

SAYA Industrial Automation Pvt. Ltd.

www.sayaengineers.com

About Us

Mission & Vision

Industries we Cater to

Service Lines & Solutions

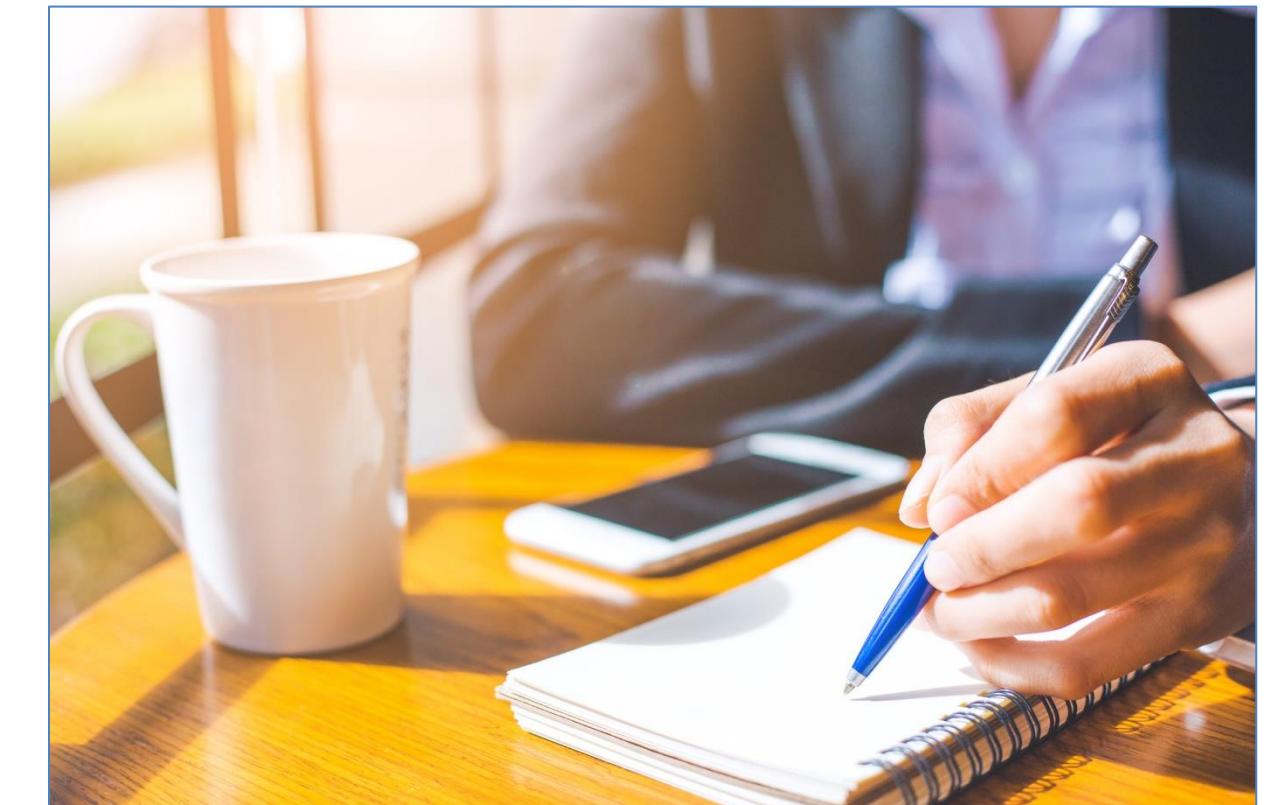
Why SAYA

Our Infrastructure

Our Successfully Delivered Projects

Major Projects

Our Beloved Customers



We Make Factories Run Better

SAYA Industrial Automation Pvt. Ltd. is a subsidiary of [Saya Engineers](#), established in **2020**. It was upgraded to a Private Limited company in **2024**, with a vision to provide the best industry solutions. We are a company certified under ISO 9001 standards, based in the Delhi NCR region, Bhiwadi, North India. We specialize in the Manufacturing of SPM (Special Purpose Machines), Vision systems set up, Andon, Data Traceability, Industry 4.0, Vision Poka-Yoke set up, Pick n Place set up (Mini Robot), Conveyors, CNC/PLC Machine Retrofitting, Line/Station setup/automation, CNC services, and 3D-designed fixtures/gauges. Our company was founded with the mission of supporting the Make in India initiative by leveraging our extensive experience to bridge the gap between foreign machine makers and Indian companies, providing local solutions to reduce dependence on overseas manufacturers. We aim to empower industries with high-quality, locally manufactured automation and production systems.



Mission

Our mission is to provide world-class automation systems that foster growth, efficiency, and cost-effectiveness for our clients, and we aim to be a key player in building a self-reliant India.

Vision

Our vision is to dedicate our extensive experience to developing Make in India products. We are fully aligned with the country's goals under the "Vocal for Local" initiative. Through innovation, quality, and efficiency, we strive to create automation solutions that empower Indian businesses to succeed while reducing dependency on foreign imports.

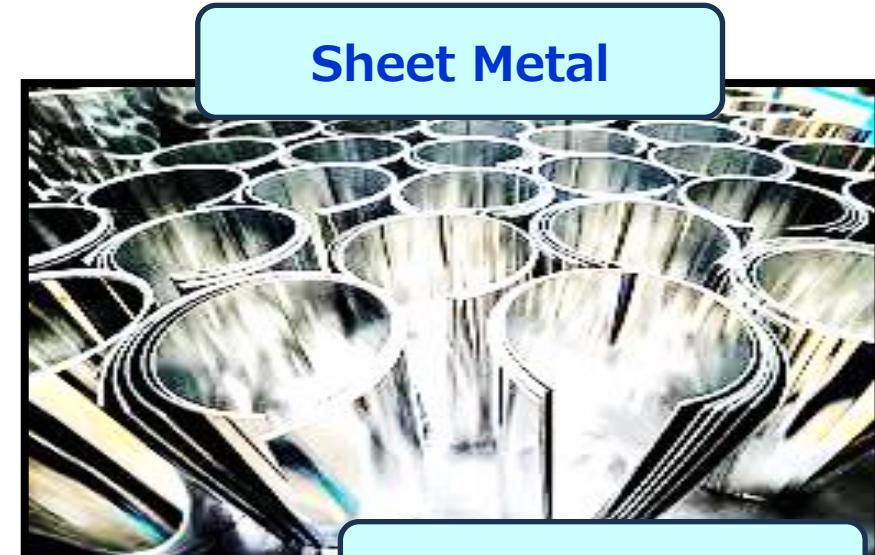
Industries We Cater to



Surgical



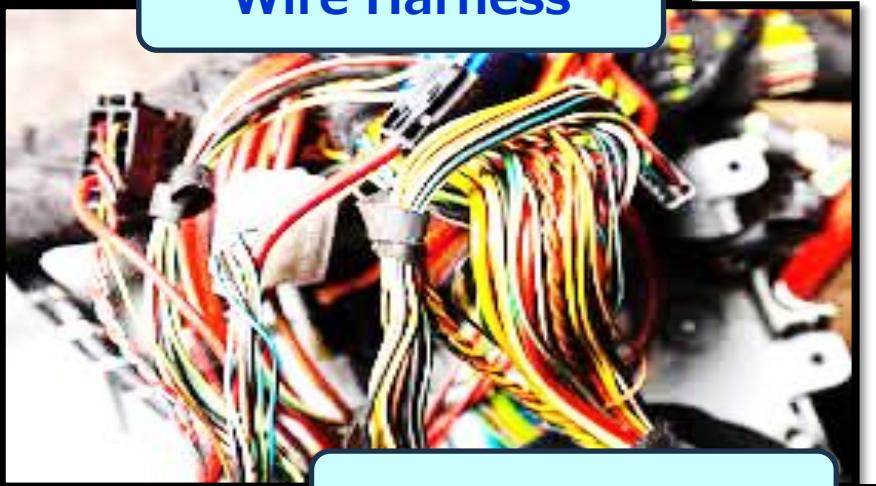
Automobile



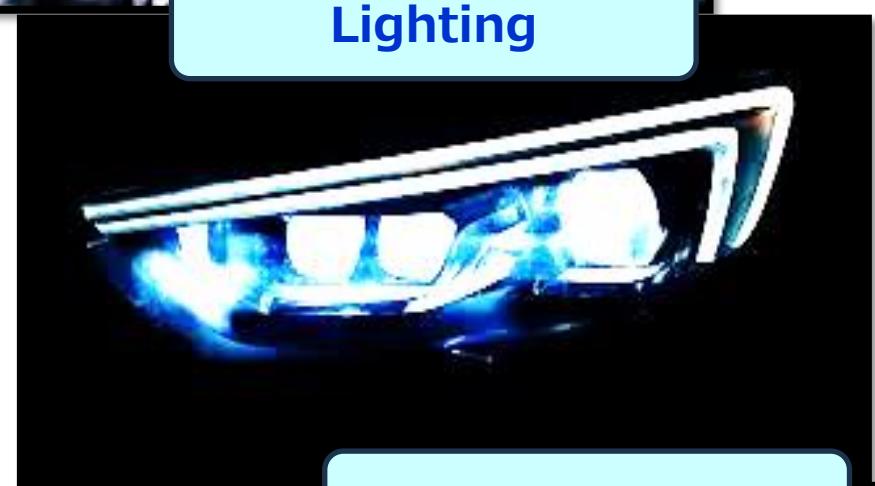
Sheet Metal



Tooling



Wire Harness



Lighting



Ren. energy



Die Casting



FMCG

Service Lines & Solutions



- ANDON System
- Machine Retrofitting (PLC & FANUC CNC)**
- Electronic cards repairing (AC Drive, Fanuc / Siemens / Mitsubishi Cards repairing)
- Poka-yoke & Vision system complete setup
- Machine relocation & installation
- Electrical Panel making (PLC /CNC / RLC / Distribution Panel)
- Industry 4.0 (Data Logging / Traceability)
- SPM Machine manufacturing
- Jig / Fixture / Gauge manufacturing
- Assembly Station
- Conveyor manufacturing (Belt & Chain)
- Pick & Place Setup & complete solution

Service Lines & Solutions



ANDON System

M/c Retrofitting

Electronics Cards Repairing

Vision System

M/c Relocation

Panel Making

Industry 4.0

SPM Manufacturing

Jig / fixture / Gauging

Assembly Station

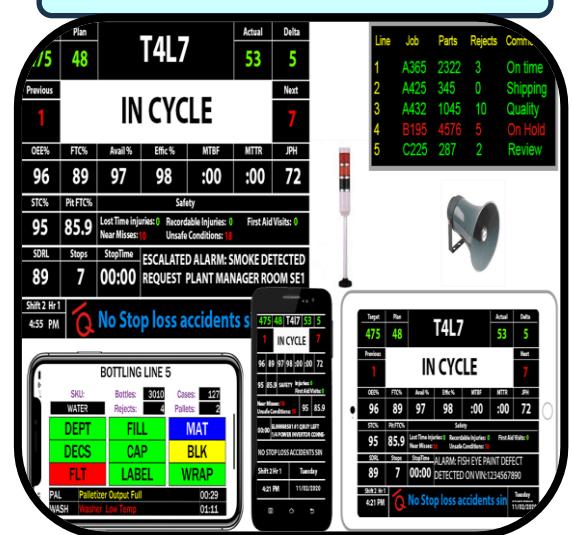
Conv Manufacturing

Pick & Place Setup

Service Lines & Solutions



ANDON System



Target Display



Production Data

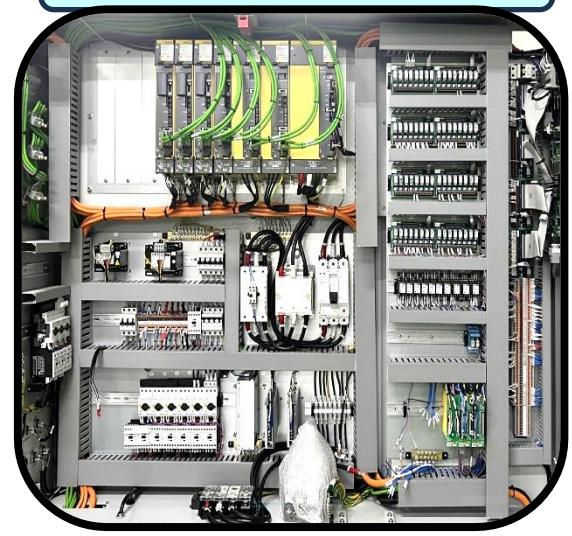


Call System

M/C NO.	ITEM CODE	TARGET	ACTUAL	STATUS
1	20001	150	120	MAINT.
2	20003	150	140	OK
3	20005	150	120	MAINT.
4	20008	150	135	OK
5	20009	150	099	MAINT.
6	20010	150	105	OK



