ELECSYS
MANUFACTURING CORPORATION

COMPANY BACKGROUND

Since its inception, Electronic Systems Manufacturing Corp. (Elecsys MFG) has developed an outstanding reputation for customer service, on time delivery and producing high quality products at very competitive prices. We are able to provide consignment and turnkey manufacturing solutions for through hole and surface mount assemblies, testing and right through to complete box builds.

When you work with Electronic Systems Manufacturing Corp (Elecsys MFG), you really do work with us. Creating working partnerships with our customers enables us to better meet their individual needs whiles delivering products that exceed their expectations. We offer the skills and expertise of much larger contract manufacturers with the flexibility, service and attention to detail.

We understand that a times Engineering Change orders need to be applied to product that is already on the production floor or that some rework may be required for various reasons. Electronic Systems Manufacturing Corp (Elecsys MFG) are more than happy to assist in this area giving our customer's every opportunity to achieve their goal.

Our experienced staff with over 30 years' experience in the manufacturing of electronic assemblies offer assistance in providing design and manufacturing solutions for new product introduction (NPI), Limited Pilot Production (LPP) all the way to mass production. We understand that not all customers have high volume and as such accommodate low and medium volumes also. Electronic Systems Manufacturing Corp (Elecsys MFG) as standard practise will offer recommendations for manufacturing cost reductions. This will ensure that all our customers' products are manufactured not only at the highest quality but also for the best possible price.

REGISTRATION & CERTIFICATION

ELECSYS MANUFACTURING CORPORATION

Certificate of Registration
This certifies that the Quality Management System of

ELECSYS MANUFACTURING CORPORATION
Lot 1B, Block 6, Phase II, PEZA
Rosario, Cavite, 4106, Philippines

has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

ISO 9001:2015

Scope of Registration:
Manufacture of display modules, security system RFID and printed circuit board assembly(PCBA)

Certificate of Registration
This certifies that the Quality Management System of

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Lot 1B, Block 6, Phase II, PEZA
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has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

IATF 16949:2016

Scope of Registration:
Manufacture of printed circuit board assembly (PCBA)

Exclusions: Product design

PEZA
REGISTERED

Securities and Exchange Commission PHILIPPINES
SEC Reg. CS20172523
REGISTERED

ISO 9001:2015
QUALITY MANAGEMENT SYSTEM
CERTIFIED

IATF 16949:2016
AUTOMOTIVE MANAGEMENT SYSTEM
CERTIFIED

ISO 13485:2016
MEDICAL DEVICE MANAGEMENT SYSTEM
CERTIFIED

2017   2018   2021   2024

ELECSYS
MANUFACTURING CORPORATION

OUR MISSION

Our mission is to exceed our customer's expectations by providing the highest quality products with the most competitive prices in a timely manner.

OUR VISION

As a world-class electronic manufacturing company, our vision is not to be the biggest contract manufacturer but one of the best with leading edge technology as a standard while not forgetting our roots.

QUALITY POLICY

Elecsys MFG strives to be the best business partner to our customers by providing exceptional products and services without compromising quality. Elecsys Staff know that quality is paramount and comes first in the organization. This is achieved by continuously increasing our knowledge about our customers requirements, products, supply chain and processes.

We guarantee our commitment by:

☑ Continually training all employees' thereby enhancing their Skills & Knowledge.

☑ Continuous improvement by using Lean principles and necessary tools.

☑ Tracking Key Performance Indicators (KPIs) by internal audits and reporting.

☑ Ensuring that our Policy and Process Manuals reflect what we actually do

☑ Making every staff member a part of the quality team not as individuals.

☑ Requiring the same commitment from our suppliers.

☑ Using fair trade principles and acting ethically with honesty and integrity.

☑ Establishing processes to deliver products on time, with zero defects to our customers.

☑ Continuously improving our quality system to meet our customers' expectations and meet the ISO9000 and IATF standards.

☑ Train all staff to exceed our customers' expectations.

