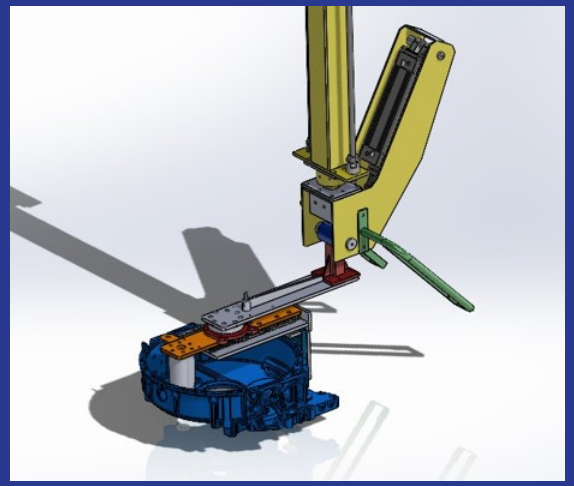
Vertical Manipulator with Eepos Aluminium profile - Sundaram Clayton limited Padi & Theervoy kandigai

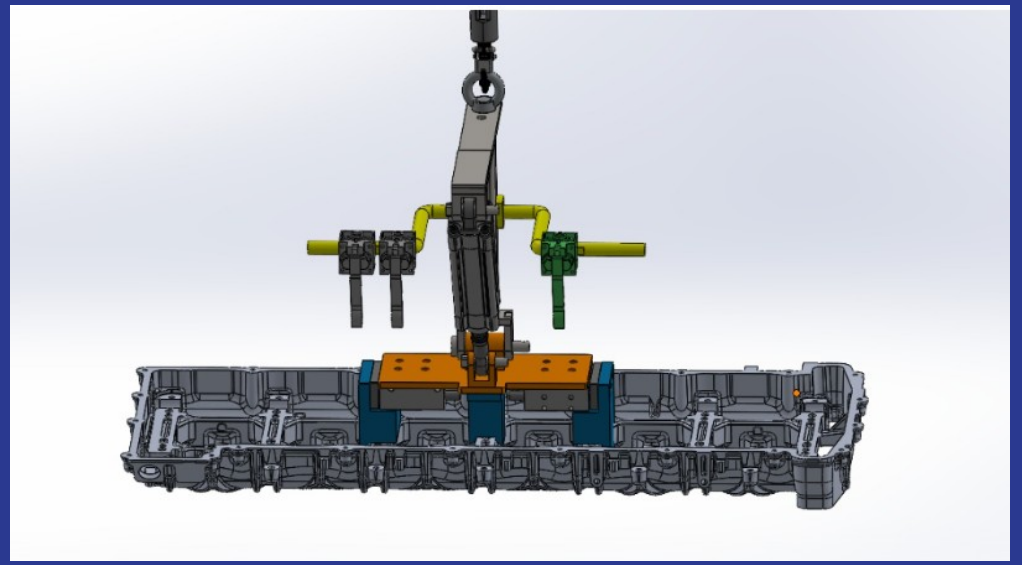
Description:

