Total Engineering Solutions

Stamping

Plastic Injection

Insert Molding

Assembly

OEM

IATF 16949
ISO 50001

www.layana.com

LAYANA
SINCE 1982

SINCE 1987

LAYANA Green Factory

- Bright sun
- Blue sky
- Pure clouds
- Green trees
- Solid earth

CONTENTS

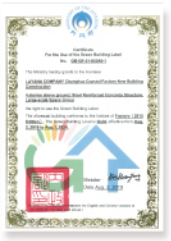
01
MILESTONE OF SUSTAINABILITY
02
EQUIPMENT OVERVIEW
03
QUALITY ASSURANCE
04
R&D CAPABILITY
05
PROGRESSIVE DIE
06
DEEP DRAWING
07
PLASTIC INJECTION MOLDING
08
MARKETS

Milestone of Sustainability

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

2013 China Investment-Suzhou Facility

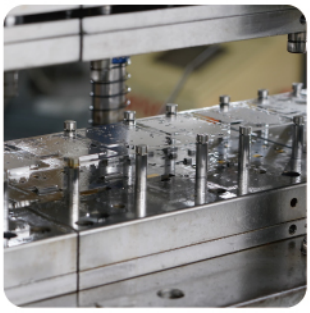
2012 TTQS Silver Prize Granted

1982-2010

2010 / 6 SIGMA Training Kunshan Factory Extension
2006 / KPI Implementation
2005 / 5S Activities TS16949 Certificated
2003 / Hold the 1st 6 SIGMA Project Public Presentation
2002 / TPS / Lean Techniques Implemented
2001 / QS 9000 Enterprise Certificated
1998 / ISO 9001 Certificated
1997 / ERP-SYSTEM Implementation
1996 / ISO 9002 Certificated
1982 / Stamping Die Factory Established

Equipment Overview

- Press Capacities from 25 to 300 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 Arm)
- 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

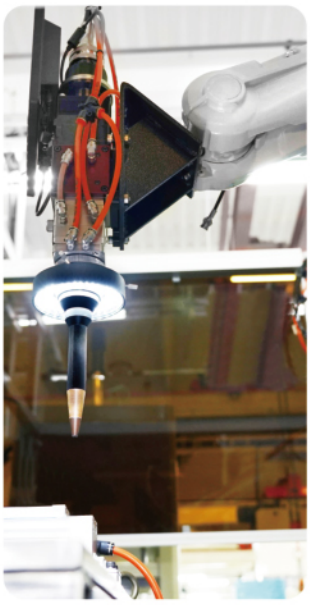
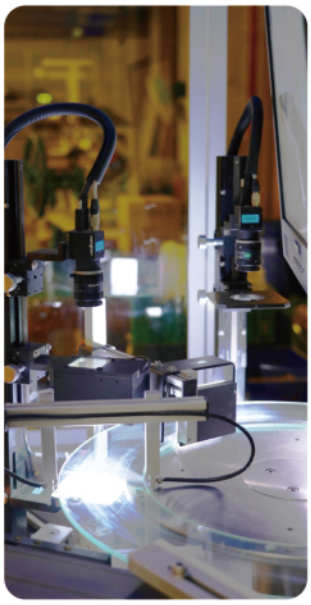


ABB Laser Welding



CCD Vision
Sorting Machine

Quality Assurance

You Care, We Care!

