

COMPANY PROFILE

Mechatronic Systems has designed and manufactured various systems like

**Pick & place manipulators,
Pick & Place Robots,
Automatic & semi-automatic testing systems,
Handling Systems,
Nut runners,
Ultrasonic Test Rigs,
Leak Testing Machines,
SPM's,
Fixtures, etc.**

We are working in different DIVERSIFIED fields like

**Automobile,
Textile,
Steel,
Pharmaceutical,
Forging
Paper,
Process.**

List of our esteemed CUSTOMERS in India:

1. Ashok Leyland Ltd.
2. Ashok Iron Works Ltd.
3. Auram Machines Pvt. Ltd.
4. Atlas Copco India Ltd.
5. Bharat Forge Ltd.
6. ED steels Ltd.
7. EKC Ltd.
8. LK Cottons Pvt. Ltd.
9. L & T Ltd.
10. LMW Ltd.
11. Mahindra & Mahindra Ltd.
12. M J woods Pvt. Ltd.
13. Rohan Industries.
14. Siemens Ltd.
15. S V Robotics & Automation India Pvt. Ltd.
16. S. H. P. C. Ltd.
17. Tata Motors Ltd.
18. Ultra Precision Spindles Pvt. Ltd.

We have supplied systems in **India, Dubai, China.**

List of some important projects among others we have done till date:

Sr. No.	Project Name
1.	Cylinder Blocks handling manipulator with 180 rotation mechanical gripper.
2.	Fixture for Nut runner application & validation of process.
3.	Hydraulically operated fixture and walking beam conveyor system for handling of axle beams at the UV Testing Station.
4.	Single Selector Mechanism for handling of crankshaft at UV Testing Station.
5.	Tractor Cylinder Block handling manipulator.
6.	Tractor Wheel Reduction Housing & Trumpet Housing Manipulator.
7.	Carton box handling manipulator with vacuum gripper.
8.	Special Purpose machine- Hydro pneumatic for deburring operation
9.	Two axis CNC machine for contour deburring operation.
10.	Water Spray Jet machine.
11.	Gravity Roller Conveyor for handling of finished cotton bale of length 52 meters.
12.	Packing of Cotton Balls SPM
13.	Belt Conveyor for removing pressed components from press.
14.	Tyre Loading Manipulator for loading of spare tyre on the vehicle.
15.	Zero Gravity System for Number Punching Machine.
16.	Multi spindle Nut runner for yoke loading in engine casing.
17.	Tractor Hub handling manipulator.
18.	Process line Automation for needle files.
19.	Pneumatic Lifter Table for assembly of trailing arm on vehicle assembly line.
20.	Pneumatic Manipulator with Vac. Gripper for vehical Roof Top.
21.	Manipulator for handling of inner guts of G600 gearbox.
22.	Manipulator for handling of G600 gearbox.
23.	Main Shaft Loading Manipulator on grinding machine.
24.	Ultrasonic testing for CNG cylinders online.
25.	Process Automation for cartoon box manufacturing.
26.	Air Leakage Testing system for CNG cylinders
27.	Steam cleaning & drying system for CNG cylinders
28.	Valve Fitment machine for CNG cylinders
29.	CNG cylinder handling manipulator for paint booth.
30.	CNG cylinder handling manipulators for weigh scale tear wt testing.
31.	CNG cylinder handling manipulator for ultrasonic testing.
32.	Auto Loader of CNG cylinders inside vehicle.
33.	Ultrasonic testing for CNG cylinders (Job length-12 mtrs.)
34.	Boring (Rough) machine for knuckle joint.
35.	Four Head Drilling Machine with indexer for crown wheel.
36.	High Speed Onsite grinding machine.

And many projects done till date in various sectors.