Supplied 11 units for Non ferrous materials

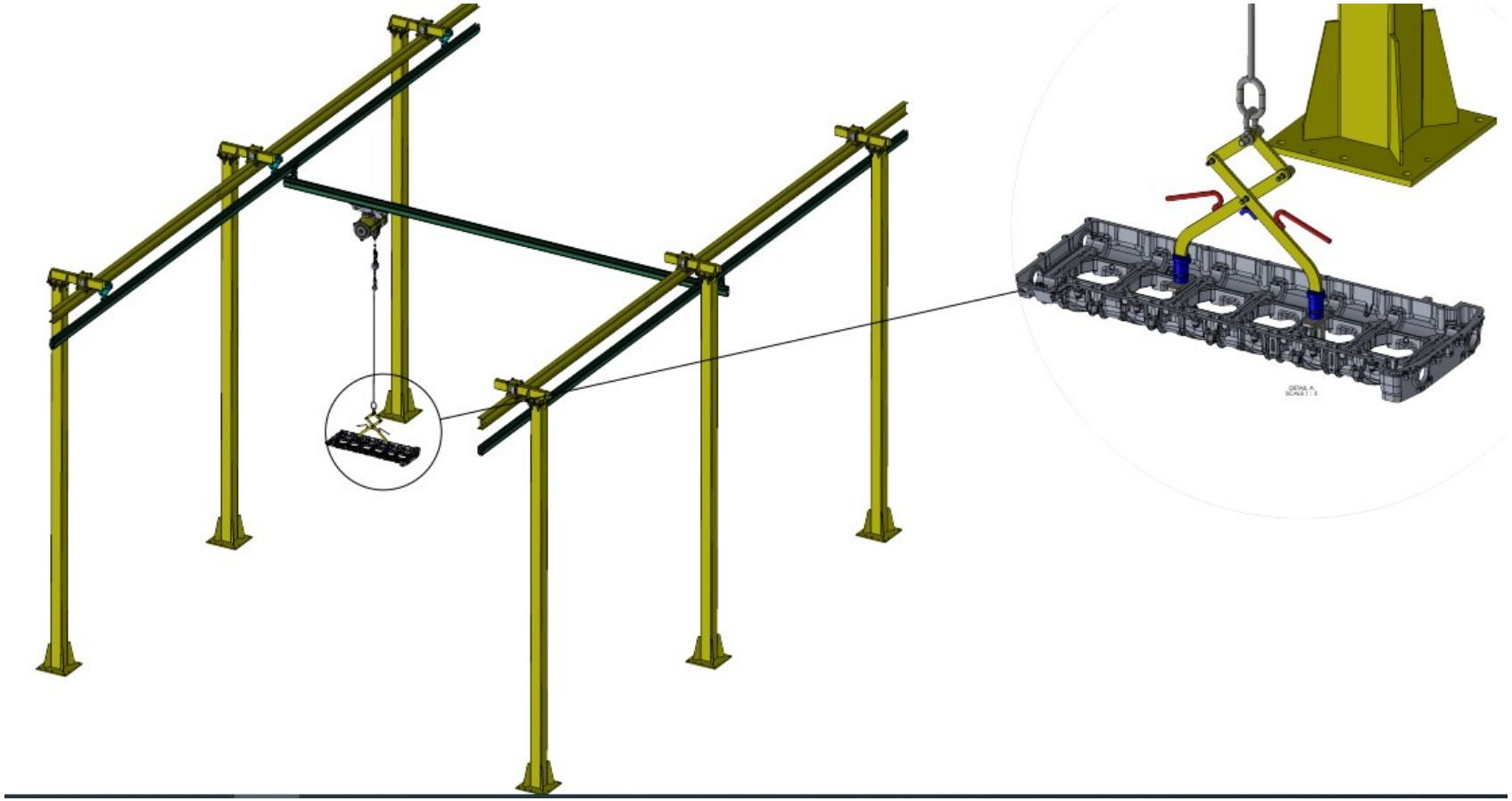
KEY PROJECTS





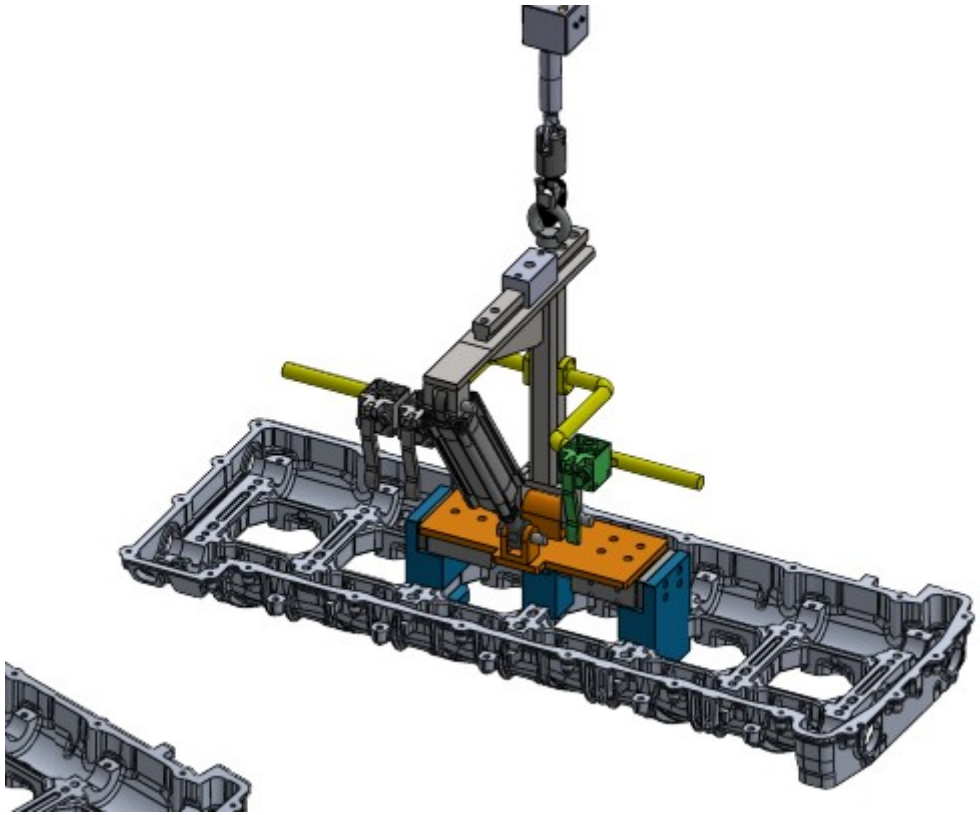


ENDO Air balancer with grippers

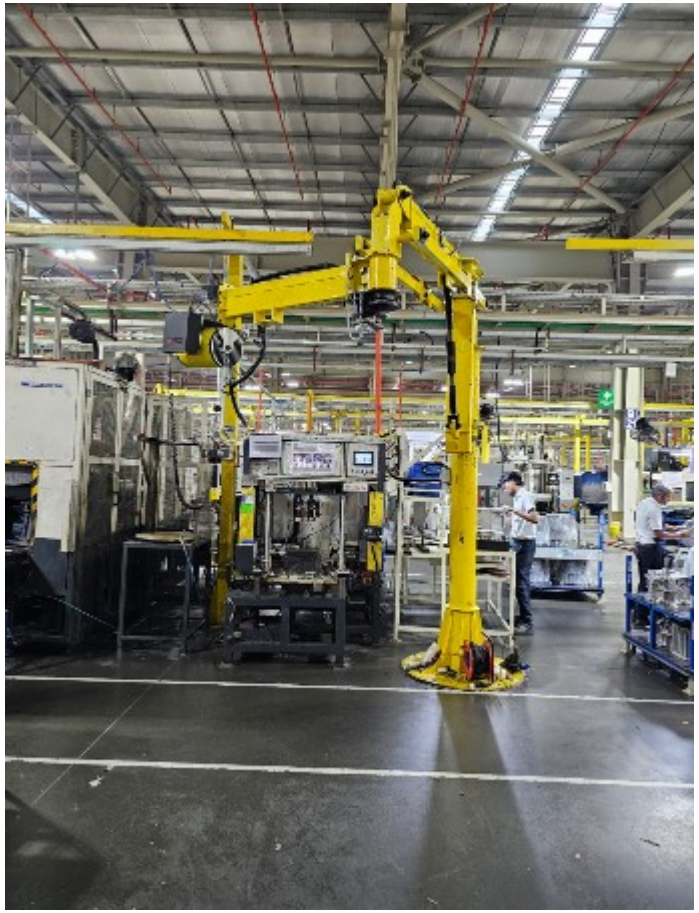


Endo – Magical air balancer



