



LAYANA COMPANY



Total Engineering Solutions

- Stamping
- Plastic Injection
- Insert Molding
- Assembly
- OEM



www.layana.com

 **LAYANA**

SINCE 1982

LAYANA



LAYANA Green Factory

SINCE 1982



Bright Sun



Blue Sky



Pure Clouds



Green Trees



Solid Earth

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Milestone of Sustainability

2022

Obtained the Green Factory (No.85th in Taiwan)
Obtained the Cleaner Production



2019

ISO 50001 Certificated
Gold Level Green Building



2018

IATF 16949 Certificated / The New Plant Completed
/ 12th 6SIGMA Project Public Presentation



2016

ISO 14001 Certificated

2015

Awarded QCC SilverTower Prize
ISO 14001 Certificated



2013

China Investment-Suzhou Facility

2012

TTQS Silver Prize Granted



1982-2012

- 2010 / 6 SIGMA Training Kunshan Factory Extension
- 2003 / Hold the 1st 6 SIGMA Project Public Presentation
- 2002 / TPS / Lean Techniques Implemented
- 2001 / QS 9000 Enterprise Certif
- 1998 / ISO 9001 Certificated
- 1997 / ERP-SYSTEM Implemented
- 1996 / ISO 9002 Certificated
- 1982 / Stamping Die Factory Established



Equipment Overview

Press Capacities from 25 to 350 Tons

300T Servo Press Machine

Vertical Injection Molding Machine 90 to 100 Tons

Horizontal Injection Machine 60 to 200 Tons

Robot Arm Injection Molding Machine

Injection Molding Sensors

Ultrasonic Cleaning Machine

Transfer Mechanism (Robot Arms)

CNC EDM

Milling Machine

SEIBU CNC Wire Cutting Machine

Lathe Machine

Grinding Machine

Drilling Machine

Avio Spot Welding Machine

Laser Engraving

ABB Automatic Robot Arm with IPG Laser Head

3D Printing Machine

CCD Vision Sorting Machine

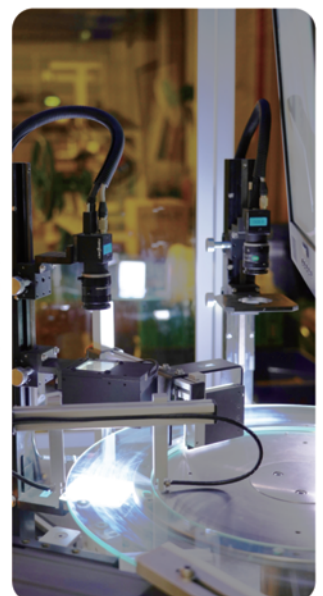
Assembly Equipment



Automated Storage and Retrieval System
FIFO Principle Links with ERP System



ABB Laser Welding



CCD Vision
Sorting Machine



Quality Assurance

You Care, We Care!

Key Elements of Being A Reliable Supplier

Driving Continuous Improvement

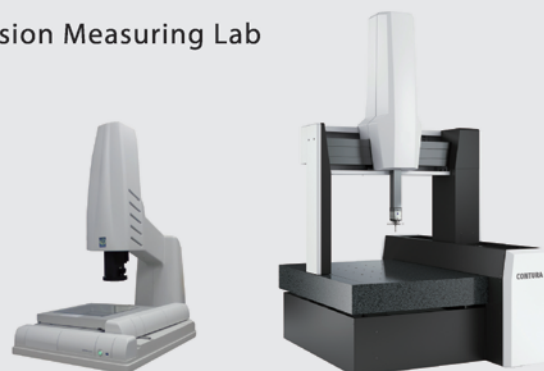
Team Activities – 5S, QCC, Six Sigma Project

Zero Defects



Cleanroom

Precision Measuring Lab



Automation

Automation technology is applied to work stations, from production, assembly to inspection, automatically, efficiently and accurately.

One stop solution for customers.

R&D Capabilities

Technical Support

Our design and engineering team works with you throughout the design, quoting, production, assembly, inspection, packaging and shipping process to ensure that we meet your requirements.



Tooling Shop



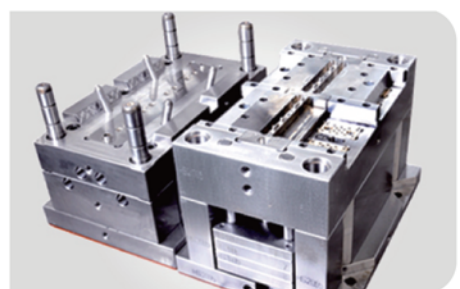
Progressive Stamping



Transfer Die



Plastic Injection Mold



PROGRESSIVE DIE PROCESS

IATF 16949

LAYANA's Presses Range from 250-350 Tons.