M/c Retrofitting



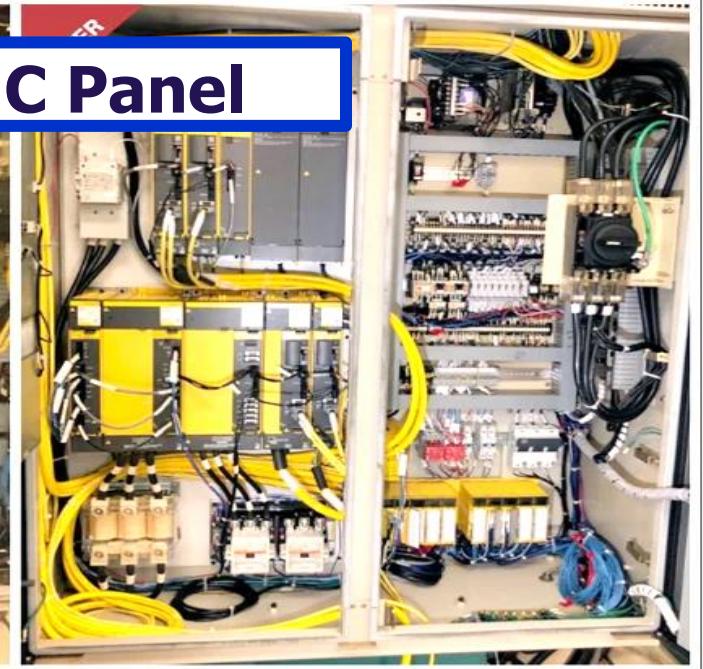
PLC Panel



BEFORE

AFTER

CNC Panel



Service Lines & Solutions

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MEN BEHIND MACHINE

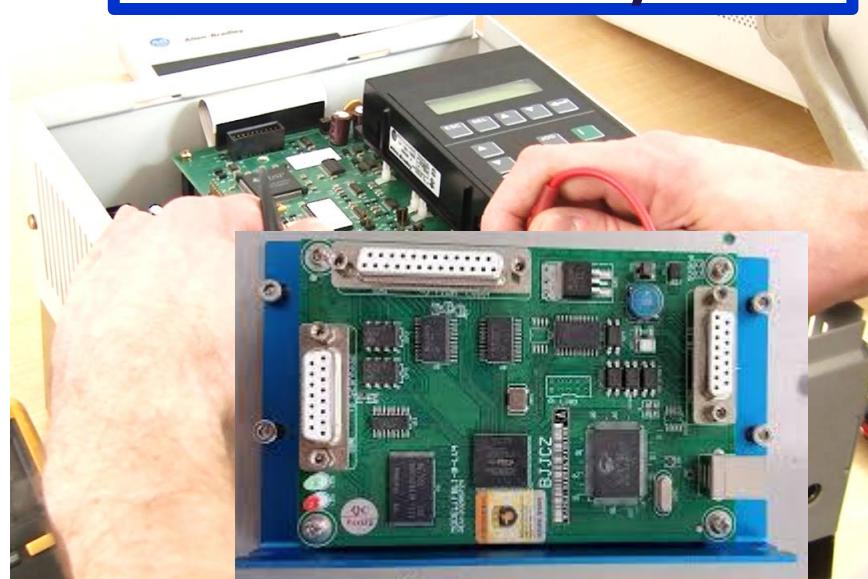
Electronics Cards Repairing



VFD Cards



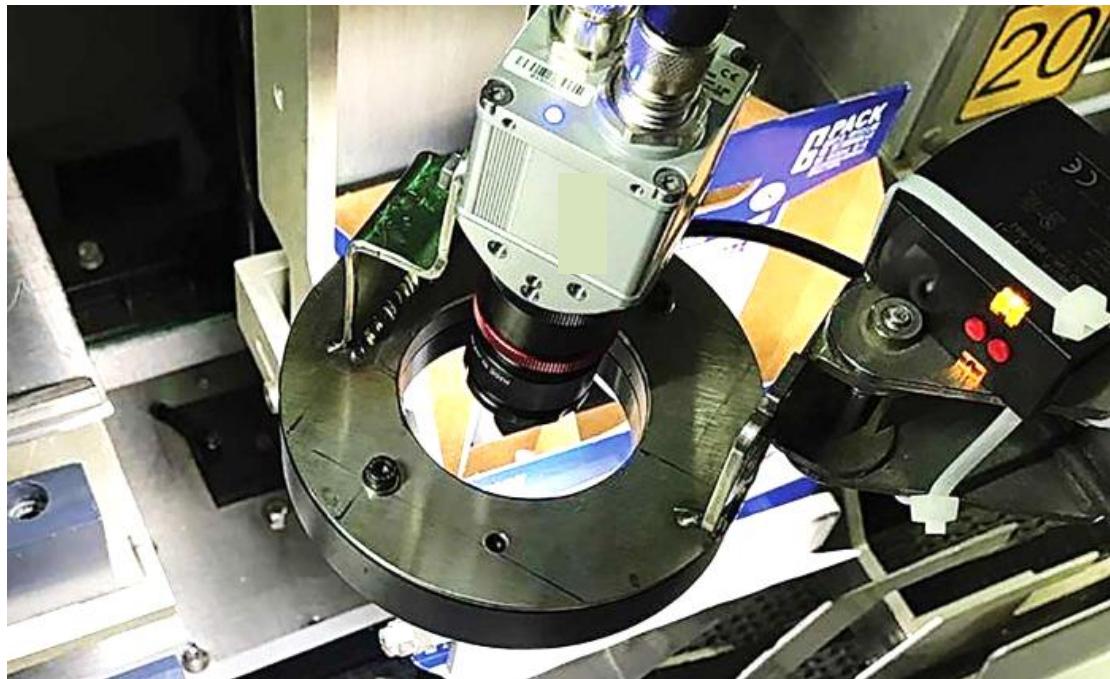
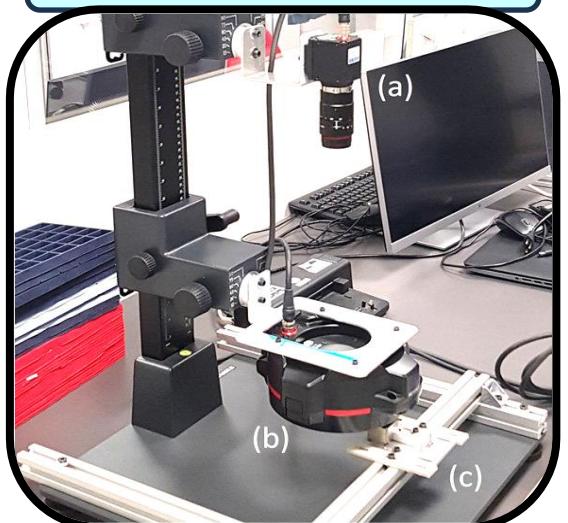
Siemens Drive/HMI



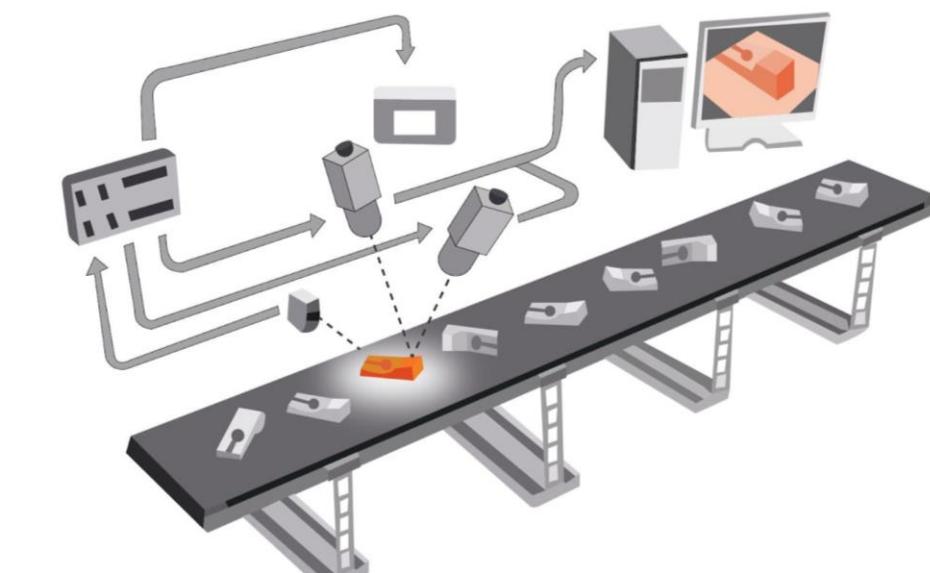
Control Cards

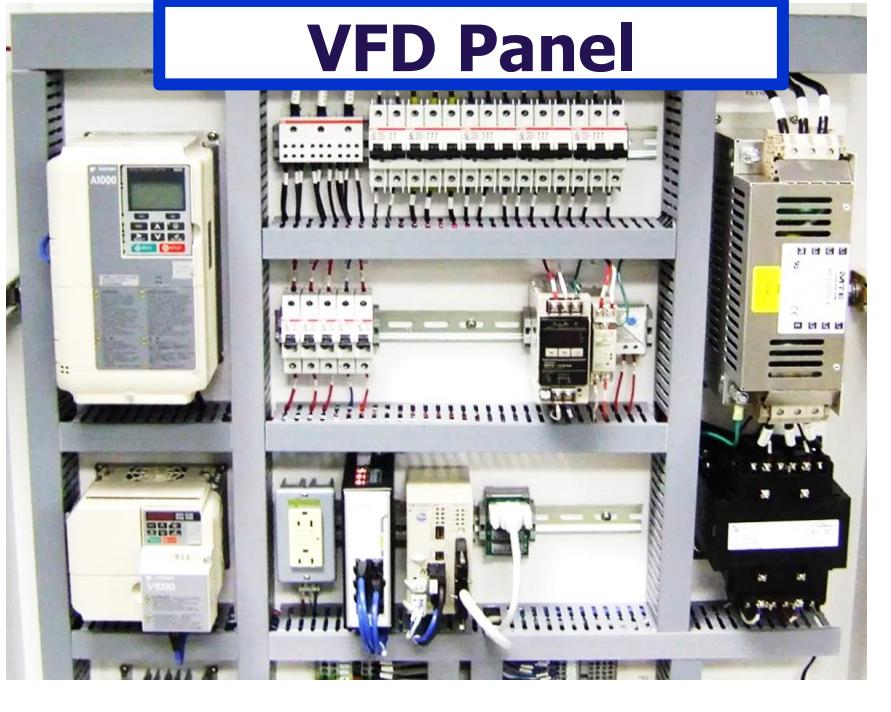


Vision System



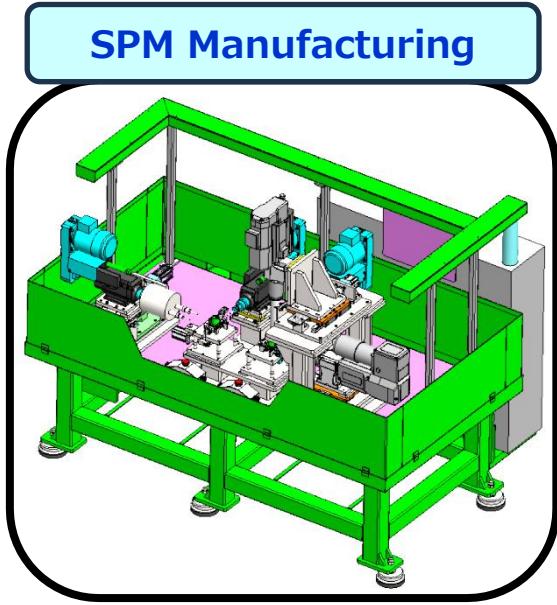
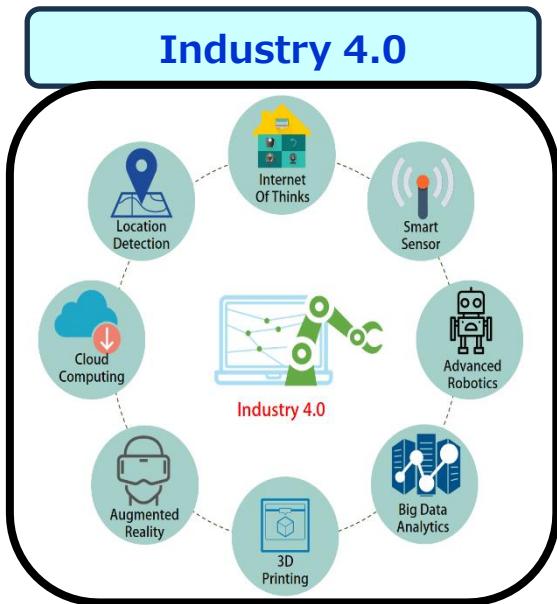
3D Scan Camera