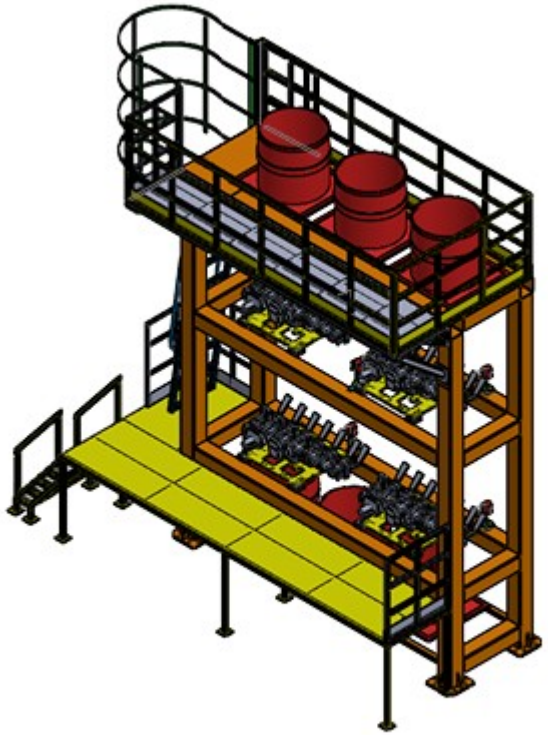






Articulate manipulator with air balancer – 4m span to SCL - TKP

Cooling Station for GDC



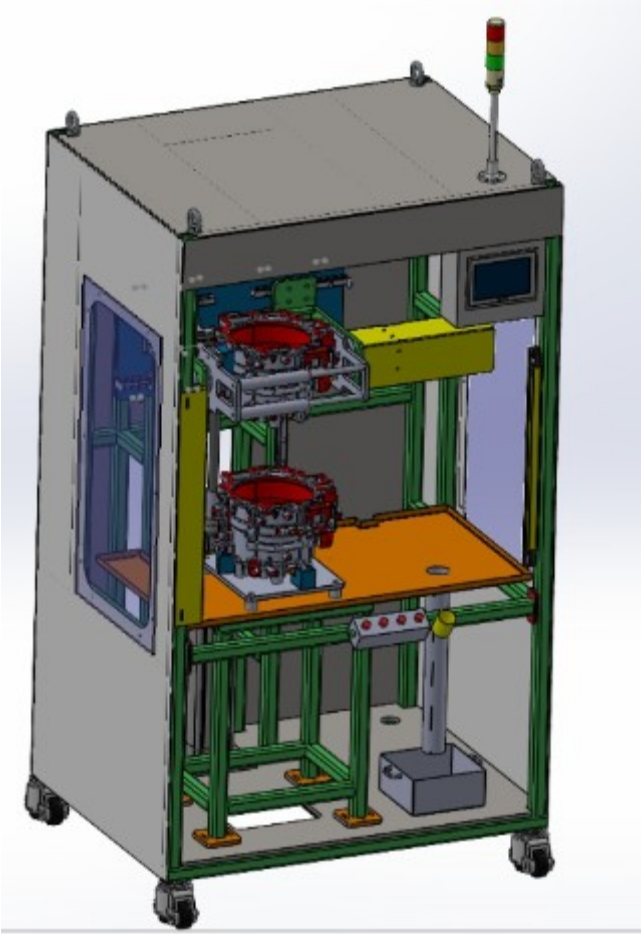




Cooling station

For using a industrial axial fan to cool the Aluminium casting

