



Modular Platform



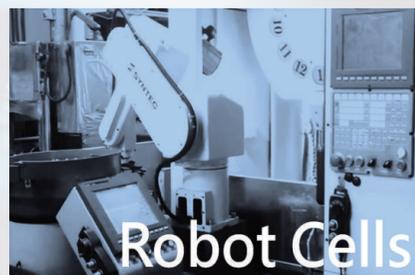
Building your automation solution as easy as building blocks

Measurement

Sensor

Tool Compensation

Data Collection



Robot Cells

Traceability

Laser Graving

RF-ID

Barcode-Scanning

Machine Tending

Tray

Machine Vision

Gripper

Robot

6-Axis

4-Axis Palletizing Robot

SCARA

Press Tending Robot

Manufacturing

Grinding

LaserWelding/Cutting

Sculpting/Drilling



Robot Applications

Offering apps for smart factory



Modular Platform

Easy to customization for every applications



Plug & Play

Special design for connecting peripherals



LEANTEC
INTELLIGENCE

Global Location

Taiwan (Hsinchu HQ)

LEANTEC Intelligence Co., Ltd.

No.25, Yanfa 2nd Rd., East Dist.,
Hsinchu City, 30076, Taiwan, R.O.C.

☎ 886-3-6663553
☎ 886-3-6663505
✉ info@leantec.com.tw

Taichung

LEANTEC Intelligence Co., Ltd.

2F., No.2, Jingke 3rd Rd., Nantun Dist.,
Taichung City 408, Taiwan, R.O.C.

☎ 886-4-23550621
☎ 886-4-23550622
✉ sales@leantec.com.tw

Suzhou

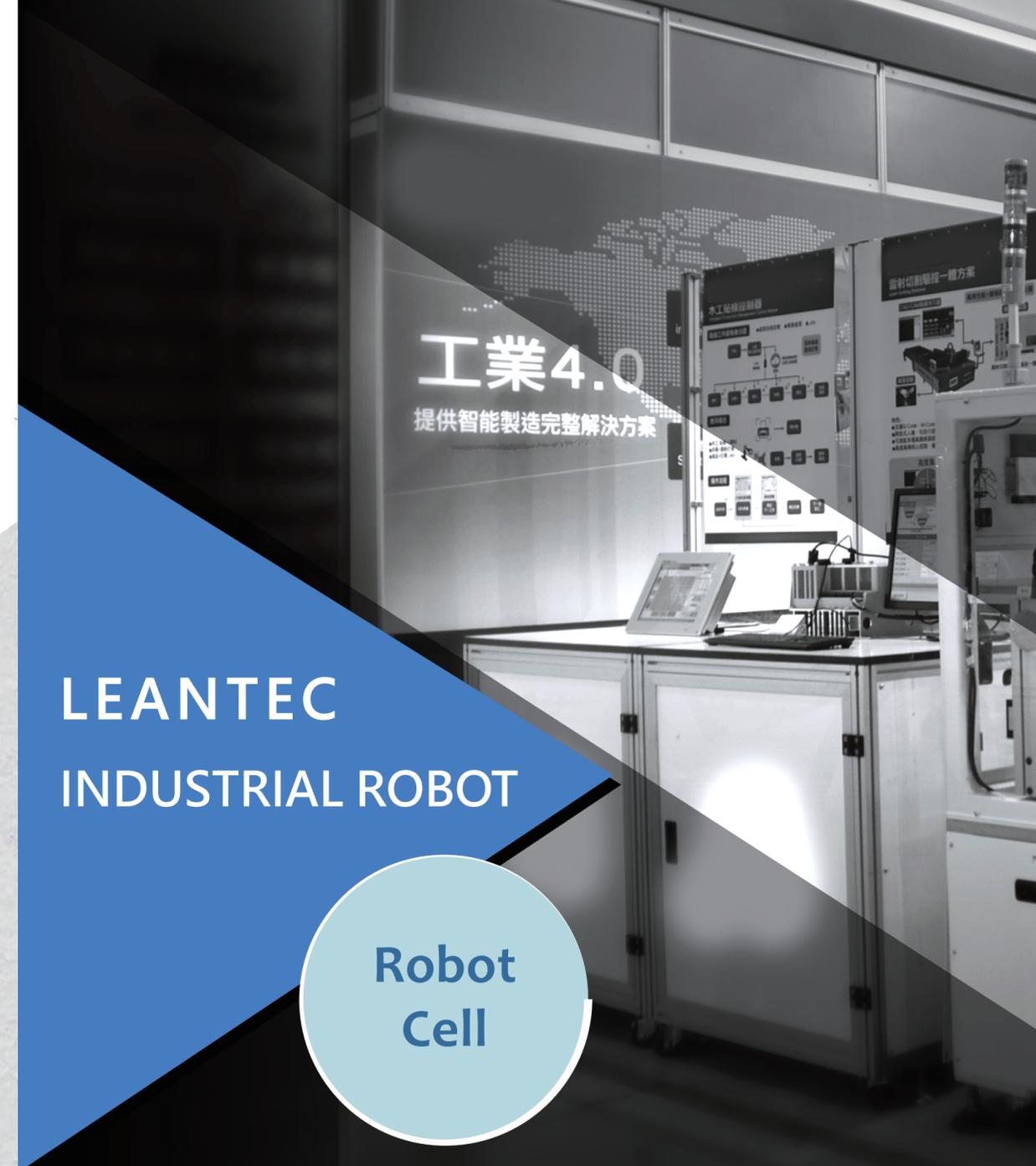
Suzhou LEANTEC Intelligence Co., Ltd.