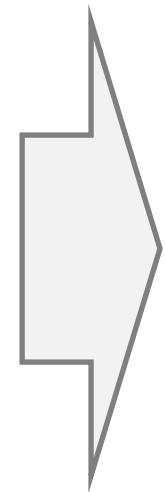
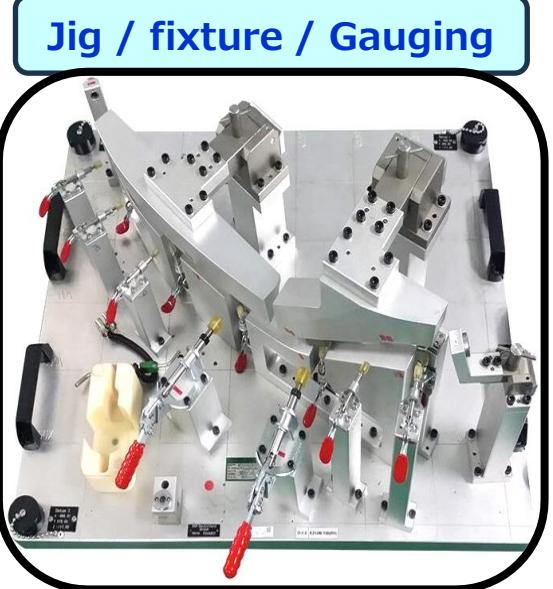


Service Lines & Solutions

SAYA
MEN BEHIND MACHINE



Scope	Data Collection	Data Analysis
<p>INDUSTRY 4.0</p> <p>INDUSTRY 4.0</p> <p>Diagram illustrating the scope of Industry 4.0, showing a smartphone connected to various industrial and smart home components via a network of icons representing data flow.</p>	<p>Data Matrix</p> <p>Photograph of a conveyor belt with packages, one of which has a yellow circle highlighting a Data Matrix barcode.</p>	<p>Sensors: MEMS Sensor, Photonic Sensor, Nano Sensor, Analog Sensor, Digital Sensor</p> <p>Wireless Connectivity: Satellite, GSM / CDMA, Radio Frequency (802.15), WiFi (802.11), Bluetooth, ZigBee</p> <p>Data Access: Mobile, Local computing, Central computing</p> <p>Diagram illustrating the data analysis process, showing sensors, wireless connectivity, and data access points.</p>
<p>Pressing m/c</p> <p>Pressing m/c</p> <p>Photograph of a vertical pressing machine with multiple vertical bars and a control panel.</p>	<p>Insert Press M/c</p> <p>Insert Press M/c</p> <p>Photograph of an insert press machine with a control panel and a work area.</p>	<p>Quality Check M/c</p> <p>Quality Check M/c</p> <p>Photograph of a quality check machine with a control panel and a work area.</p>



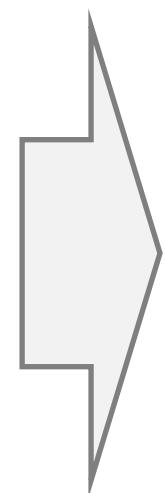
Slider system



Comp. Fixture



Gauge



Leak Testing



Gasket Assy Stn



Visual Check Stn



Conv Manufacturing



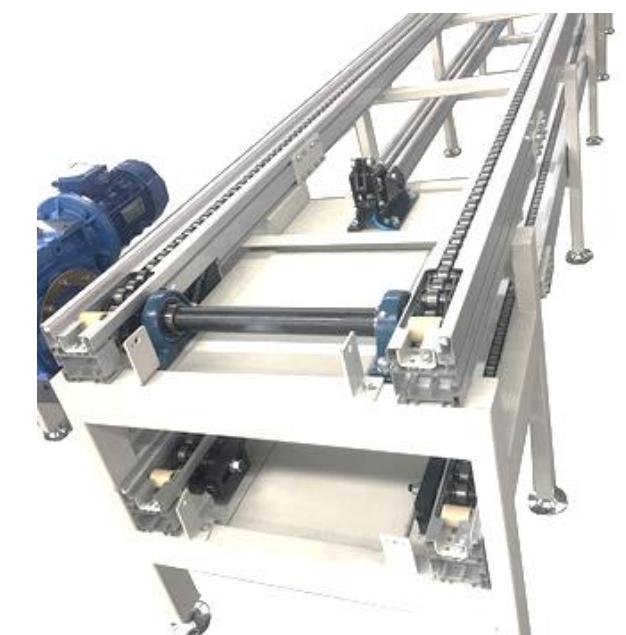
Belt Conveyor



Roller Conveyor



Chain Conveyor



Pick & Place Setup



Vacuum Option



Bowl Feeder Opt.



Actuator Option



- **Rich Industry Experience:** A blend of both **foreign** and **Indian** engineering expertise.
- **Versatile Engineering Expertise:** We provide solutions across various automation challenges.
- **Aligned with National Goals:** Our company shares the vision of **Make in India**.
- **24-Hour Online Support:** We offer round-the-clock assistance to ensure your production stays on track.
- **Strong Post-Sales Support:** Our team is dedicated to providing ongoing support even after the sale.
- **User-Friendly and Maintenance-Free Designs:** Our machines are designed to minimize downtime and maximize ease of use.
- **Best ROI Duration:** With a focus on financial efficiency, our solutions ensure quick returns on investment.

Our Infrastructure

SAYA
MEN BEHIND MACHINE

Front View	Entrance	Bike Parking	Main Office	Admin/Designing
				
Shop Floor	Milling	Grinder	Lathe	Store
				
Assembly Area	Complementary tools	Dispatch Area		
				

Our Successfully Delivered Projects

- **Wire recoiling machine** for Yazaki India Pvt. Ltd.
- **Leak Testing fixture** for SPD models of Lumax Industries
- **Auto tape wrapping** machine for Yazaki India Pvt. Ltd.
- **Leak testing setup** for 0.375 Kpa by HIRAYS smart leakage testing system
- **Auto wheel advance setup** on surgical blade grinding machine for Paramount & Jai Surgical
- **Hot milling soldering fixture** for Jio & Airtel Wi-fi boxes for Amber
- **Fine boring poka-yoke** setup by Keyence LRZ sensor for Sunbeam LWS Gurgaon
- **Insert insertion machine** for commercial electric meter of PTS (Amber Group)
- **Wire twisting machine** horizontal to vertical for Yazaki India Pvt. Ltd.
- **Nail Punching assembly** machine for Groz Tools
- **Auto foam cutting** machine made for Auto foam industry
- **Pneumatic slider setup** for Federal Mogul Tenneco
- **Wire length fixture** & automation for Lumax Industries
- **Bowl feeder setup** given for sleeve assembly to Yazaki India Pvt. Ltd.
- **Pipe cutting machine** made for Green fuel industries
- **Automatic Soldering Robo** for Lightning Industries
- Approx 5+ **ANDON System** successfully installed
- Approx 425+ **Fixture / Gauge** successfully delivered to Hanon / Lumax etc.
- Approx 50+ **PLC panel retrofitting** done in paramount / Sunbeam etc.
- Approx 20 Nos **Belt & Roller conveyors** delivered to Groz tools
- Approx 15 Nos **actuator base pick & place** setup (Mini Robo) given to different-different industries

(Major Projects)

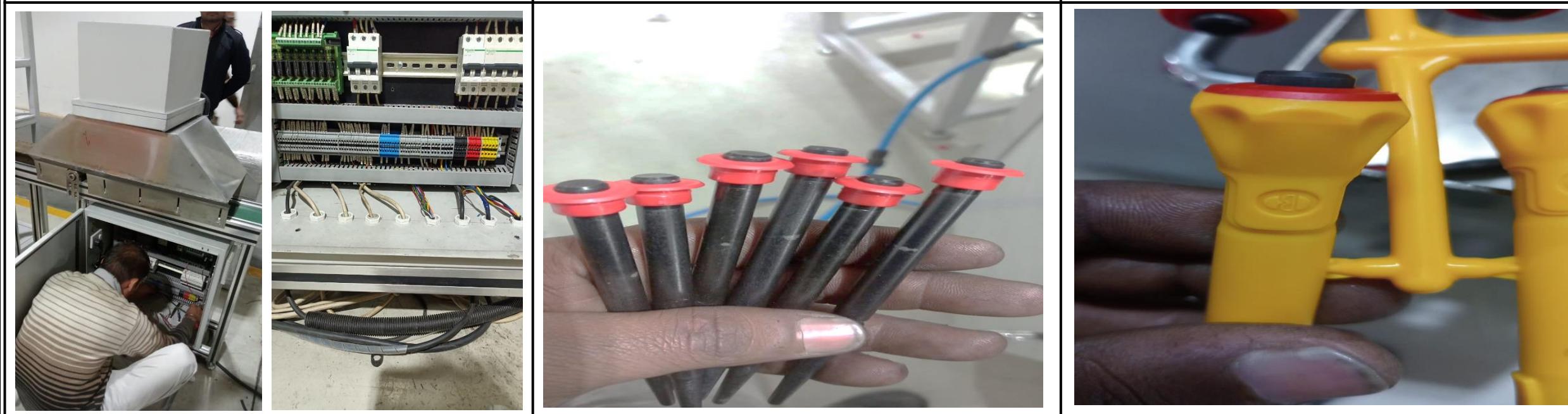
Project Detail

Customer Name	Groz Tools
Industry Type	Manufacturer of tools
Location	Khushkhera
Type of Work	Machine Manufacturing
Application Type	Process Automation
Application	Nail Punch Assembly
Cycle Time	34 Sec.
Installation	Completed