Mobis motor housing deburring station



Mobis motor housing deburring station

Using a pneumatic gripper to clamp the component

Servo motor is used to rotate the compound by 360 degree

KEY PROJECTS

Vertical Manipulator – Using Festo YHBP system

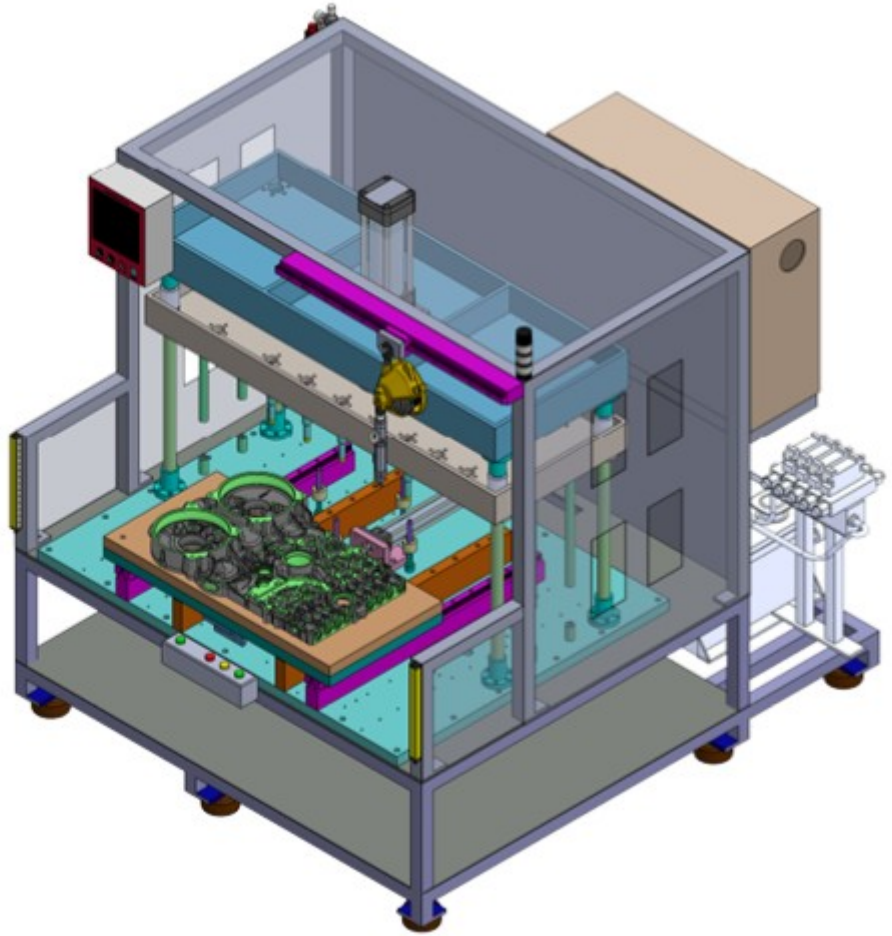
Client : Sundaram clayton limited – Padi & Theervoy kandigai

Equipment : 9 units Installed for VMC & HMC machines

Scope of Supply: Installation and commissioning of FESTO make PNEUMATIC YHBP setup and VALVES and cylinder ,Pneumatic grippers

