Introduction to Patil Automation Pvt. Ltd., Pune

your...finest automation partner

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Dedication
Passion for Excellence
Respect to each other
About us

Who we are?

We are an India based company founded with an objective of “Contemporary world class standards in Welding and Line Automation” Such as:
- Assembly Line Automation
- Robotic Welding Lines and Welding Cells
- Welding SPM’s
- Welding Fixture and Gauges.
- Special Purpose Machines.

Complete Automation Solution
About us

Our Team

Team of 300+ Qualified People
Exclusive in-house design Team
Dedicated Customer Support & Service Team
State of the Art Equipment's & un interrupted power supply
Our Vision and Mission

Vision:

Work Together as a team to “respect opinion and views of others”

Mission:

“Customers Satisfaction” is what we aspire for.
Our Goals

Customer Focus

Quick response to Customer needs

Superior Quality & Advanced Technology

Provide Superior / Cost effective System Solutions

On time Delivery & Installation Commitment

Enhance Customer Satisfaction

Proven Success
Quality Policy

Committed to enhance Customer Satisfaction

We are committed to achieving complete satisfaction of our customers by delivering products with high quality, competitive price & right time. This will achieve by team work and implementing Quality Management System. Continually improving its effectiveness.
Our Products

Line Automation
- Assembly Line / conveyors
- Robotic Inspection stations, vision inspection
- Pick & Place systems/Gantry
- Auto Assembly Stations

Robotic Line Cells
- Complete turnkey welding & handling solution, synchronized welding application.
- Spot/MIG/TIG welding Robotic cell
- Complete turnkey solutions

Welding SPMS
- Linear Welding SPM
- Circular Welding SPM
- Double End Drive Welding Lathe
- Weld Seamer/Spud Welder
- Butt Welding Press SPM

Special Purpose Machines
- Pneumatic/Hyd. Press / Revising cum insp. Jigs
- Camera vision insp. M/C
- Leak testing M/C / Marking M/C
- Twisting SPM

Jigs & Fixtures
- Inspection jigs. Revising cum inspection jigs.
- Complete turnkey solutions for manual welding line.
Line Automation

- Assembly Line Conveyors
- Material Handling
- Pick and Place
- Plasma Heating and Gluing
- End of Line Inspection.
Line Automation

- Seat Frame Assembly Line Conveyors
- Material Handling
- Pick and Place
- End of Line Inspection.

Complete Automated Assembly & Inspection Line Conveyor

- Assembly Line Conveyors
- Bowl Feeders
- Pick & Place
- Material Handling
- Vision inspection
- End of Line Inspection
Line Automation

- Automated Assembly Conveyor
- Automated Welding Line
Robotic Cell

- Welding for Heavy Components
- Indexing Units.

- Inverted Robot Cell
Robotic Cell

- Robotic welding Line with overhead gantry & gripper system for Chassis frame handling
Robotic Cell

- Plasma Heating and Gluing Robotic Cell
- MIG Welding Robotic Cell
Welding SPM

- Circular Welding SPM’s
  - Torch Rotary Welding SPM’s
  - Circular positioner SPM’s
  - TIG Welding SPM’s
Welding SPM
Welding SPM

- Linear Welding SPM
Special Purpose Machines

- Leak Testing, Number Punching and Pin Marking SPM, Sharing SPM
Special Purpose Machines

- Fuel Tank Butt Welding SPM, Spot Welding SPM
Special Purpose Machines

- Assembly SPM, Hole Punching SPM and Effort Testing SPM
TOE & CAMBER CHECKING SPM
Welding Fixtures and Jigs

- Manual Welding Fixtures and Inspection Gauges
Welding Fixtures and Jigs, Assembly Station

- Manual Welding Fixtures for Heavy parts
- Axle Assembly Station
Hydraulic, Hydro-Pneumatic Presses & Assembly SPM
Our Specialization (Two Wheeler-Scooter)

We have provided complete welding / assembly solution including sequential process – complete Turn Key Line