Tooling Design & Engineering: [AutoCAD](#) , [CAE Analysis](#)

Tool Size: Up to 2,500L*1,000W*550H

Maximum Thickness: 6 mm (Progressive Die) ; 6 mm (Single Die)

*Depends on Different Tool Size

Product Material

Stainless Steel

Mild Steel

Nickel Silver

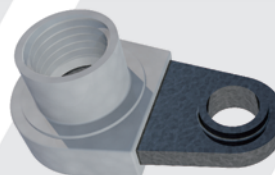
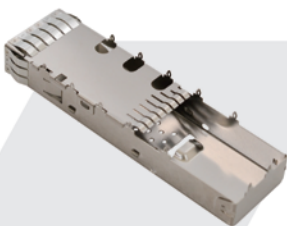
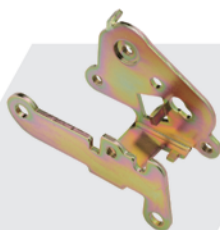
Beryllium Copper

Aluminum

Galvanized Steel

Phosphor Bronze

Brass



DEEP DRAW PROCESS

Our stamping process utilizes state of the art press technology to maximize efficiency. Whether we produce your part with a transfer press or a progressive die press, we'll ensure you receive the highest quality stamped parts.

Up to 350 Ton Press Machine

Drawing Ratio : 1 : 2.5

Up to 2500 mm Length for Tooling

Pitch Up to 130 mm

Product Material

SPCC

SPHC

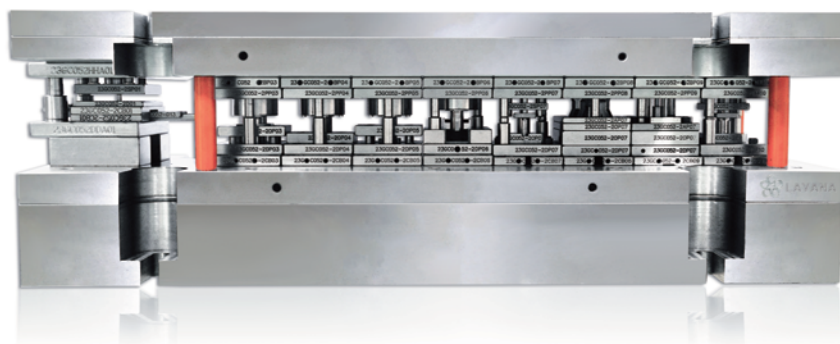
SPHE

SUS304

Cu-ETP



TRANSFER
DIE



PLASTIC INJECTION MOLDING

INSERT MOLDING

From our initial contact, LAYANA's product design and engineering assistance covers everything you need - from the [DFM](#) review to [mold flow analysis](#), materials selection, as well as 3D prototyping support.

Plastic Material (with Glass Fiber)

PPS

PPA

PBT

PET

ABS

POM

Nylon

TPE

Tooling Design & Engineering: [SolidWorks](#), [Unigraphics\(UG\)/NX](#), [Mold Flow Analysis](#)

Tool Size: Up to 800L*600W*500H

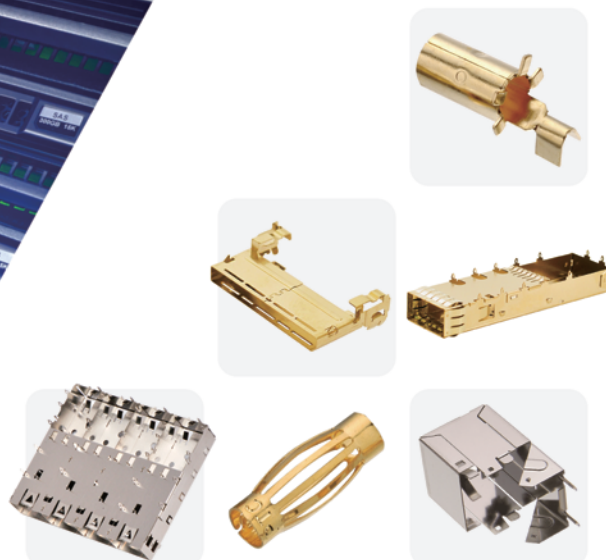


MARKETS

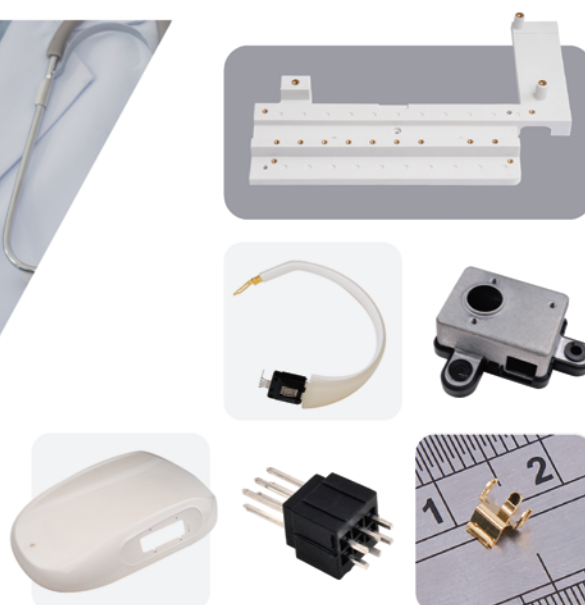
Automotive



Electronics



Medical



IATF 16949

ISO 50001



QCC

6Sigma



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Scan for Visit

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