Key Elements of Being A Reliable Supplier

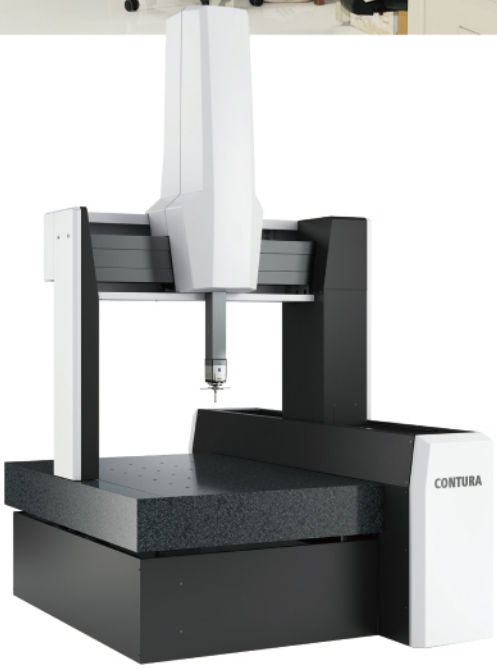
Driving Continuous Improvement

Team Activities – 5S, QCC, Six Sigma Project

Zero Defects

Cleanroom

Precision Measuring Lab



R&D Capabilities

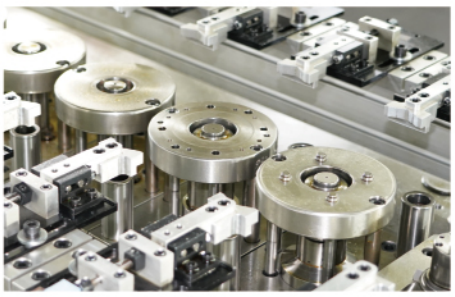
Technical Support

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.