Year of execution: 2024 & 2025

Texel Q – Assembly machine and leak test machine





KEY PROJECTS

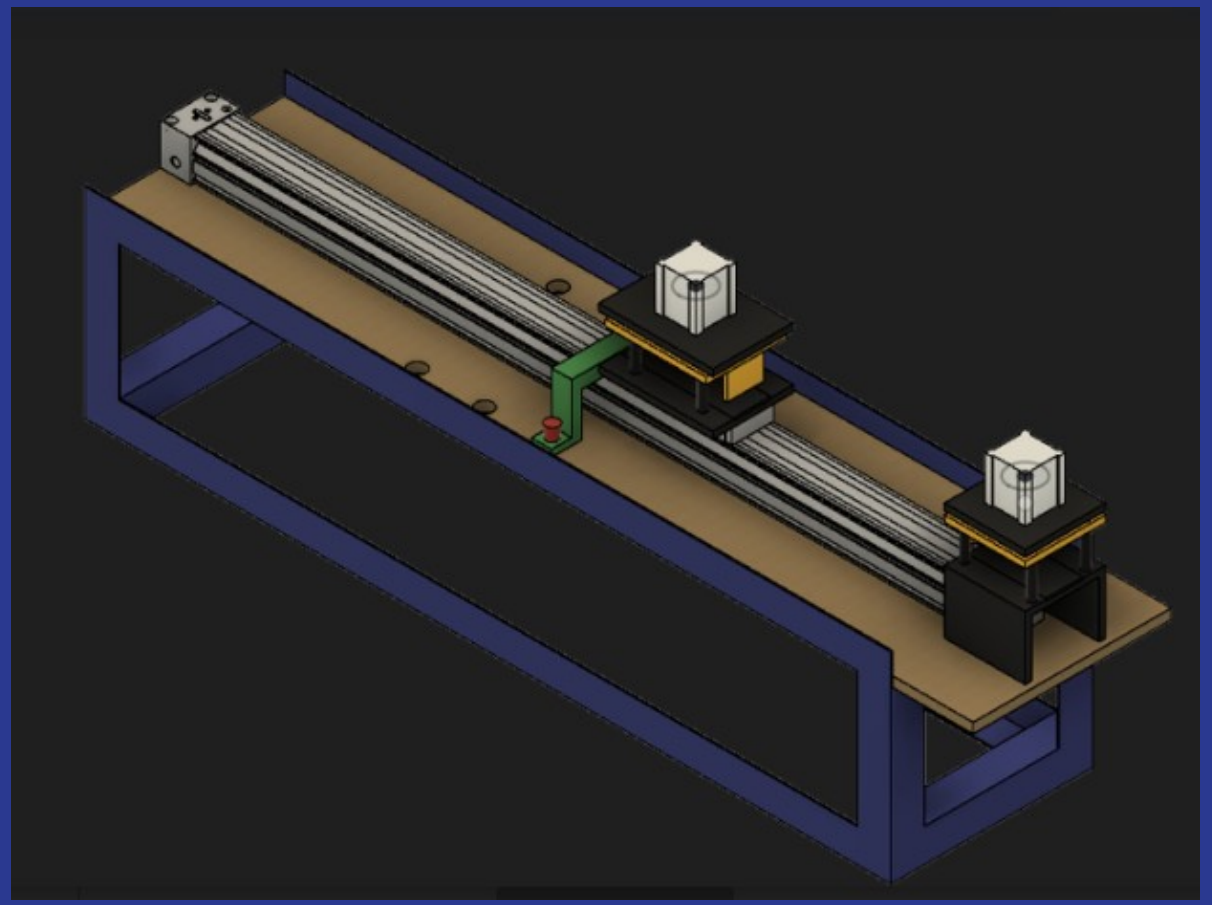
Client : Texel q engineering private ltd

Equipement : Assembly machine and leak testing machine

Scope of Supply: Installation and commissioning of Electrical Control panel with Delta make PLC, SERVO DRIVES, SERVO MOTORS, SENSORS, FESTO make PNEUMATIC VALVES and Hybraulics and etc..,

Year of execution: 2025

KEY PROJECTS



Automatic Handle Head Cutting Machine

Description:

0.2mm corrugation auto feeding

system to press to maintain the length

variation 0.3mm to 0.5mm

KEY PROJECTS

Corrugation sheet Automatic Feeding system - Press

Client : MC wane india pvt ltd,sricity

Equipement : 1no Auto corrugation sheet feeding system for press

Scope of Supply: Installation and commissioning of Electrical Control panel with Delta make PLC, SERVO DRIVES, SERVO MOTORS, SENSORS, FESTO make PNEUMATIC VALVES and etc..,

Year of execution: 2023

KEY PROJECTS



SS double stack Cooling Conveyor.

Client :TOLORAM - Nigeria

Equipment : 2 No’s of SS double stack Cooling Conveyor.

Scope of Supply: Installation and commissioning of Electrical Control panel with Induction Motors.