Manufacturing & Site Photographs



Machine Photo



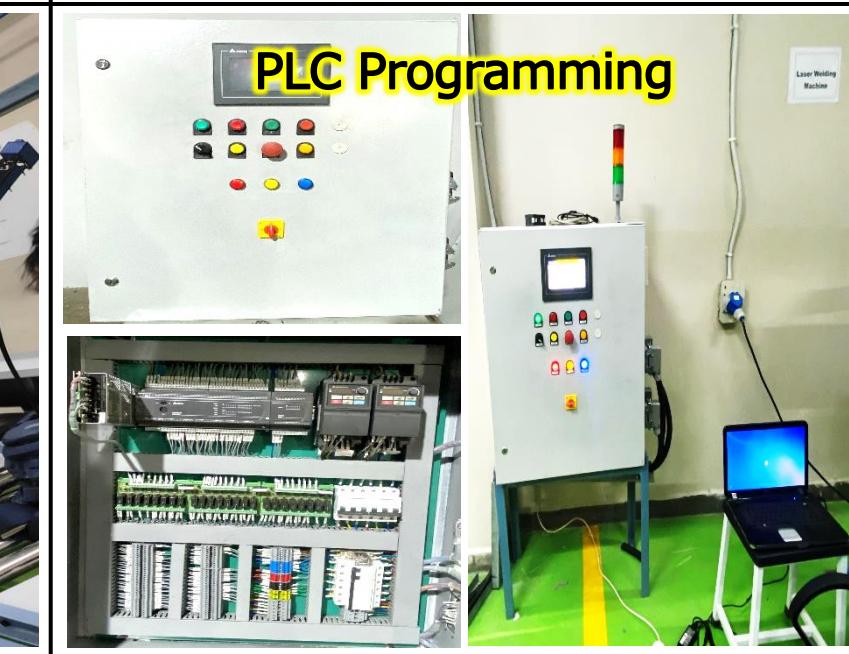
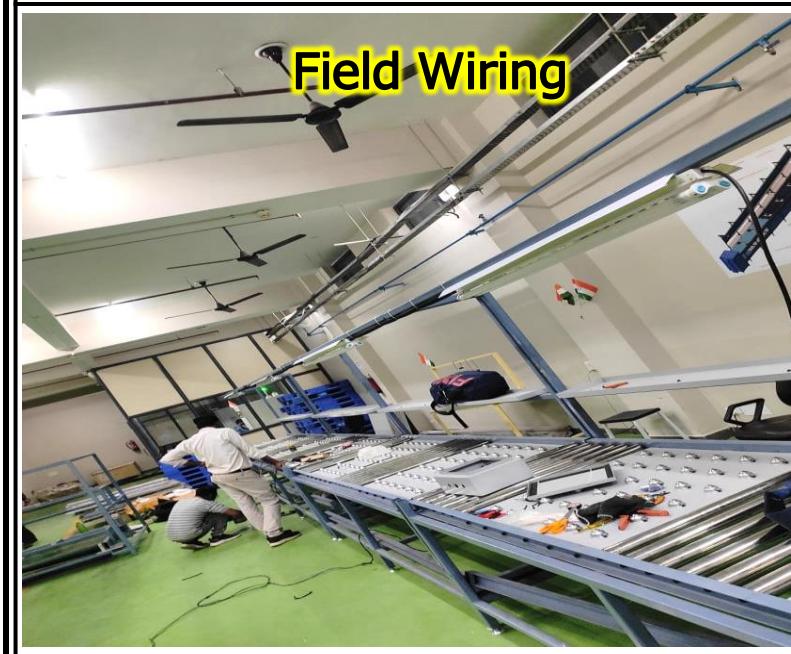
Project Detail

Customer Name	Getsun Power
Industry Type	Battery Manufacturer
Location	Noida
Type of Work	Conveyor Manufacturing
Application Type	Process Automation
Application	Battery Testing Conveyor
Cycle Time	13 Min.
Installation	Under Progress

Manufacturing & Site Photographs



Machine Photo

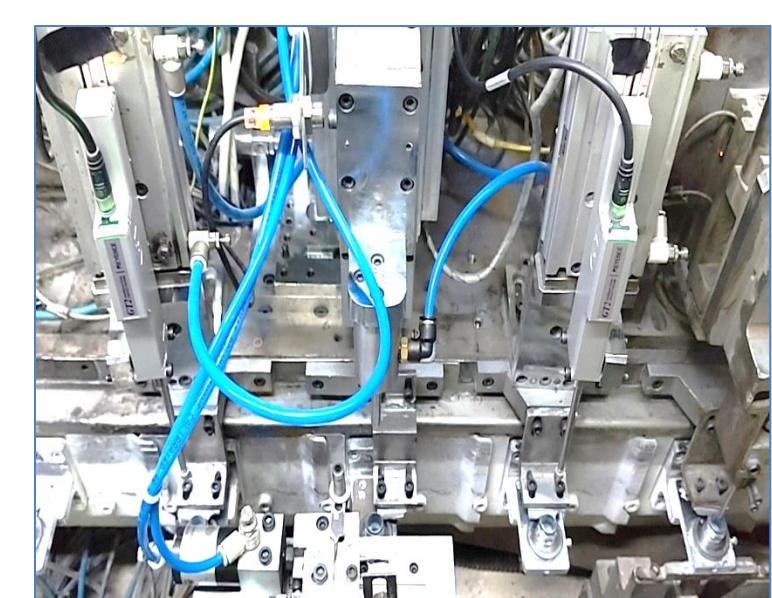
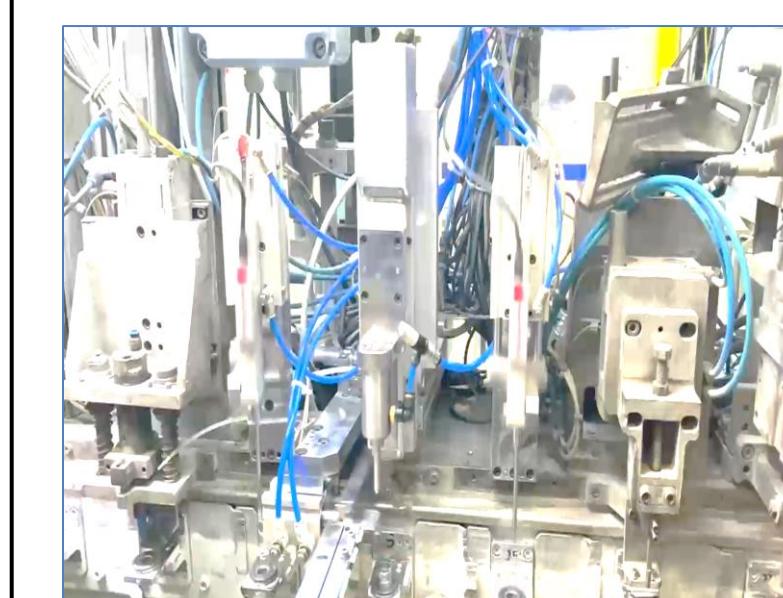
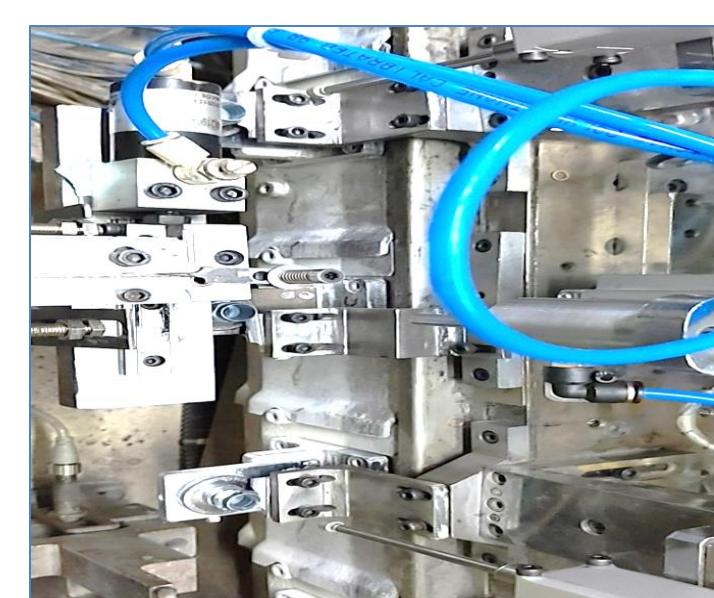
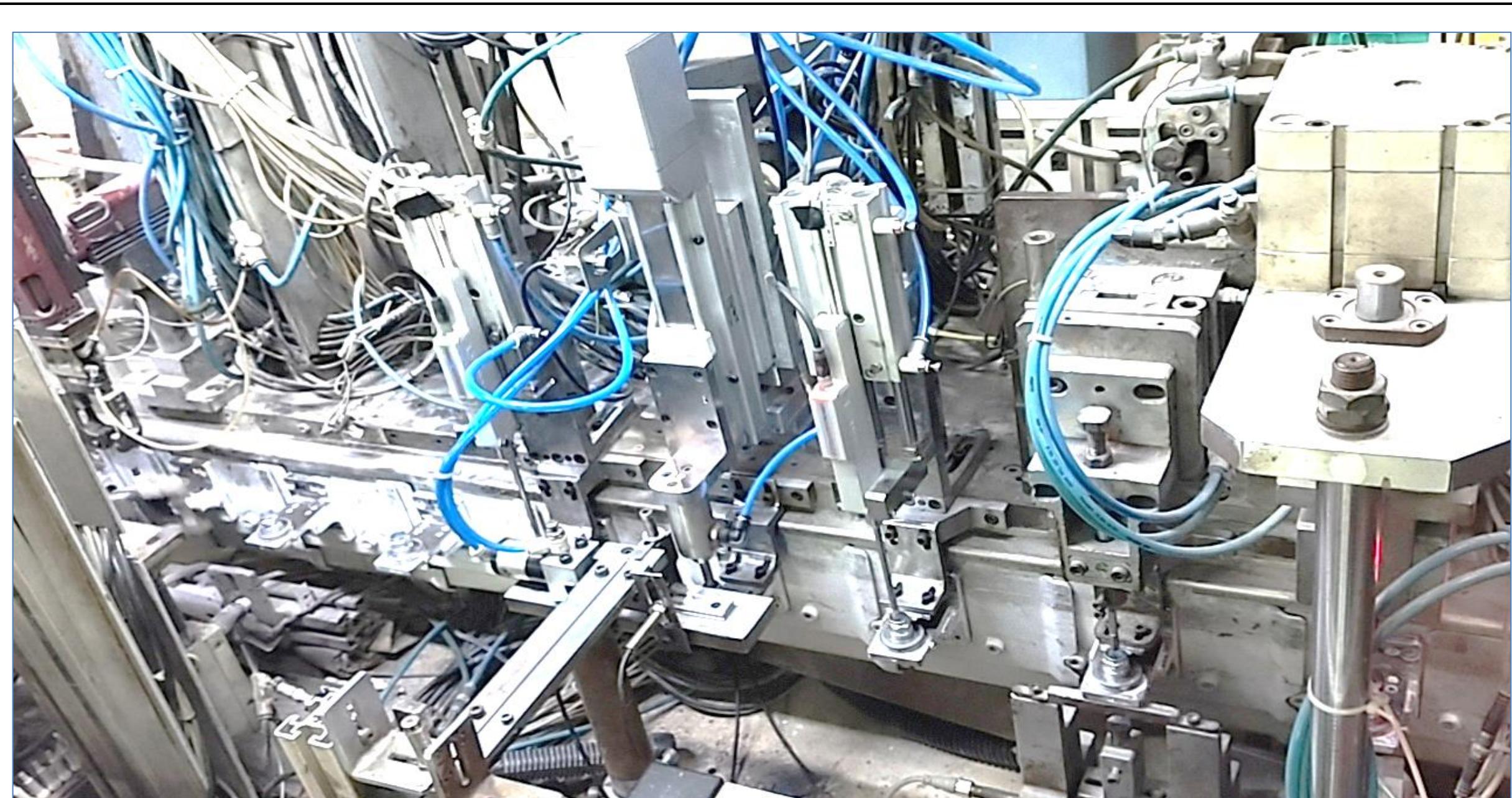
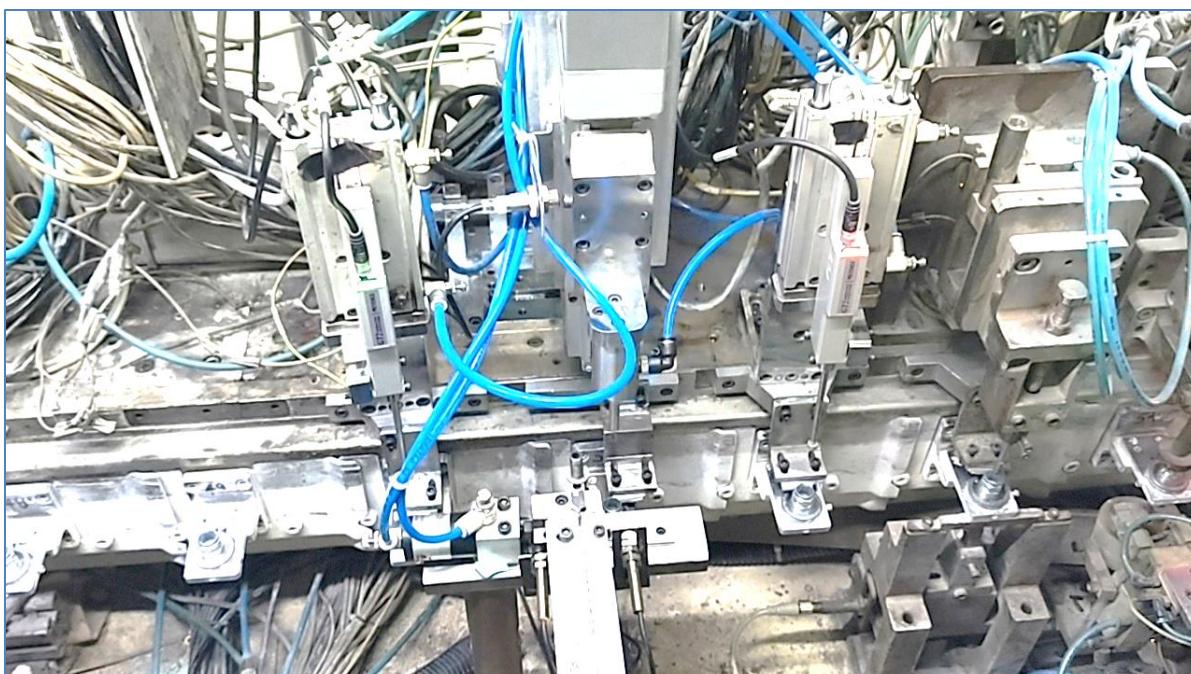