ELECSYS MANUFACTURING CORPORATION
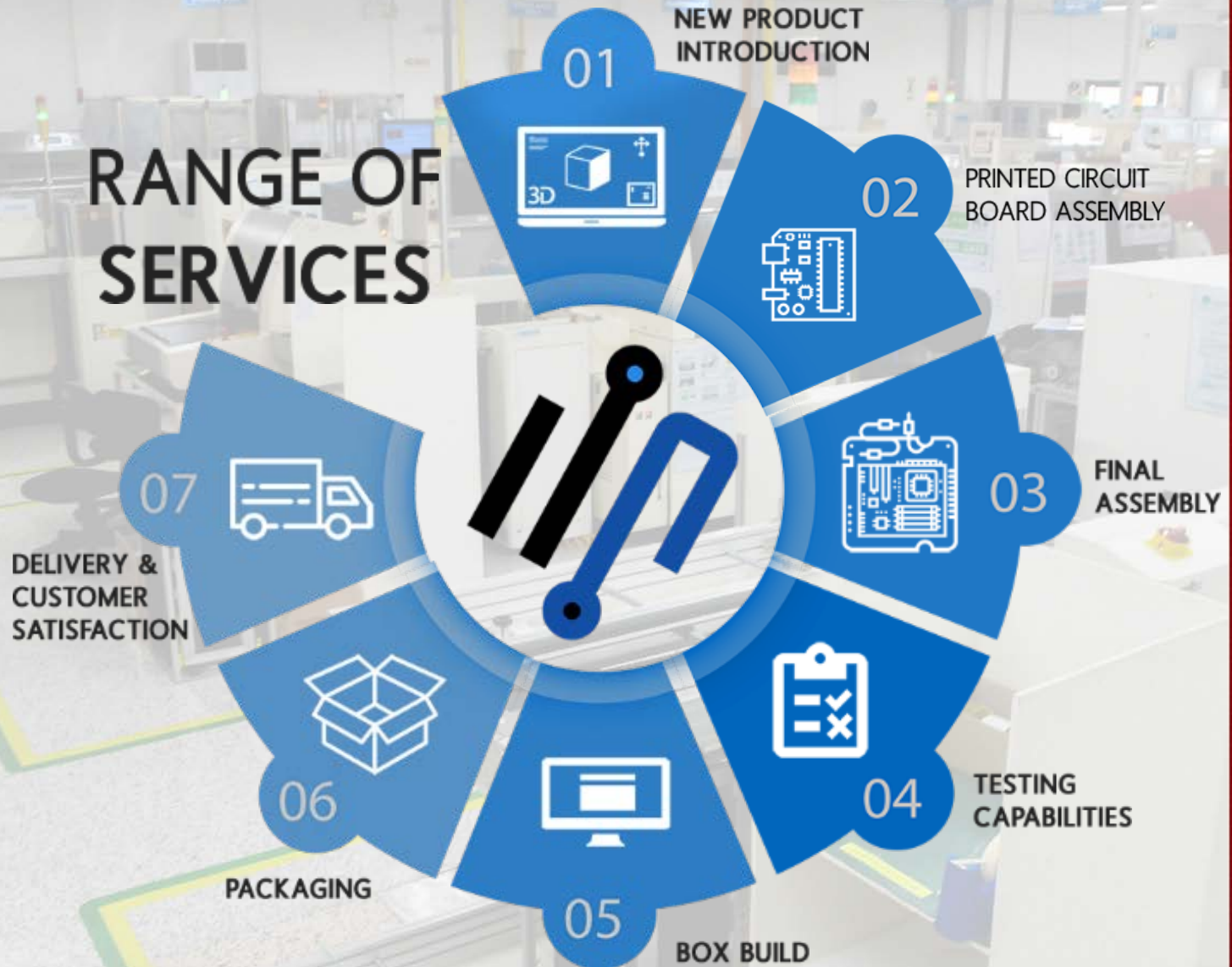
GREAT CUSTOMER SERVICE

PRODUCT QUALITY CERTIFIED

ENGINEERED TECHNOLOGY

THE REAL COST

RANGE OF SERVICES

01 NEW PRODUCT INTRODUCTION

02 PRINTED CIRCUIT BOARD ASSEMBLY

03 FINAL ASSEMBLY

04 TESTING CAPABILITIES

05 BOX BUILD

06 PACKAGING

07 DELIVERY & CUSTOMER SATISFACTION

SMT MANUFACTURING EQUIPMENT

- Screen Printer ESE US-1000x
- Chip Mounter Samsung SM411
- Chip Mounter Samsung SM421
- Chip Mounter Samsung SM471
- Chip Mounter Samsung SM471Plus
- Chip Mounter Samsung SM482
- Reflow Oven TSM A70-j102S
- Reflow Oven TSM N70-e10S
- Solder Paste Inspection Kho Young KY3020T
- 2D AOI Samsung MV8SH
- 3D AOI Mirtec MV9
- X-Ray Machine
- BGA Rework station

TYPICAL SMT LINE SETUP

ELECSYS MANUFACTURING CORPORATION

LOADER
PRINTER
3D SPI
CONVEYOR
SM471+
SM471+
SM482+

XRAY
3D AOI
CONVEYOR
NITROGEN REFLOW OVEN
CONVEYOR

ACTUAL LINE SMT SETUP

WITH IN-LINE SPI MACHINE AND HIGH SPEED SM471/SM482 CHIP MOUNTERS.

OTHER MANUFACTURING CAPABILITY

60 Station Universal Auto Insertion Machine (for Axial and Radial Type)

AUTOMATED INSERTION MACHINE

OTHER MANUFACTURING CAPABILITY

Highly flexible wave soldering system.

WAVE SOLDER MACHINE

OTHER MANUFACTURING CAPABILITY

- Suitable for the soldering of through-hole components in high-end electronic products.
- It can control the solder quantity, soldering time (temp profile) and solder quantity of each solder spot.
- Program creation is simple, using pictures or Gerber data to make production program.
- Nozzle can be selected according to the size of soldering point, and there is no need for fixture to protect non solder parts.

SELECTIVE SOLDERING MACHINE

OTHER MANUFACTURING CAPABILITY

Soldering robot can do soldering, fully automatically and better soldering quality than manual soldering. The rotatable automatic soldering machine is multi-functional, it can adjust the welding angle, direction and set the solder joints at will, control the amount of tin in and out, control the size of the solder joints, and better ensure the welding process requirements of customers' products.

5441 Robot Soldering machine

OTHER MANUFACTURING CAPABILITY

Capable of any laser marking/etching requirement.