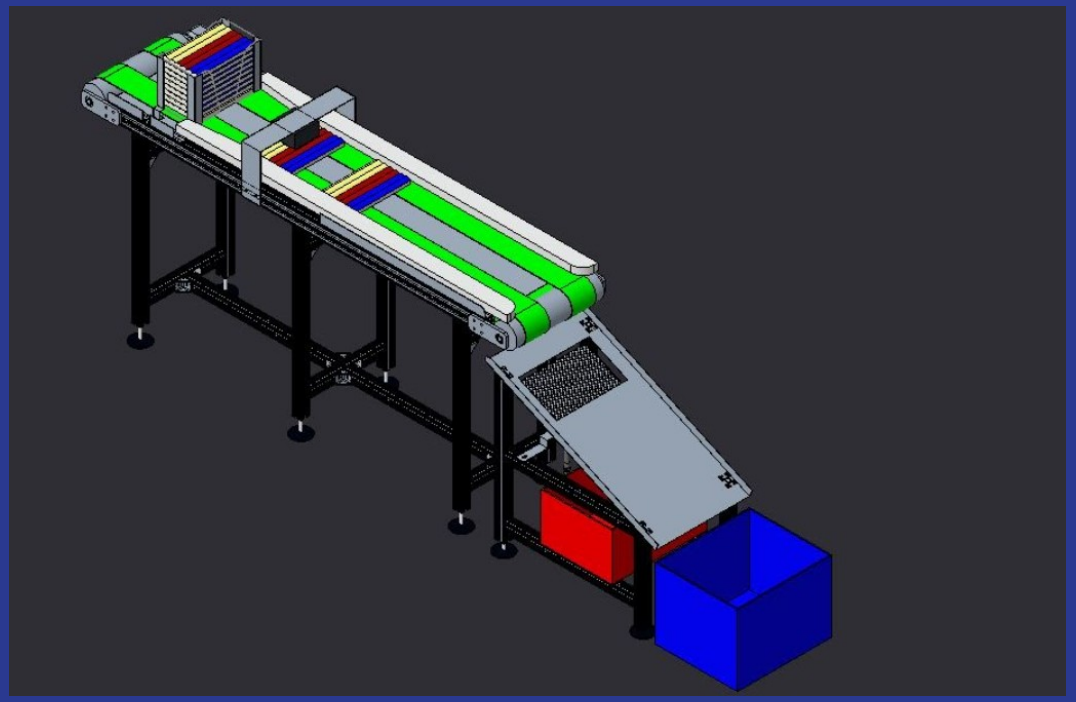
Year of execution: 2021-2022

Description:

Transferring of hot components from injection molding machine to process by temperature reduction of 25 degrees.

KEY PROJECTS

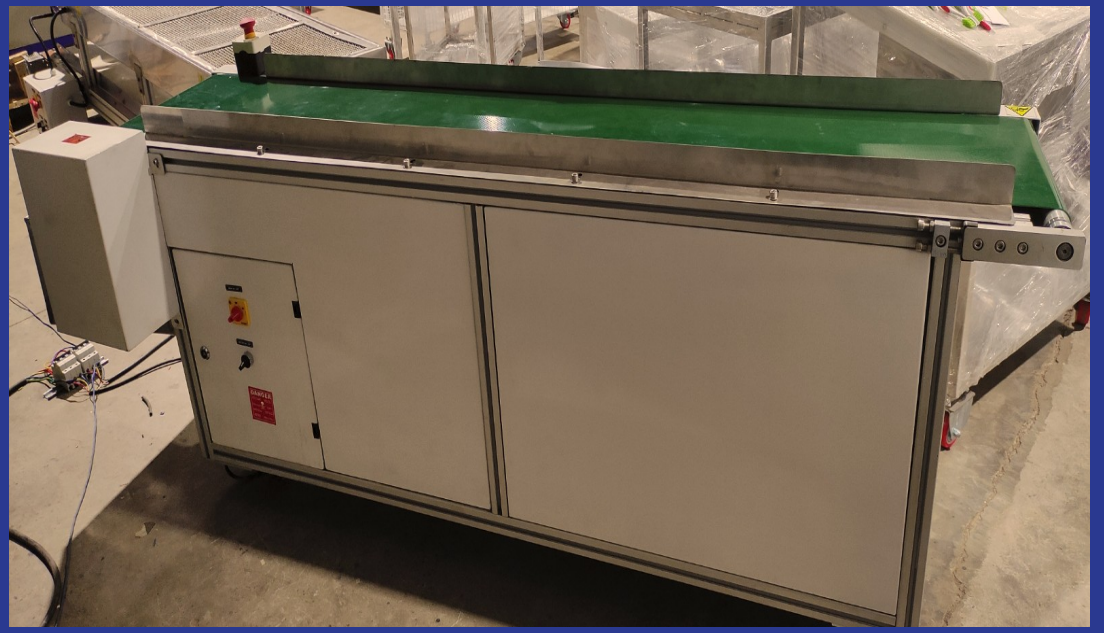
- **Application :** Automatic Inspection system
- **Brief:** Check for the component in the pack at high speed. The system has a reject conveyor and accepted conveyor which will separate the component
- **Supplied to :** Tolaram Group , Nigeria
- **No. of Units :** 01