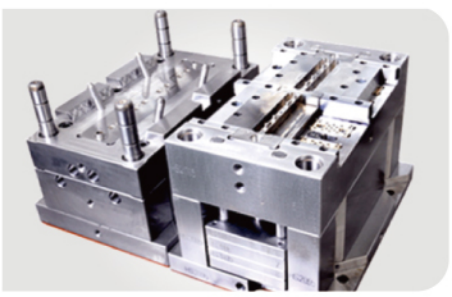
Tooling Shop

Progressive Stamping

Transfer Die

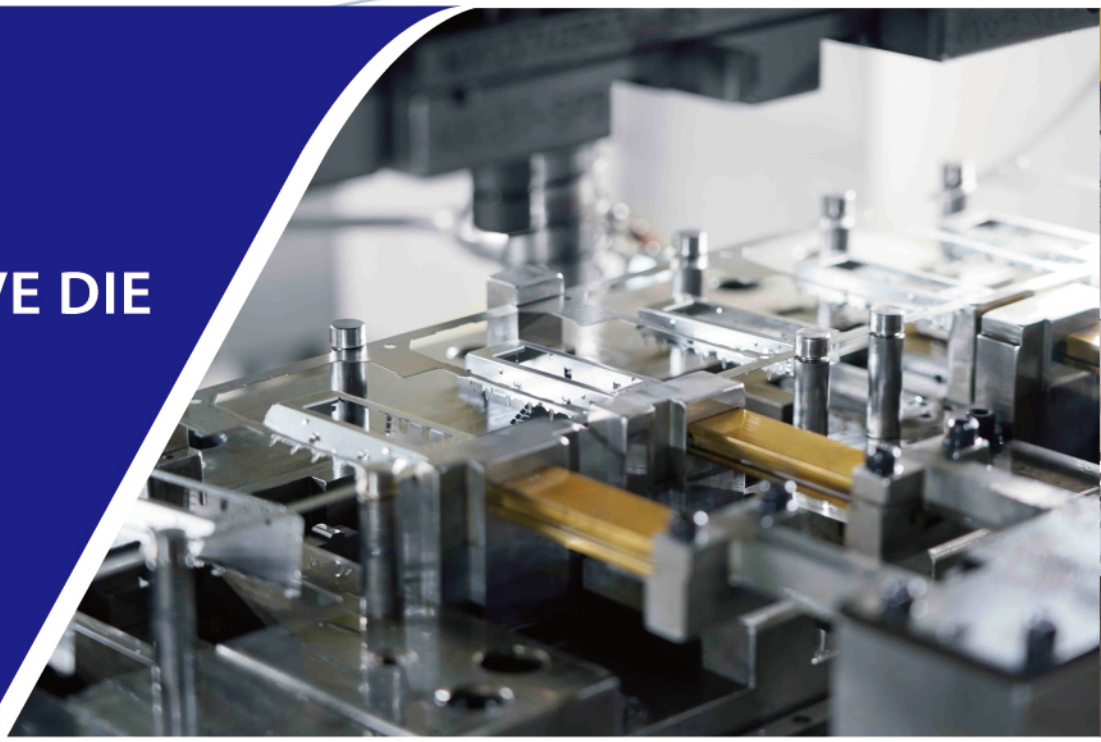


Plastic Injection Mold



PROGRESSIVE DIE PROCESS

IATF 16949



LAYANA's Presses Range from 25-300 Tons.

