



Strategi

AUTOMATION SOLUTIONS PVT LTD

FOUNDED: JAN 1996
NO: OF EMPLOYEES - 60

Nationwide Presence



Strategi

AUTOMATION SOLUTIONS PVT LTD

Bangalore Head Office

Manufacturing location for
Electrical System Integration



Mysore Plant

Manufacturing location for
Machine Tending Robots
Customized Projects



Awards & Recognitions

FIE Foundation Award 2019
Product: Compliant Mechanism



Awards & Recognitions

CII Design Excellence Award 2017
Product: Machine Tending Robot



Awards & Recognitions

MSME Innovation Excellence Award
Product: 5 axis simultaneous milling machine



What do we do?



Design, Manufacture and Sales of own branded Products

Products



Design & Manufacture of Custom Built Factory Automation Solutions

Projects



Distribution and System Integration of Motion Control Products

Services

Strengths and Capabilities

Strength	Description
Mechanical Design	Solidworks™
Precision Assembly facilities	With alignment fixtures
Finishing machines	Milling, Grinding, Drilling
Metrology equipment	All digital gauges except CMM
PLC programming	Any IEC 61131-3 compatible PLC
HMI programming	Any HMI brand
PC based front end programming	Python and Java
Embedded controllers	Raspberry Pi, Arduino
Embedded Programming	C
Data Acquisition	Python
IOT	On iotconnect.in
Control Panels	Rittal or equivalent
ERP	SAP B1
Standards & certification	ISO 9001:2015



Machine Tending Robots (MTRs)
[GRIPX 25 for CNC turning centres](#)



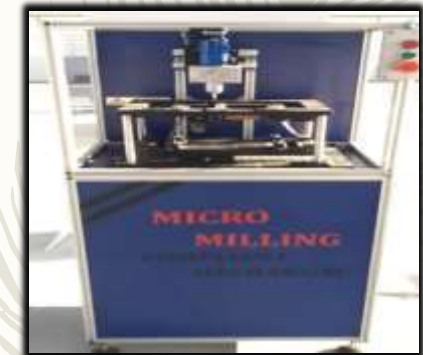
Automation for Single Spindle Automats
[A mechanical solution for loading/unloading of components into single spindle automats](#)

Products

Design, Manufacture and Sales of own branded Products



Robot Dispensing Cells
[Cartesian/SCARA Robot based cells for Glue Dispensing](#)



Compliant Mechanisms
[Zero backlash, zero friction nano positioning system](#)

Products

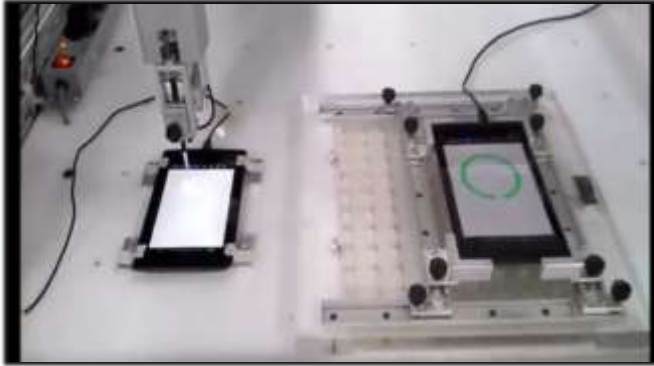
Machine Tending Robots



Machine Tending Robot with CNC turning Centre
GRIPX 25

Design features

- Allows the operator to view the machining progress.
- Allows the operator to change tools easily.
- Frees the operator to focus more on quality related activities.
- Fast cycle times of <10 secs.
- High repeatability of 25 microns.
- Maintenance free except for periodic lubrication.
- Highly energy efficient. Total connected load <1 HP.
- Designed to run 24x7x365.
- Sturdy gantry structure offering maximum rigidity.
- Double gripper design.
- Quick change over.
- No contact with chips and coolant.
- Positive gripping while loading and unloading.
- Safe parking zone while machining.
- No cut out on doors required.
- Easy handshake with machine CNC system.
- PLC control.
- Gravity and tray feed options.
- Electric gripper availability as an option.
- Safety to the maximum extent.
- Fast to install and start of production.
- Precision actuating mechanisms.



XYZ Positioning Stages & Gantries
Custom built Cartesian systems based on payload, stroke, speed and repeatability



Load and Unload Systems
Custom built mechanisms to load and unload from different kinds of machines

Projects

Design & Manufacture of Custom Built Factory Automation Solutions



Pick and Place Mechanisms
Custom built pick and place mechanisms for small parts < 5kgs



Machine Vision
Machine Vision systems to detect surface defects, bar/QR codes and dimensional measurements

Projects



Cartesian & SCARA
Robots



6 Axis articulated
arm Robots



SCARA Robots

System Integration with standard robots to provide a full solution

Projects

Special Projects

Concept design, detailed design, BOM generation, proto development and batch production as per customer RFP





AC Geared Motors
6W-200W: 0.75 rpm-
1500 rpm

Services

Distribution and System Integration of Motion
Control Products

HITACHI
Inspire the Next



AC Drives/VFDs
Up to 550HP

A ~~Yaskawa~~ Group Company
Sankyo
—All for dreams

SANYODENKI



AC Servo Motors And Digital
Servo Drives
Upto 2 KW

Services

Distribution and System Integration of Motion
Control Products

Nabtesco



High Precision Plano centric gear boxes

<1 arc min for precision
applications

SHIMPO
—All for dreams



Servo Planetary Gear Reducer
>= 3 arc min for general
applications

SANYODENKI

A **Mitsumi** Group Company
SERVO



Stepper Motor

[Upto 19 N.m torque](#)

Services

Distribution and System Integration of Motion
Control Products

Panasonic
INDUSTRY



Sensors

[Wide range of sensors](#)



Stepper Drives

[Upto 6A / Phase](#)



Cooling fans
[Wide range of DC fans](#)

Services

Distribution and System Integration of Motion Control Products



FHP DC Drives
[Upto 10A](#)



FHP DC Geared Motors
[12/24V DC: worm and inline gearboxes](#)

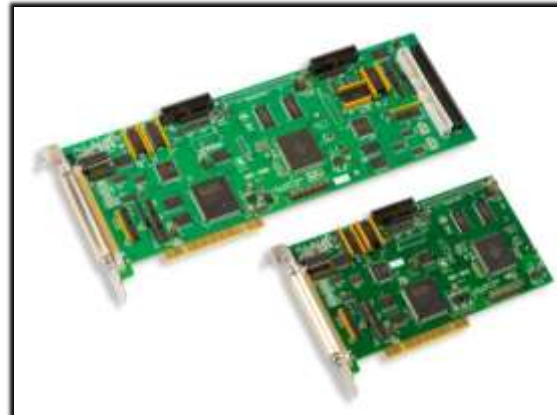


PLC

[Upto 2048 I/Os: Fieldbus capable](#)

Services

Distribution and System Integration of Motion Control Products



Multi Axis Motion Controllers

[For high performance coordinated motion upto 8 axes](#)



MMI / HMI Touchscreens

[Upto 10" colour](#)

Esteemed Customers



THANK YOU

<https://strategiautomation.com/>