LASER MARKING MACHINE

OTHER MANUFACTURING CAPABILITY

For automated and controlled application of conformal coating.
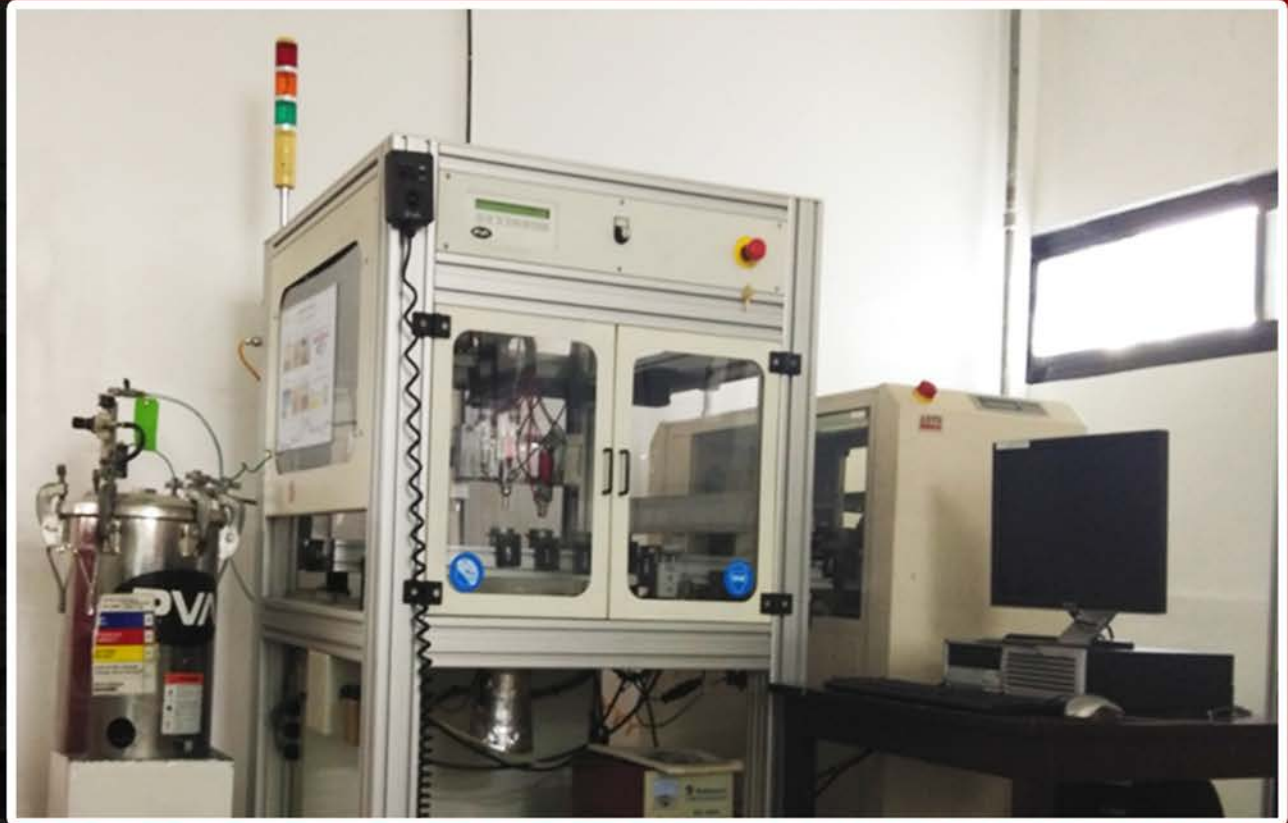