HANDLE
FENDER
FRAME
BATTERY BOX
REAR
FUEL TANK
CLUTCH PLATE
FRONT FORK
SIDE STAND
MAIN STAND
PILLION
MUFFLER
Our Specialization (Two Wheeler-Bike)

We have provided complete welding / assembly solution including sequential process – complete Turn Key Line
Our Specialization (Four Wheeler)

We have provided complete welding / assembly solution including sequential process – complete Turn Key Line

- Cross Car Beam (CCB)
- Seat Frame
- Seat Slider
- Seat Recliner
- Suspension
- Fuel Tank
- Exhaust System
- Doors Frame
- Steering Column & Shafts
- Engine Hanger Brackets
- Head Lamps Gluing
- Head Lamps Mounting Panel
- Front Suspension
- Fuel Line Clip Crimping
- A/C Condensor
- Body Parts Side Shield, Dash Panel
Our Specialization (Four Wheeler)

We have provided complete welding / assembly solution including sequential process – complete Turn Key Line.
Heavy Automotive and Non Automotive

- Wheel Chair
- Tractor Chassis
- Construction Equipments
- Refrigerator Compressor
- Electric Motor Stator Parts
- Harvester Parts
- Thermal Water Heater
- Earth Movers & Heavy Truck Parts
- Tractor Rops
Why FARIPL / PAPL?

**CUSTOMER CENTRIC APPROACH**
- Program Management capabilities to support customer’s new developments

**ADVANCED ENGINEERING CAPABILITIES**
- Continued Improvement for the Effectiveness and Efficiency of our Products and Services.
- Application engineering skills for adaptability of products to suit customer’s specification
- In-build “POKA YOKE” for defect prevention at customer end.

**SOUND MANUFACTURING KNOWLEDGE**
- Pneumatic, mechanical and controls expertise
- Dedicated Robot teaching expert

**COMMITMENT**
- Top Management Commitment & Direct Involvement
- Dedicated project management team to ensure timeline commitments.
- Everybody’s involvement thru shared vision and commitment

**PROVEN SUCCESS**
- We provide customers a defect & hassle-free experience through our design, software program and CMM, in-house.

**TRUST**
- Over 20 Years of Experienced Staffs in Automation Filed
Sales & Marketing

- We have well trained TECHNO-COMMERCIAL marketing team to handle RFQ.
- Quick response to customer RFQs,
- On site visit and discussions.
- Suggest proper & exact solution to customer requirement.
- Process planning & cycle time study.
- User Friendly & Cost effective proposals.
In house facilities

Dedicated in-house Design Team

- We have in-house dedicated design team for mechanical design
- Fixture design, inspection gauges, cells, SPM, Automation lines
- Solid Edge, Catia work stations.
- Weld simulation, torch approach study, Robot reach study.
In house facilities

Dedicated Programming & Robotic Team

- We have in-house dedicated PLC programming team, can handle any make PLC, including SCADA, servo motion controls.
- We have in-house dedicated Robot teaching & programming team, can handle any make Robots, including handling robots, Synchro welding can be programmed.
- Vision system programming, traceability system & integrations.
In house facilities

In-house Manufacturing Facility

- Along with 40 vendor base, we have in house manufacturing facility.
- Planno, Jig Boring, M1TR, Milling, Drilling, Lathes, Welding, etc.
In house facilities

In-house Engineering Facility

- Prototyping of new development.
- Press tools.
- Technical process study and analysis.
In house facilities

Quality control

- Flying scot for ensuring quality parts supplies.
- In-house gauging facility.
- In-house CMM (Romer/ Faro)
In house facilities

Project management, Assembly & Trials

- Program management team to track the project activities.
- Well trained assembly fitters & supervisors.
- Trials are conducted as per the customer specified requirements. It ensures quality output with de-skilling the process.
- Purchase & manufacturing team is committed to supply the parts on time to meet the project time line.
In house facilities

Customer Service & Support

- Well trained customer support team to ensure the installation & commissioning and provide customer support, ALL TIME.
India
Colombia
Mexico
Thailand
Bangladesh
China (Shanghai)
Our Esteemed Customers