Project Detail

Manufacturing & Site Photographs

Customer Name	Federal Mogul Tenneco
Industry Type	Spark Plug Manufacturer
Location	Bhiwadi
Type of Work	System Integration
Application Type	Process Automation
Application	Gasket Pick & Place
Cycle Time	1.5 Sec.
Installation	Completed

Machine Photo



Project Detail

Customer Name	Yazaki India Pvt. Ltd.
Industry Type	Wire Harness Manufacturer
Location	Bhiwadi
Type of Work	Machine Manufacturing
Application Type	Process Automation
Application	Wire Recoiling
Cycle Time	Variable
Installation	Completed

Manufacturing & Site Photographs



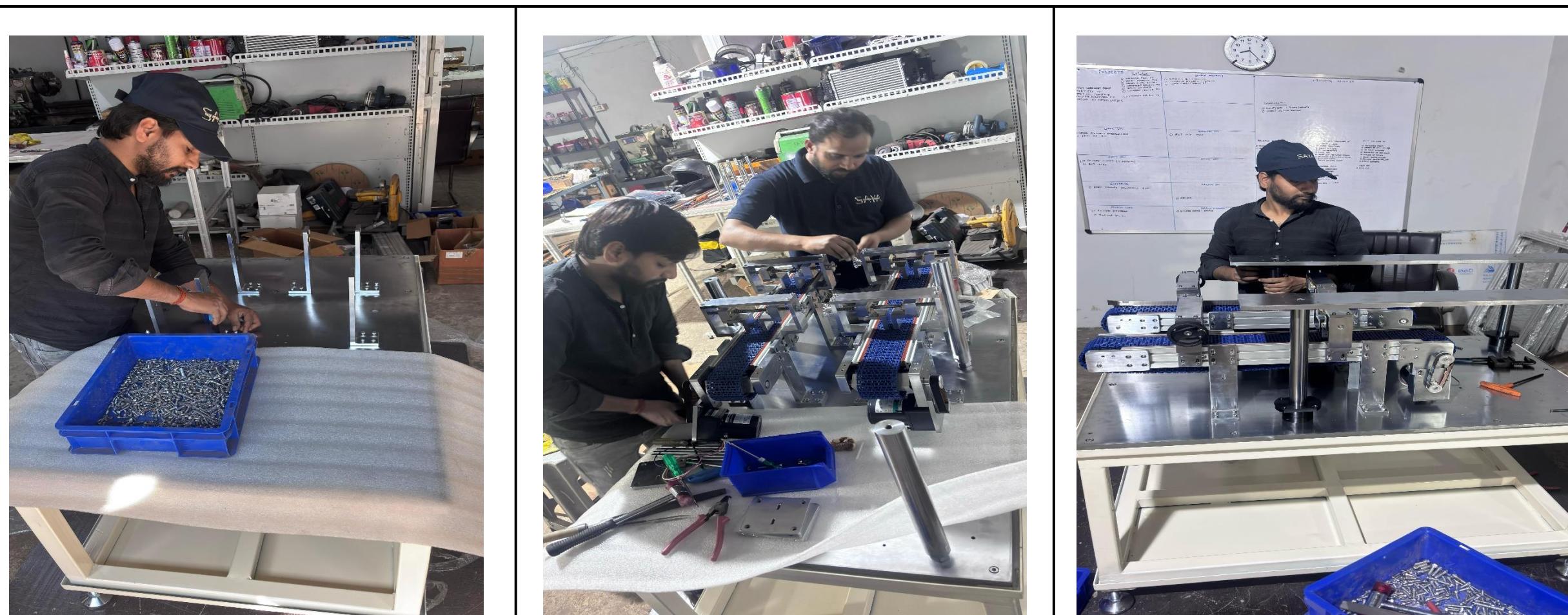
Machine Photo



Project Detail

Customer Name	JTEKT –KOYO Bearing India Pvt. Ltd.
Industry Type	Bearing Manufacturer
Location	Bawal
Type of Work	Machine Manufacturing
Application Type	Process Automation
Application	Eddy Current Testing & component shift to next station
Cycle Time	8 Sec.
Installation	Under Progress

Manufacturing & Site Photographs



Machine Photo



Project Detail

Customer Name	Lumax Industries Ltd.
Industry Type	Head / Tail Lamp Manufacturer
Location	Dharuhera
Type of Work	POKA - YOKE
Application Type	ANDON
Application	Assembly Station Poka-Yoke
Cycle Time	10 Sec.
Installation	Completed

Machine Photo

HI-KOZA POKA YOKE ANDON BOARD					
Sr. No.	Station Name	Poka-Yoke	OK	NG	Bypass
1	PUSH NUT	WASHER SENSOR 01	●	●	●
		WASHER SENSOR 02	●	●	●
2	HOSUING SUB ASSY.	PART PRESENCE	●	●	●
		PCB COVER	●	●	●
3	PCB FITMENT.	PART PRESENCE	●	●	●
		PCB PRESENCE	●	●	●
4	AIMMING STN	PART PRESENCE	●	●	●
		PIVOT SENSOR	●	●	●
5	EXTENSION	PART PRESENCE	●	●	●
		PART PRESENCE	●	●	●
6	ROBOT STN	PART PRESENCE	●	●	●
		LENS PRESENCE SENSOR	●	●	●
		TEMP.	●	●	●
7	LEAKAGE STN	PART PRESENCE	●	●	●
		VENT CAP NETTO	●	●	●
		BREATHER CAP	●	●	●
8	LIGHT TESTING STN	PART PRESENCE	●	●	●
		VENT CUP 01	●	●	●
		VENT CUP 02	●	●	●
9	FINAL STN	PART PRESENCE	●	●	●

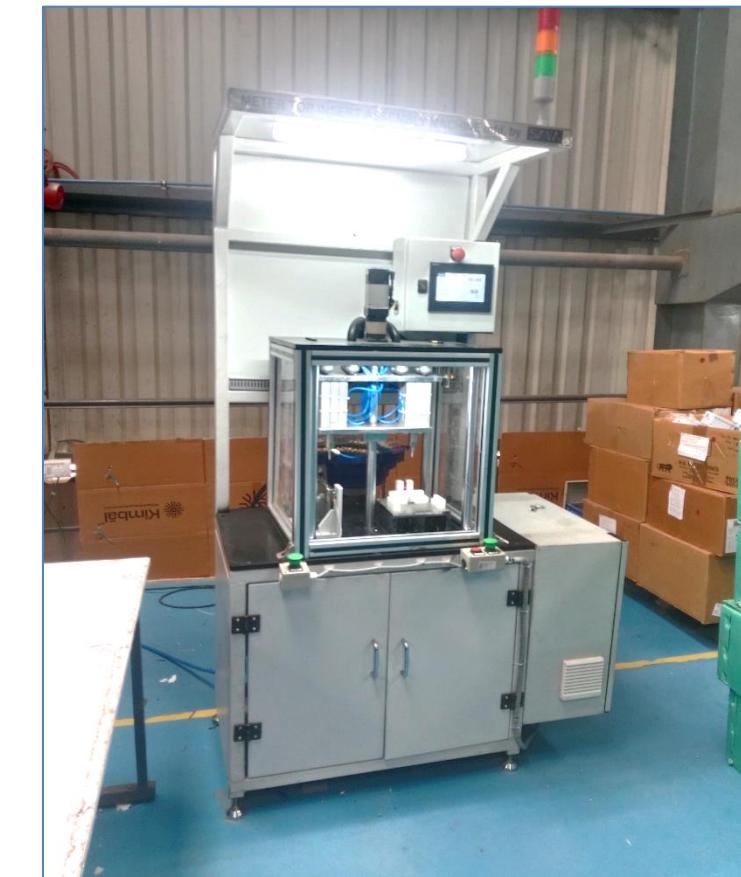
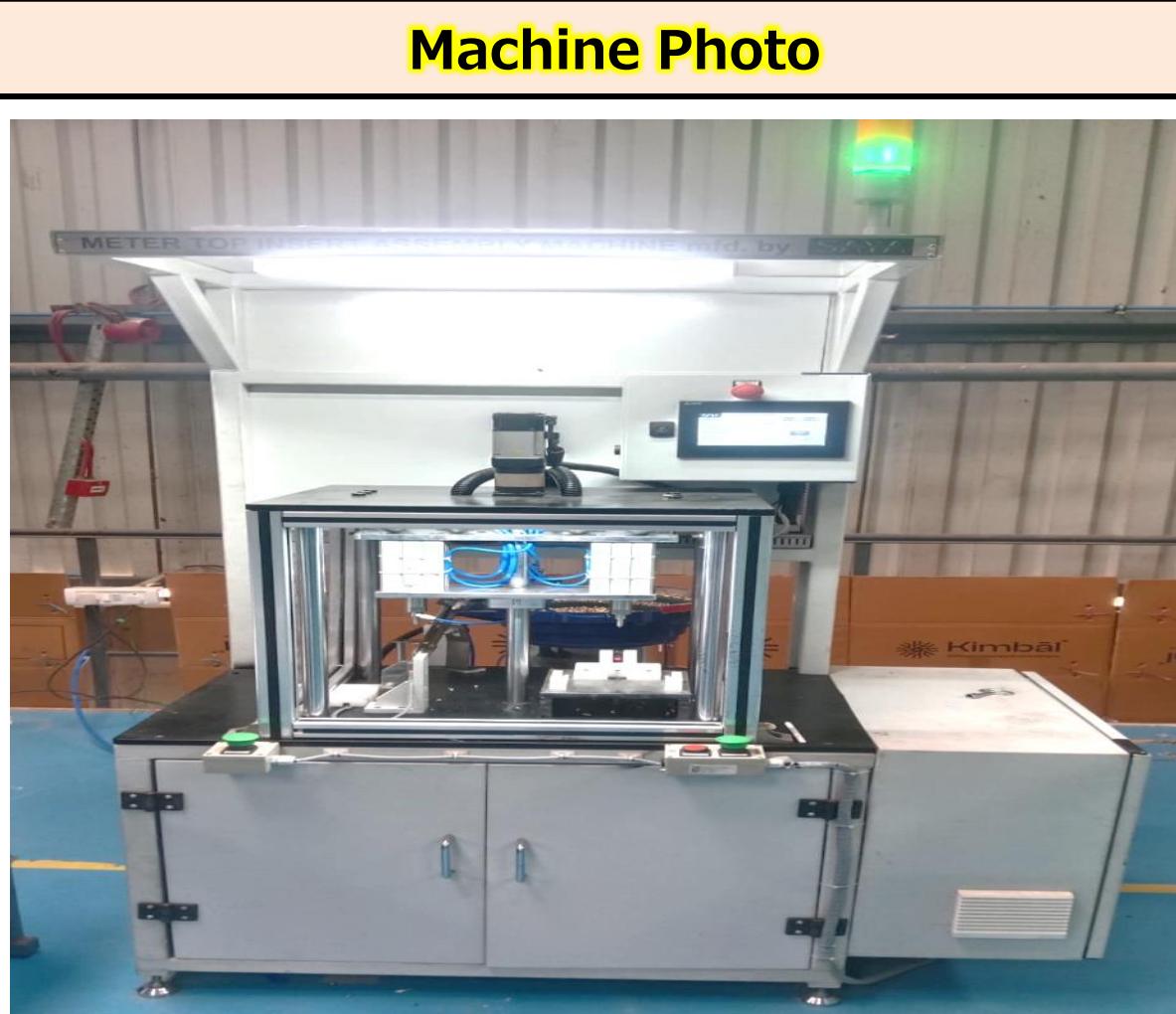
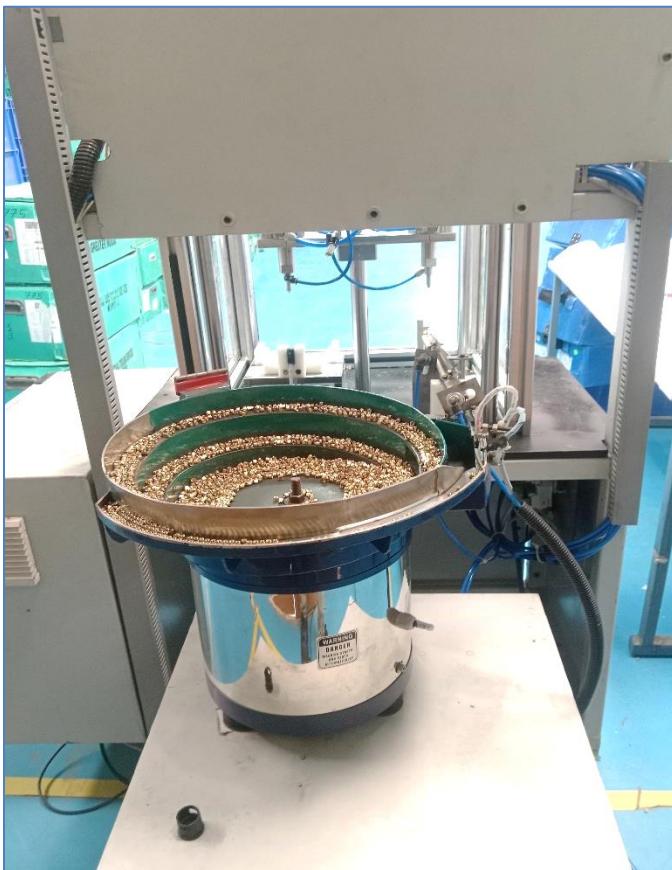
Manufacturing & Site Photographs