AUTOMATED CONFORMAL COATING MACHINE

OTHER MANUFACTURING CAPABILITY

For specific packing requirements.
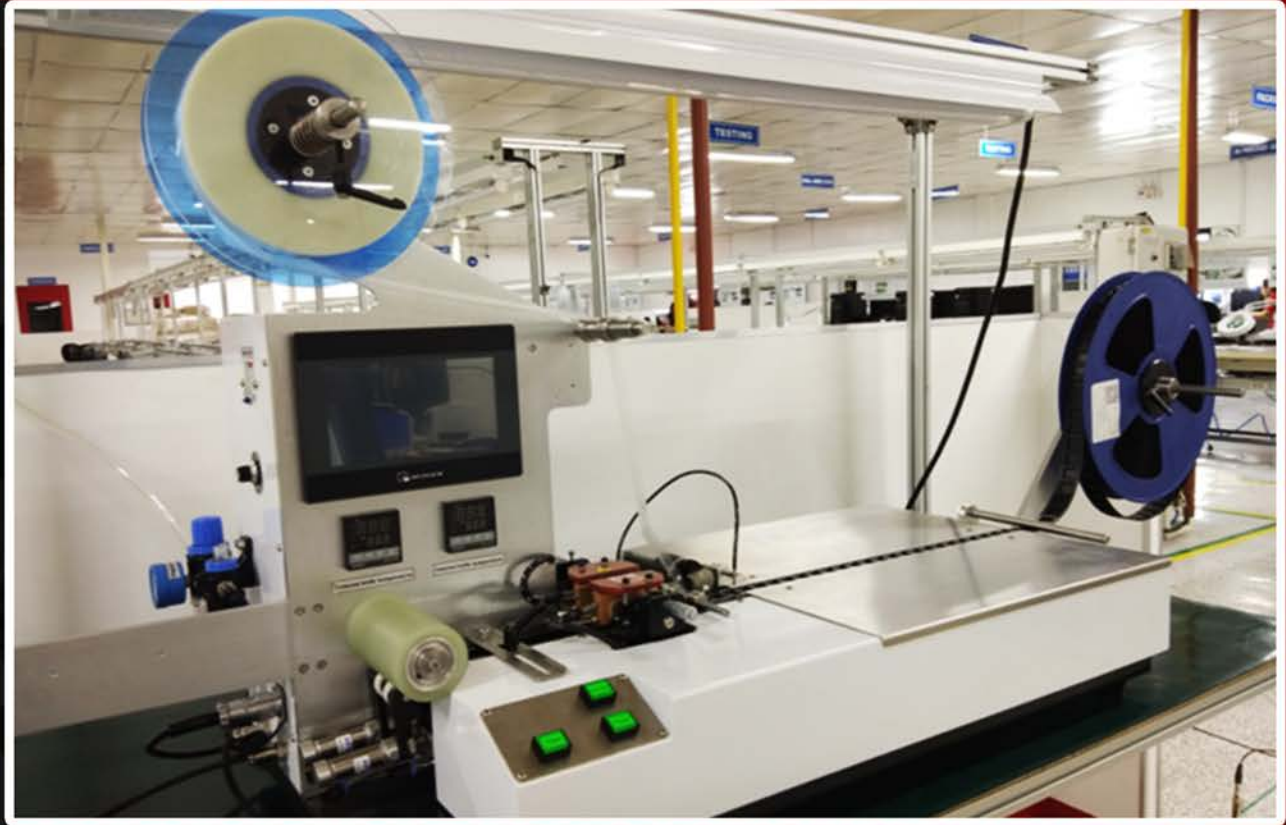
TAPE AND REEL MACHINE