Component Inspection System

KEY PROJECTS

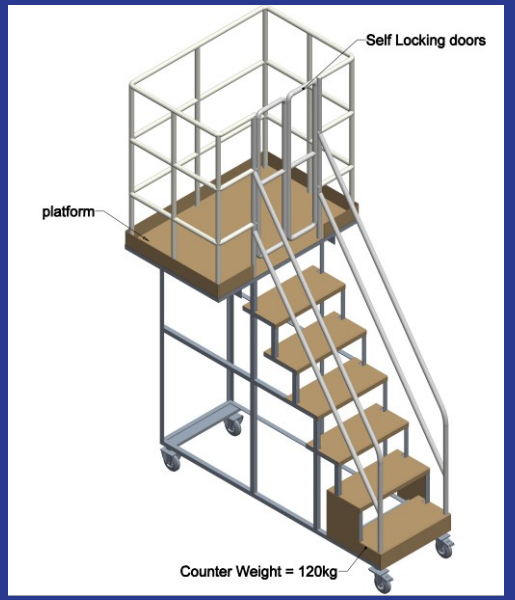
- **Application :** Food Grade Conveyors
- **Brief:** Any type of belt / Roller / chain conveyors with different delivery points - Elevated , “U”, “L” to transfer components / products.
- **Supplied to :** Tolaram Group , Nigeria
- **No. of Units :** 03



Conveyors for food and beverage industry

KEY PROJECTS

- **Application :** Stainless Steel / MS Accessories
- **Brief:** Any type of custom made ladders, Operating stands, Assembly tables required for the production lines.
- **Supplied to :** Tolaram Group , Nigeria
- **No. of Units :** 03





SS / MS Fabricated Accessories

Components - Supplied





Machining components supplied to IMOP

Components - Supplied







Machining components supplied to IMOP and Hero

MRO supplier base – Industrial and office

- ABRASIVES 1
- TAPES, ADHESIVES AND SEALERS
- SAFETY
- POWER TRANSMISSION PRODUCTS
- MATERIAL HANDLINGS
- FASTENERS
- ROBOTICS
- POWER TOOLS
- PLUMBING
- MEASUREMENT TOOLS
- HYDRAULICS
- HAND TOOLS
- ELECTRICALS
- CUTTING TOOLS
- CLEANING

- **COMPUTER AND ACCESSORIES**
- **CORPORATE GIFTING**
- **DESK ACCESSORIES**
- **ELECTRICAL AND LIGHTING**
- **ELECTRONICS**
- **IT**
- **MAILING AND SHIPPING**
- **OFFICE FURNITURE**
- **OFFICE MACHINERY AND BASIC SUPPLIES 19**
- **PANTRY SUPPLIES**

KEY PROJECTS

- Fresh and Honest - Lavazza
- Bellapermier Happy Hygenie care pvt ltd - Dindigul
- Sundaram Clayton limited –Padi ,Thervoy kandigai & TKP
- Machines Boucherie - Europe – FMCG – Bangalore
- HL Mando – Chennai Plant-1
- Mcwane India pvt ltd – Sricity
- Donblock – Gummidipondi



15+ Satisfied Customers from India

20+ Projects installed in Various fields

Thank you

Contact us

Website: www.temachines.co.in

Mail: info@temachines.co.in

Contact # : 7305615457,7305615557