Project Detail

Customer Name	Pravartaka Tooling Services
Industry Type	Plastic Injection Molding
Location	Manesar
Type of Work	Machine Manufacturing
Application Type	Process Automation
Application	Meter insert pick & fit
Cycle Time	4 Sec.
Installation	Completed

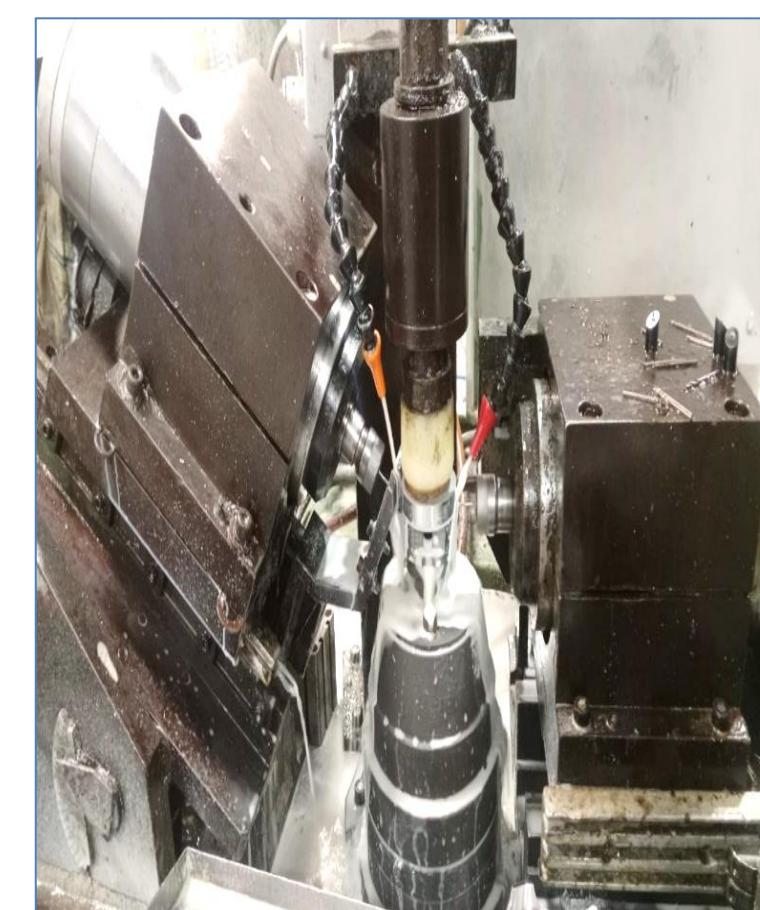
Manufacturing & Site Photographs



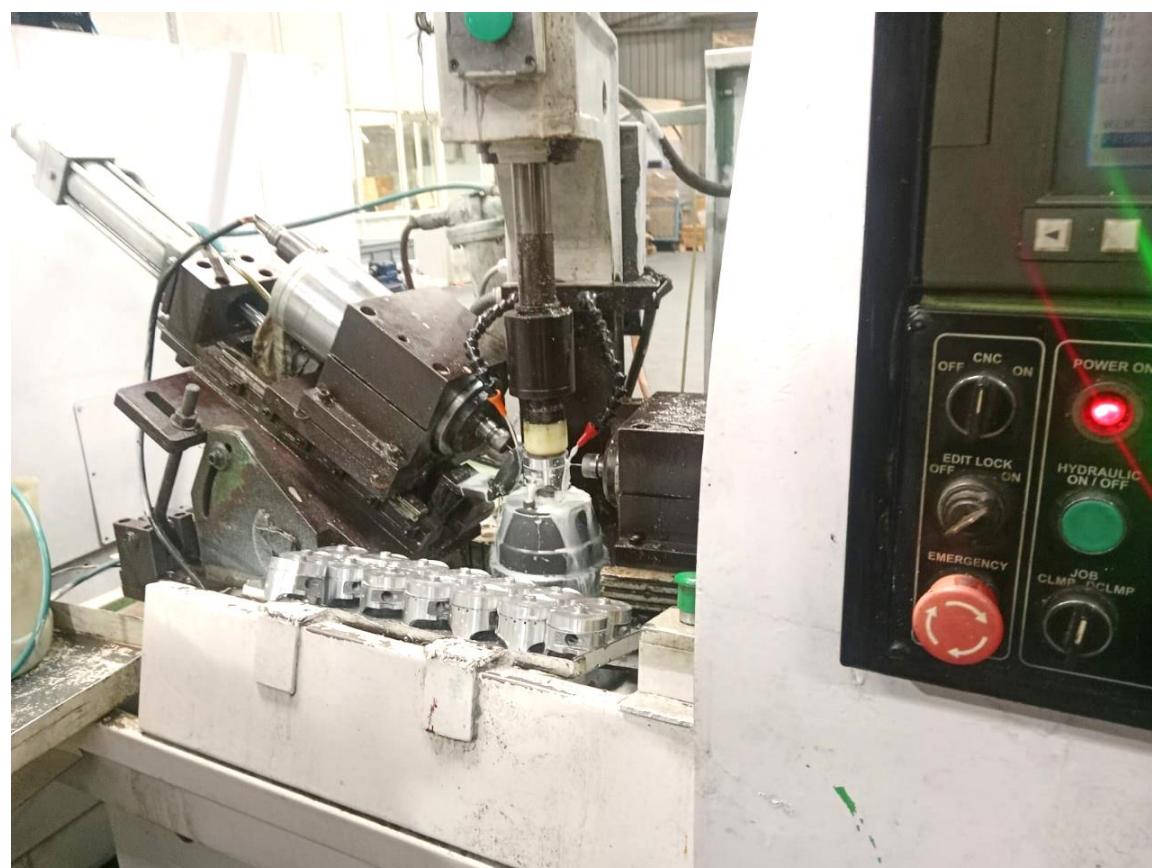
Project Detail

Customer Name	Sunbeam Lightweighting Solutions Pvt. Ltd.
Industry Type	Auto Parts Manufacturer
Location	Bhiwadi
Type of Work	POKA - YOKE
Application Type	Process Automation
Application	Oil Hole Poka-Yoke
Cycle Time	5 Sec.
Installation	Completed

Manufacturing & Site Photographs



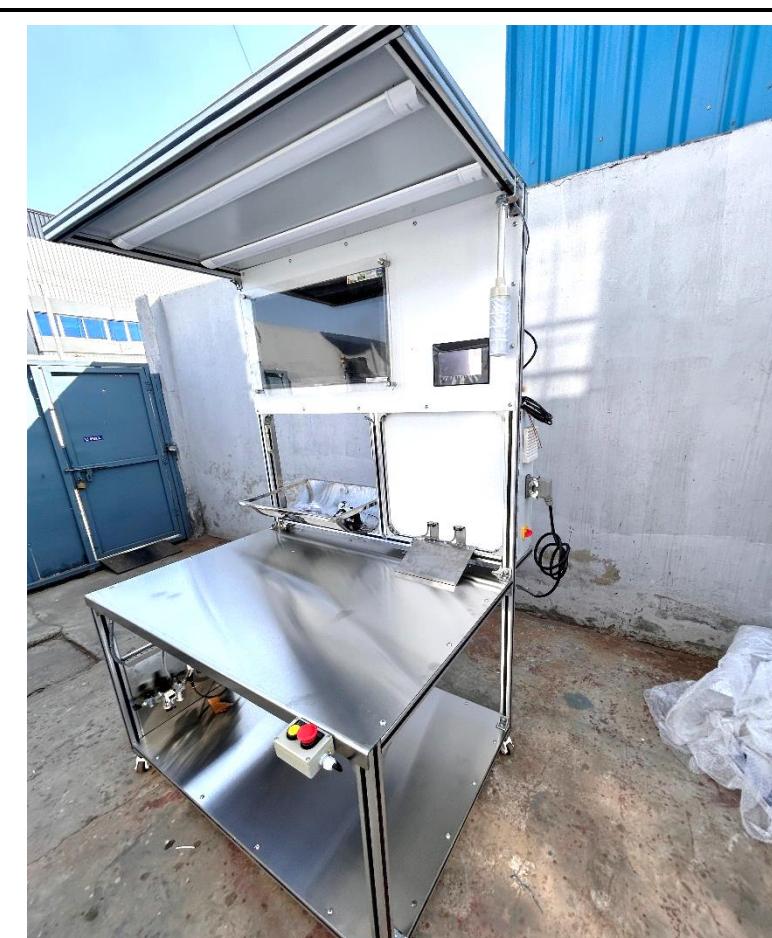
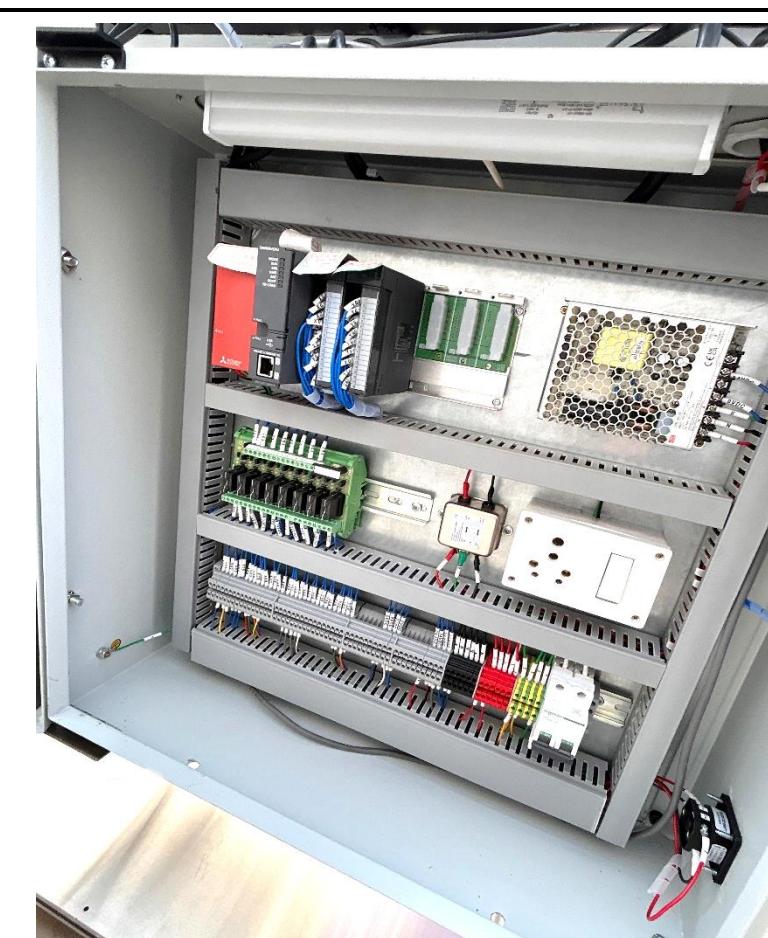
Machine Photo