OTHER MANUFACTURING CAPABILITY

High frequency ultrasonic welding machine used to weld plastics/mechanical materials
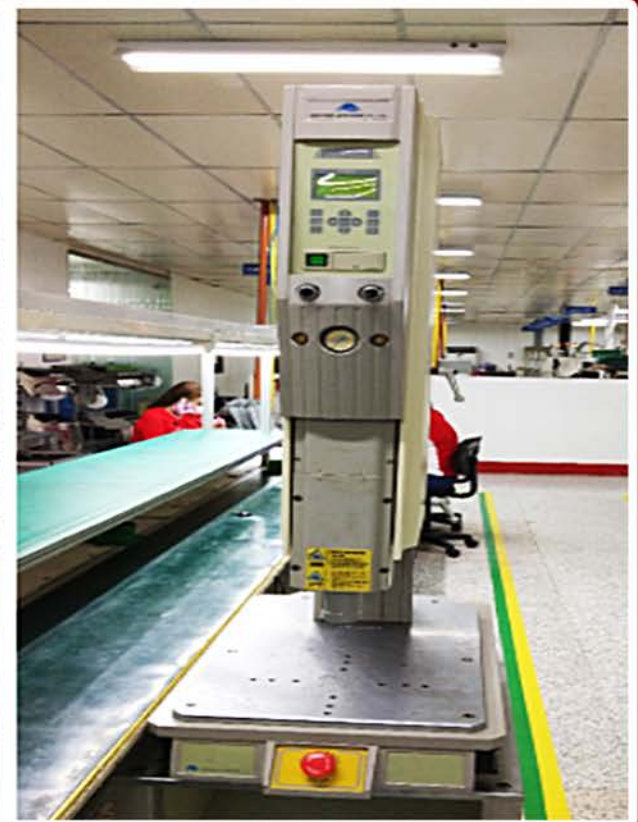
ULTRASONIC WELDING MACHINE

OTHER MANUFACTURING CAPABILITY

For gigh quality rework of BGA components to assure conformity to the highest industry standards and specifications.