Building B, No.9, Chunhui Road,
Suzhou Industrial Park, China

☎ 86-512-69008860
☎ 86-512-65246029
✉ service@syntecclub.com.cn

LEANTEC INDUSTRIAL ROBOT

Robot Cell





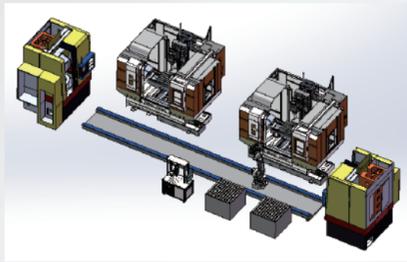
Application



Lathe Machine Tending

For lathe machine tending, LEANTEC provides a total solutions of robot, measurement, laser marking and Fixtures helping costumers import robot into production line and quarantine the quality of product

System



Features

- Providing standard gripper and tray which is adjustable to suit different size of workpieces
- External axis control and synchronized movement to enhance the effectiveness of productions
- Communication via ethernet instead of IO
- Implementation productivity prediction and machine status surveillance with Leantec IOT software, Synfactory

Case



Machine Tending of Auto Parts



Maching Tending of Turbine Fan

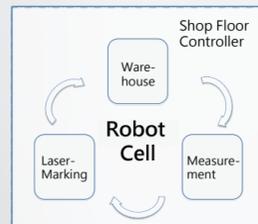
Application

- Automotive parts, Bicycle parts
- Automotive parts, Bicycle parts Workpiece types : Rod, Disk, Ring

Measurement & Classification

Facing the customer's requirements for quality, traceability and 100% measurement are gradually introduced into the production system. LEANTEC proposed a product measurement & classification solution for quality control.

System



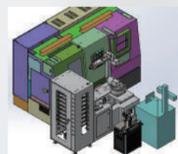
Case



Electronics Quality Control



Bearing Quality Control



Lathe Machine

Features

- Modular: All the machines in the solution are modular design which is easy and quick for equipment changeover
- Shop floor Controller: Being the information and logic center
- Smart Warehouse: Monitoring workpieces inventory status and integration with robot for move-in or take-out workpieces.
- Traceability: Production and measurement information can be tracked

Applications

- Automotive part, Bearing, Bicycle parts

Robotic Welding Cell

LEANTEC provide total solution of welding automation including welding robot, external axis, welder, galvo scanner control system and arc welding APP.

System



Case



Rectenrular Tube



Sofa Structure

Features

- Integrated with galvo scanner control and welder control into 1 controller
- Vision display on the teach pendent
- Supporting external axis and dual work station
- Arc welding and wizard design software

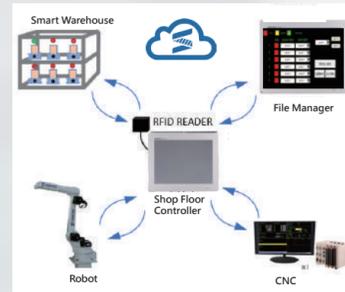
Case

- Bicycle parts · Water tank of CNC machines · Heat exchanger
- Types of workpieces : Tube · Plate · Special pipe

Small-Volume Large-Variety Machine Tending with RF-ID

LEANTEC providing solutions for small-volume large-variety machine tending. Taking graphite electrode production for example, we help customers implement Industry 4.0.

System



Case



Graphite Electrode Pick&Place



EDM Machine Tending

Features

- Stable: Robot directly connect RF-ID reader without any communication module
- Plug&Play: Supporting Balluff, SYCOLE...etc.
- Shop Floor Controller: Being the information center of the cell
- Total Solution: Robot + Shop Floor Controller + IOT Software + CNC
- Synfactory: Work order delivery and machine status surveillance in one machine boxC

Applications

- Graphite Electrode, EDM machine tending

Smart Factory

LEANTEC provides smart factory solution of machine tools. We Improve the uptime after implement automation by 2 work stations machine, robot, measurement, lasermarking.

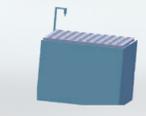
System



Solution



Gripper



Vision-Guided Tray



Laser Marking



Measurement

Features

- Machine tools with 2 work stations: pick and place of machines without stopping the machine
- Vision guided tray: there is no fixtures of workpieces and minimized the change-over time
- Scanning probe on the measurement machine
- Communication via ethernet instead of IO
- Synfactory: Work order delivery and machine status surveillance in one machine box

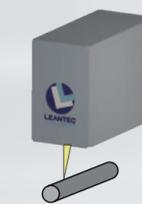
Application

- Automotive part, Air-conditioning part
- Agricultural machinery part

Traceability Robot Cell

LEANTEC traceability solution includes laser marking module which is designed for seamlessly integration with robot and other automation equipments. In particular for small lot with multiple variety, we help customers get ahead of the game in the market and realize the blueprint of industry 4.0.

Total Solution for Industry 4.0



Robot Measurement Barcode Scanner IOT Software

Traceability

Features

- All in One: Galvo scanner, on-axis camera and controller are integrated in one machine and with graphic-guided software which is easy to automatic marking process, including part vision positioning, marking and barcode verification.
- Smoothly Integrate External Control: Built-in I/O, RS485, Ethernet, Modbus TCP, OPCUA and Ethernet IP is perfect for automation.
- Versatile Functions: Extension function for 3D construction, encoder feedback of conveyor, XYZ axis and barcode reader.

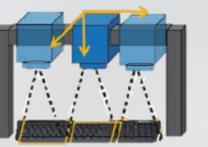
Applications



Laser Marking with Robot for Huge Part



Marking On the Fly



Wide Range Marking