Project Detail

Customer Name	Hanon Climate Systems India Pvt. Ltd.
Industry Type	Auto Parts Manufacturer
Location	Bhiwadi
Type of Work	Station Manufacturing (3 Nos)
Application Type	Process Automation
Application	Parts Assly & Testing Station
Cycle Time	21 Sec.
Installation	Completed

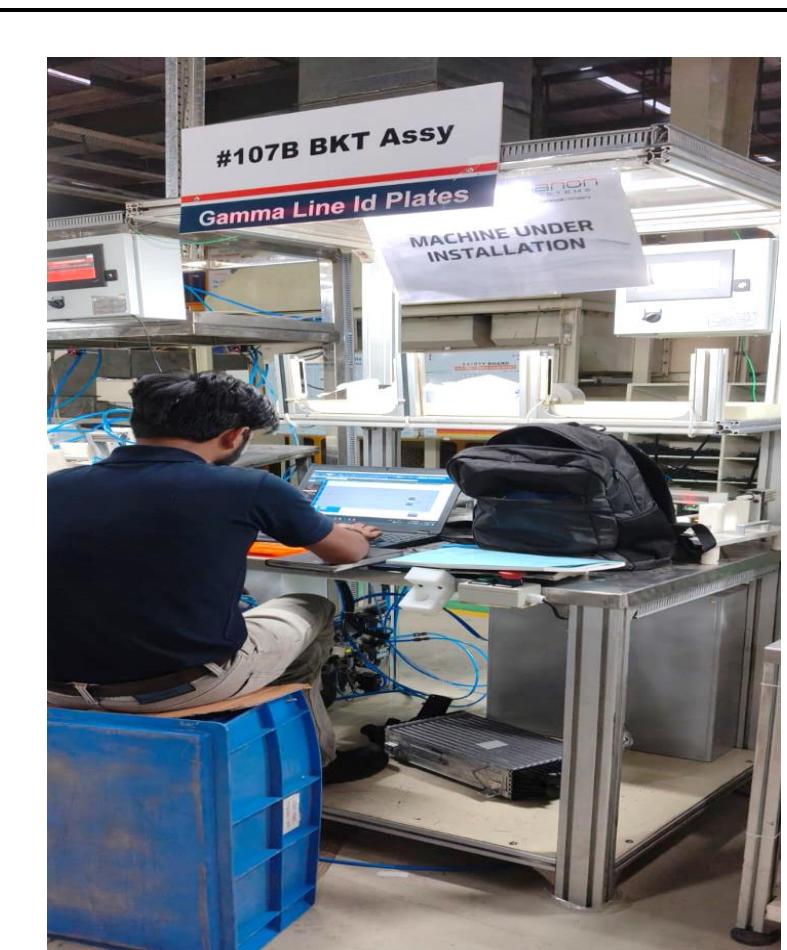
Manufacturing & Site Photographs



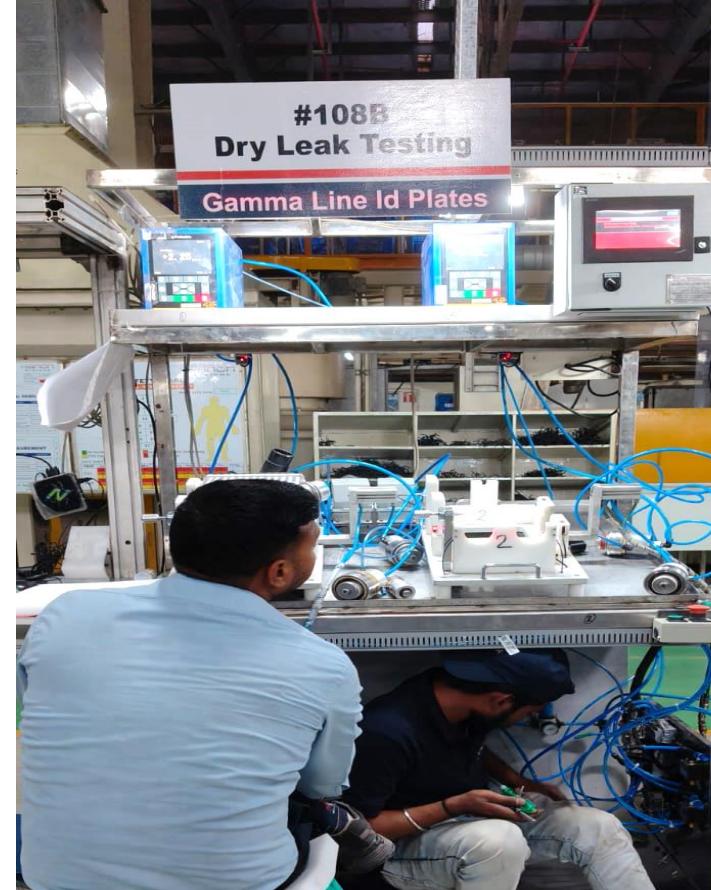
Project Detail

Customer Name	Hanon Climate Systems India Pvt. Ltd.
Industry Type	Auto Parts Manufacturer
Location	Bhiwadi
Type of Work	Station Manufacturing (4 Nos)
Application Type	Process Automation
Application	Parts Assly & Testing Station
Cycle Time	19 Sec.
Installation	Completed

Manufacturing & Site Photographs



Machine Photo

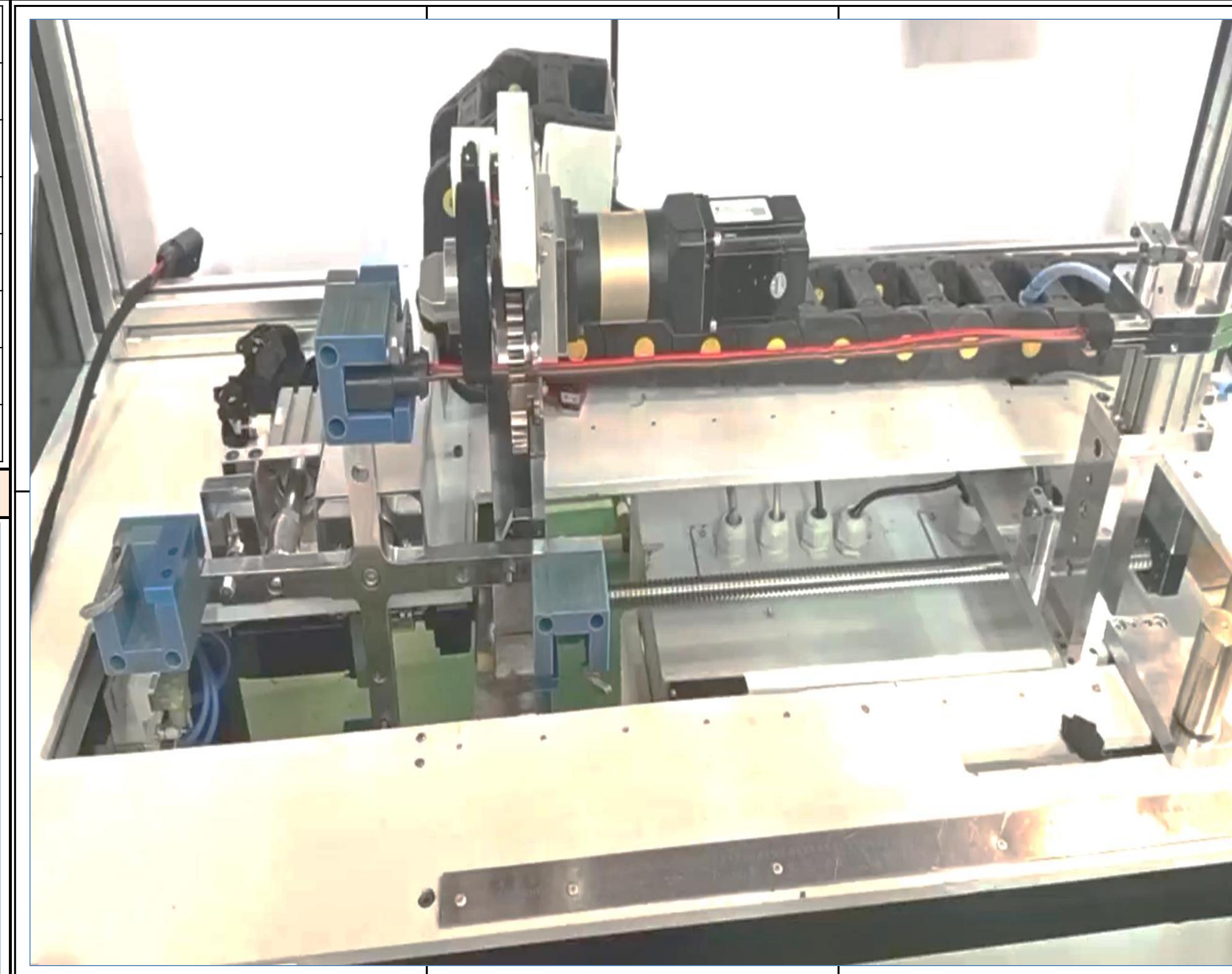
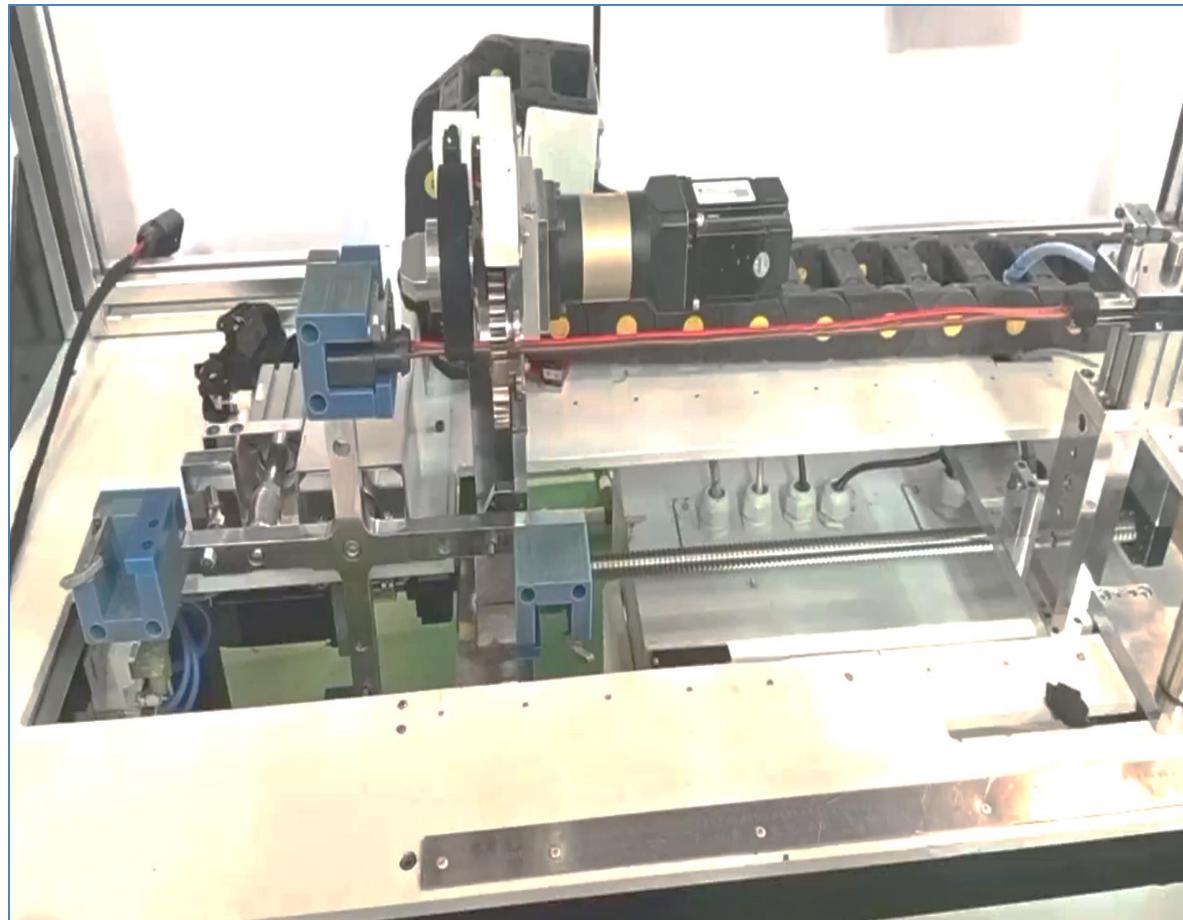