BGA REWORK STATION

OTHER MANUFACTURING CAPABILITY

- Measuring microscope and optical CMM users
- High Accuracy Image Dimension Measurement System ±0.1 µm repeatability
- 20 megapixels of high resolution
- Measure instantly at the press of a button

KEYENCE MEASURING EQUIPMENT

OTHER MANUFACTURING CAPABILITY

- New CCD system,new vision system can correspond to all kinds of PCB mark.with visual counterpoint correction function
- The sensor can monitor the milling cutter state in real time, and effectively prevent the continuous operation of the cutter
- Using high speed spindle, cutting stress is greatly reduced, precision is high, inertia is small, and response is fast
- Dual platform structure, can deal with different products at the same time

PCB DEPANELLING ROUTER MACHINE

OTHER MANUFACTURING CAPABILITY

High temperature production requirement such as product curing and testing.

HIGH TEMP OVEN

OTHER MANUFACTURING CAPABILITY

Burn-in is the process by which the product are exercised before being placed in service, This system evaluates the reliability of the Product and performs large capacity screenings.

Burn-in Room

OTHER MANUFACTURING CAPABILITY

The automatic battery cell sorting machine is professional designed for the sorting test battery cells which have completed the capacity sorting before out of factory. The battery sorter machine has 6 channels for OK battery cells and 1 for NG battery cells, which greatly promote the sorting efficiency and ensure the normalization of cells sorting.


Battery Sorting Machine

OTHER MANUFACTURING CAPABILITY

Is capable of printing any 3D design with any available filament on the market up to a maximum size of 305x305x605mm (12x12x23.8 inches). Thereby eliminating the need for expensive tooling at prototyping.

RAISE 3D PRINTER

OTHER MANUFACTURING CAPABILITY

- CNC Router STM6090 with 4th Rotary Axis for Aluminum, Wood, MDF
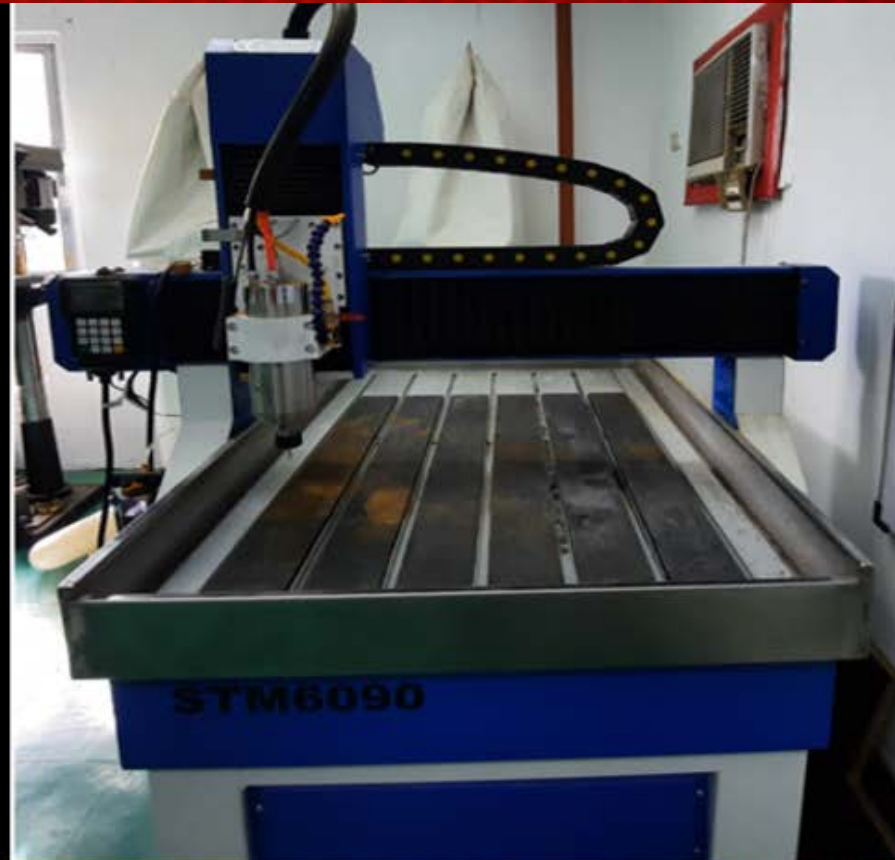
CNC MILLING / ROUTER MACHINE