Project Detail

Manufacturing & Site Photographs

Customer Name	Yazaki India Pvt. Ltd.
Industry Type	Wire Harness Manufacturer
Location	Bhiwadi
Type of Work	Machine Manufacturing
Application Type	Process Automation
Application	Tape Wrapping in wire
Cycle Time	19 Sec.
Installation	Completed

Machine Photo



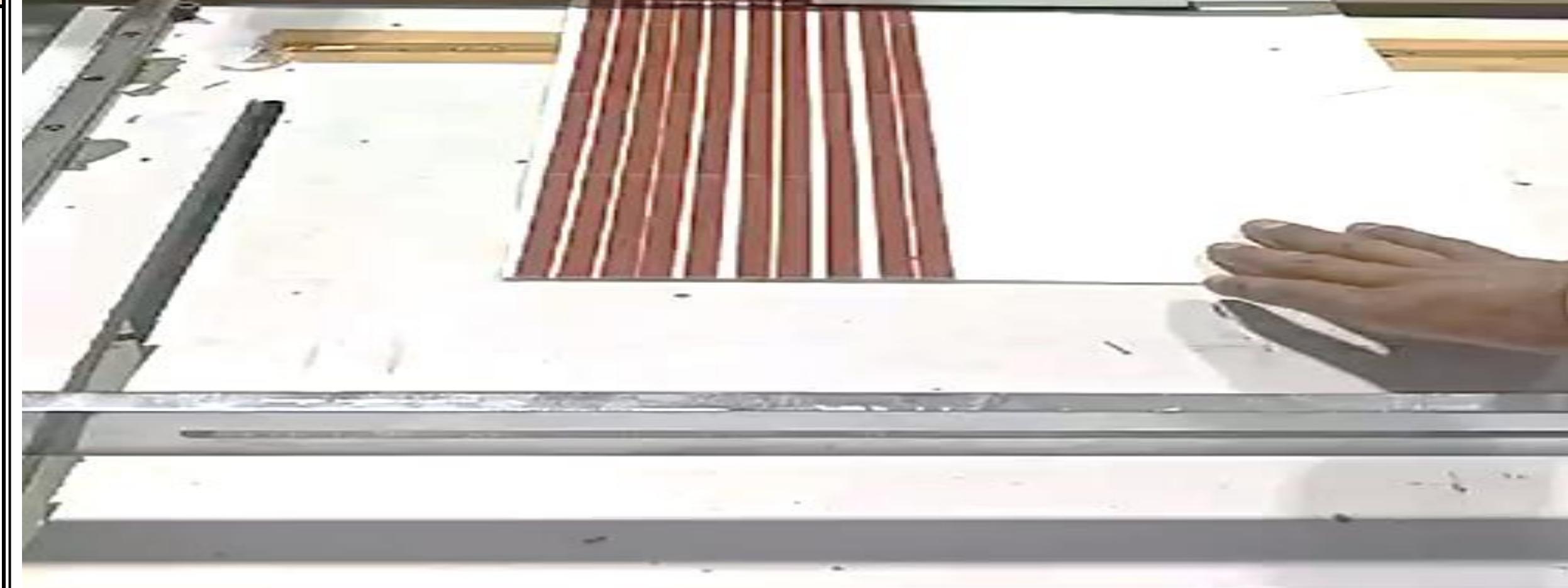
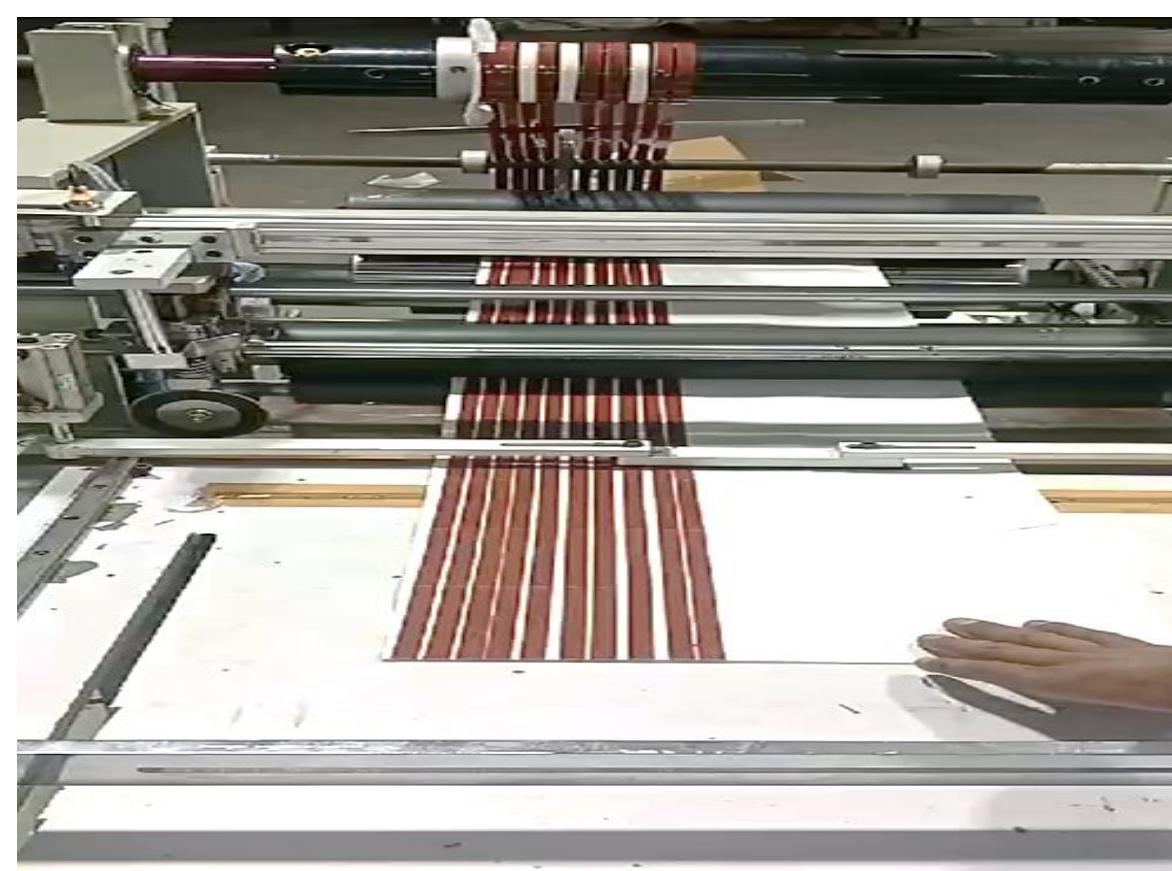
Project Detail

Manufacturing & Site Photographs

Customer Name	Auto Foam
Industry Type	Auto Parts Manufacturer
Location	Khuskhera
Type of Work	Machine Manufacturing
Application Type	Process Automation
Application	Tape Length Cutting m/c
Cycle Time	5 Sec.
Installation	Completed



Machine Photo

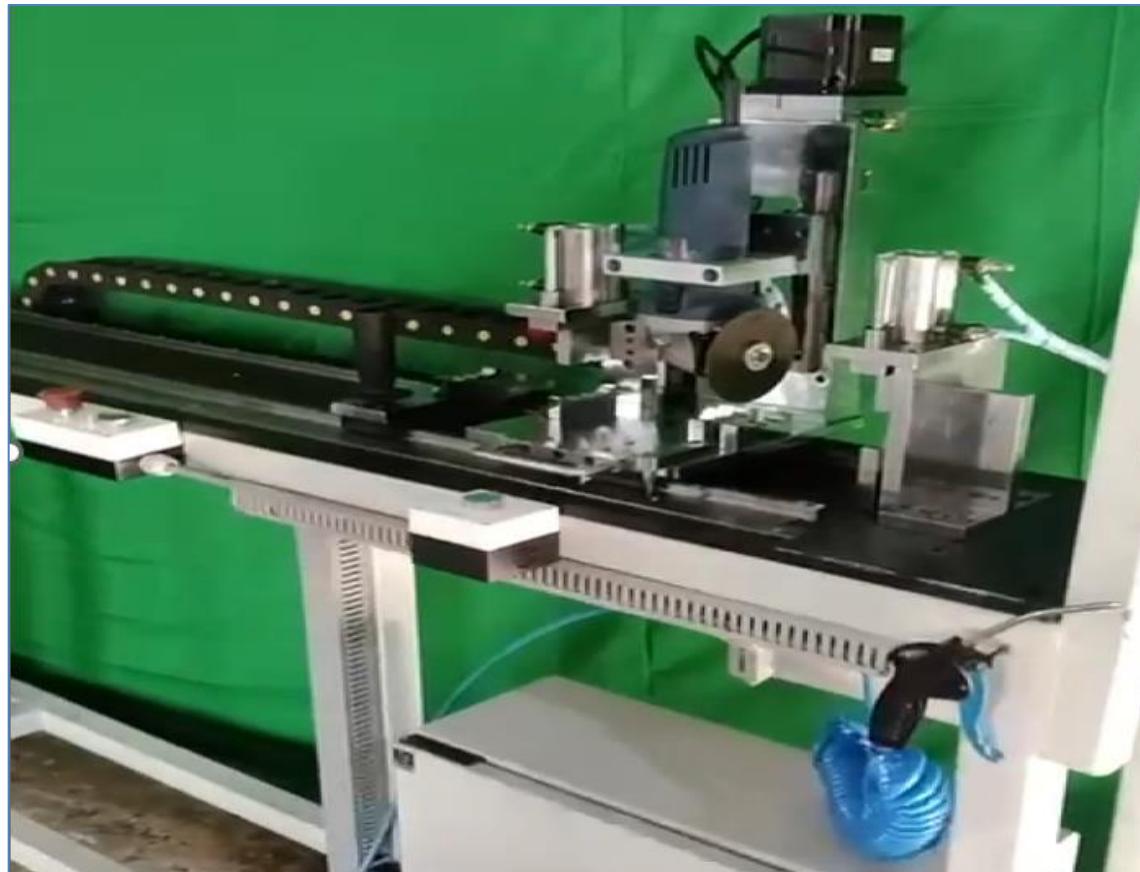


Project Detail

Manufacturing & Site Photographs

Customer Name	Greenfuel Energy Solutions Pvt. Ltd
Industry Type	CNG/LNG/Hydrogen Components
Location	Manesar
Type of Work	Machine Manufacturing
Application Type	Process Automation
Application	Tube Cutting
Cycle Time	19 Sec.
Installation	Completed

Machine Photo



Our Valuable Partners

SAYA
MEN BEHIND MACHINE

CKD



MITSUBISHI ELECTRIC



Leadshine

PEPPERL+FUCHS

Fuji Electric

HAVELLS

SMC



FANUC



OMRON



invt



Schneider Electric



FESTO



BHARTIA
BCH

Autonics



HIWIN
Motion Control & System Technology



LAPP

POLY CAB
WIRES & CABLES



YUKEN

THK
The Mark of Linear Motion

COGNEX

SELEC
Creating Best Value



PHOENIX CONTACT

Sumitomo
Drive Technologies

LET'S CONNECT



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**“ Looking forward to working
with You ”**



THANK YOU

SAYA Industrial Automation Pvt. Ltd