OTHER MANUFACTURING CAPABILITY

Aqueous PCBA cleaning processes feature a very wide process window that facilitates the removal of all types of resin and flux residues from lead-free, leaded no-clean and Water soluble

PCBA AQUEOUS CLEANING/WASHING MACHINE

OTHER MANUFACTURING CAPABILITY

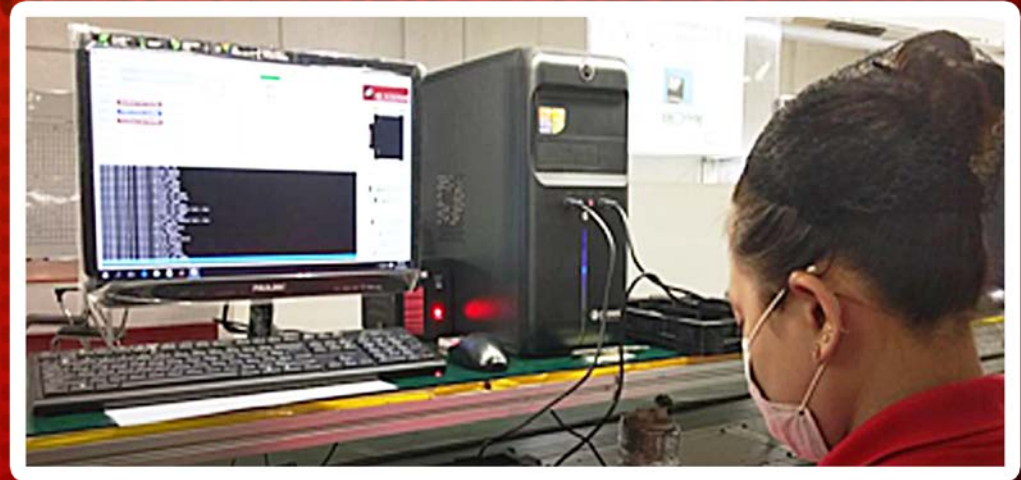Reverse Osmosis System

DI WATER SYSTEM (Revese Osmosis)

PRODUCTION FACILITIES

PRODUCTION FACILITIES

BOX BUILD ASSEMBLY LINES

MAJOR PRODUCTS

RESIDENTIAL AND COMMERCIAL ALARM SYSTEMS
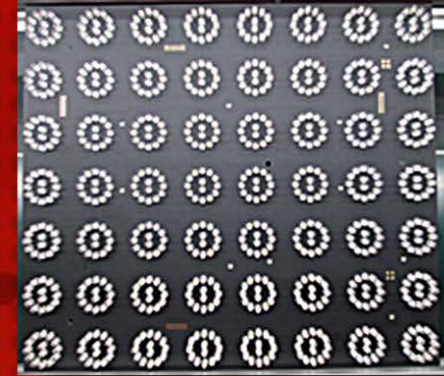
RFID PRODUCTS

TEMPERATURE CONTROLLERS

MAJOR PRODUCTS

ELECSYS MANUFACTURING CORPORATION

WHISTLER RADAR DETECTOR

PCBA AUTOMOTIVE PRODUCT

DISPLAY PANELS

DISPLAY MODULES

SCANNER HANDHELD RADIO

LED STREET LIGHTS

MAJOR CUSTOMERS

COMPETITIVE ADVANTAGES

- NO COMMUNICATION BARRIER (ENGLISH LANGUAGE)
- TAX FREE ZONE
- NO IMPORT RESTRICTIONS
- COST EFFECTIVE
- FAST PRODUCTION START-UP
- MULTI SKILLED WORKFORCE
- LOW AND HIGH VOLUME PRODUCTS
- CUSTOMERS' INTELLECTUAL PROPERTY IS PROTECTED

- FULL TURNKEY PROJECTS
- MOULD AND TOOL MANAGEMENT
- TEST AND DESIGN DEVELOPMENT SUPPORT
- CONSIGNMENT BASIS ACCEPTED
- SUPPORT IN SOURCING REPLACEMENT COMPONENTS
- PROTOTYPING SUPPORT
- MANUFACTURING AND ENGINEERING SUPPORT

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