Tooling Design & Engineering: AutoCAD , CAE Analysis

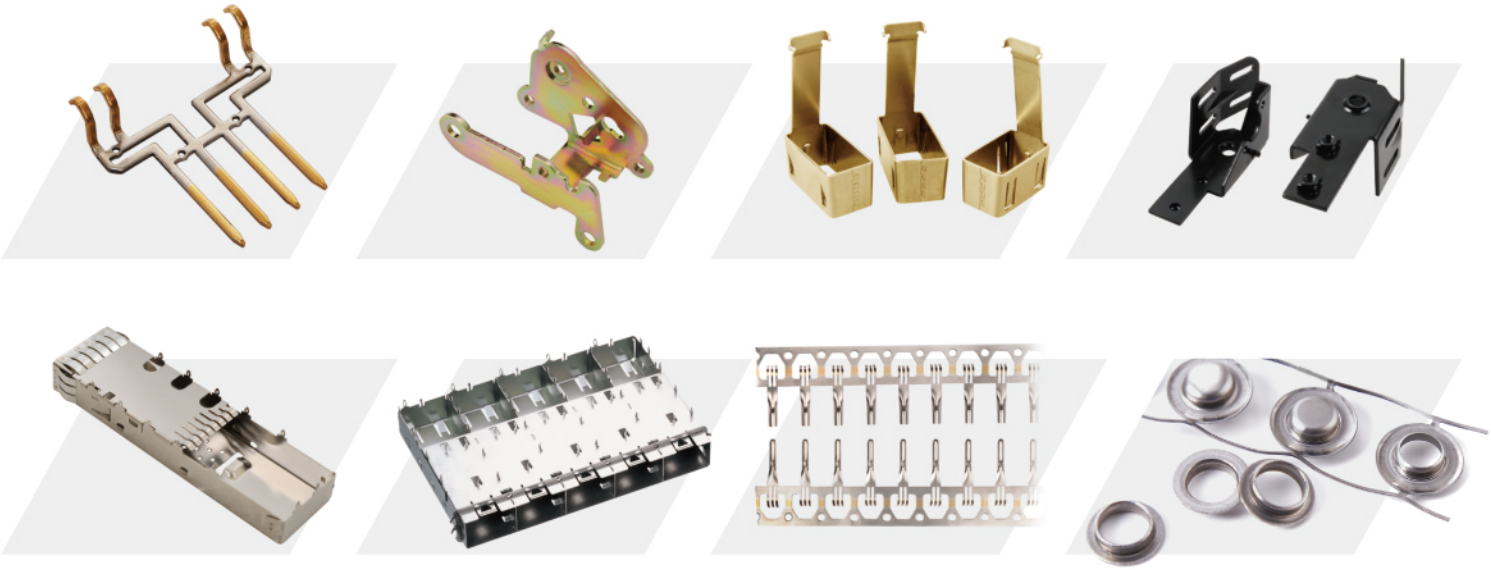
Tool Size: Up to 2,500L*1,000W*550H

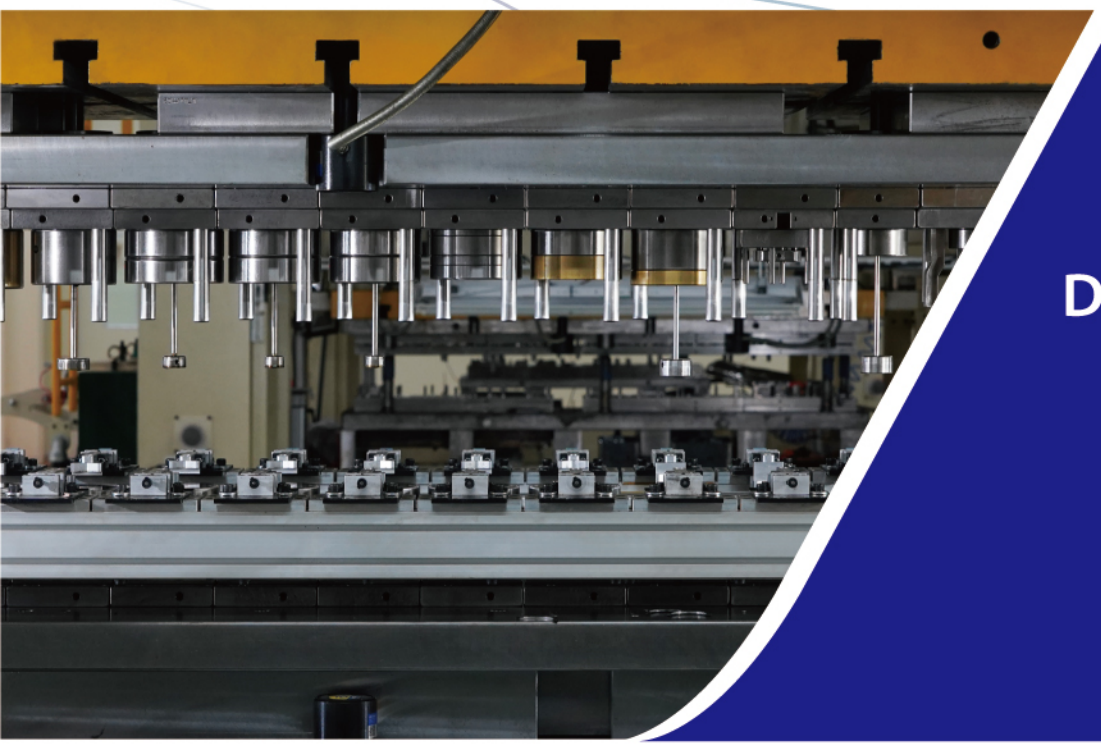
Maximum Thickness: 6 mm (Progressive Die) ; 6 mm (Single Die)

*Depends on Different Tool Size

Product Material

- Stainless Steel
- Mild Steel
- Nickel Silver
- Beryllium Copper
- Aluminum
- Galvanized Steel
- Phosphor Bronze





DEEP DRAW PROCESS

ISO 50001

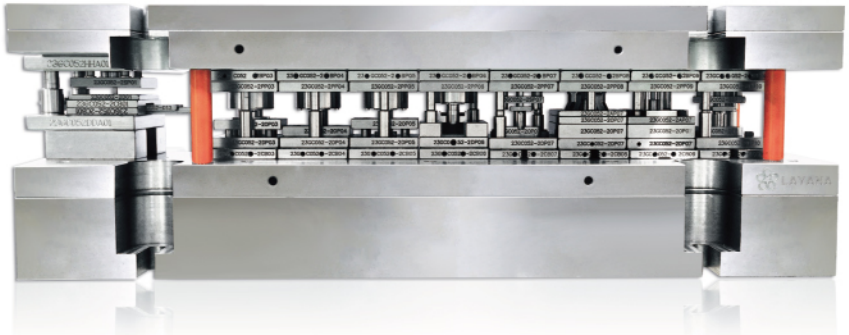
Our stamping process utilizes state of the art press technology to maximize efficiency. Whether we produce your part with a transfer press or a progressive die press, we'll ensure you receive the highest quality stamped parts.

Up to 300 Ton Press Machine	Up to 2500 mm Length for Tooling
Drawing Ratio : 1 : 2.5	Pitch Up to 130 mm

Product Material

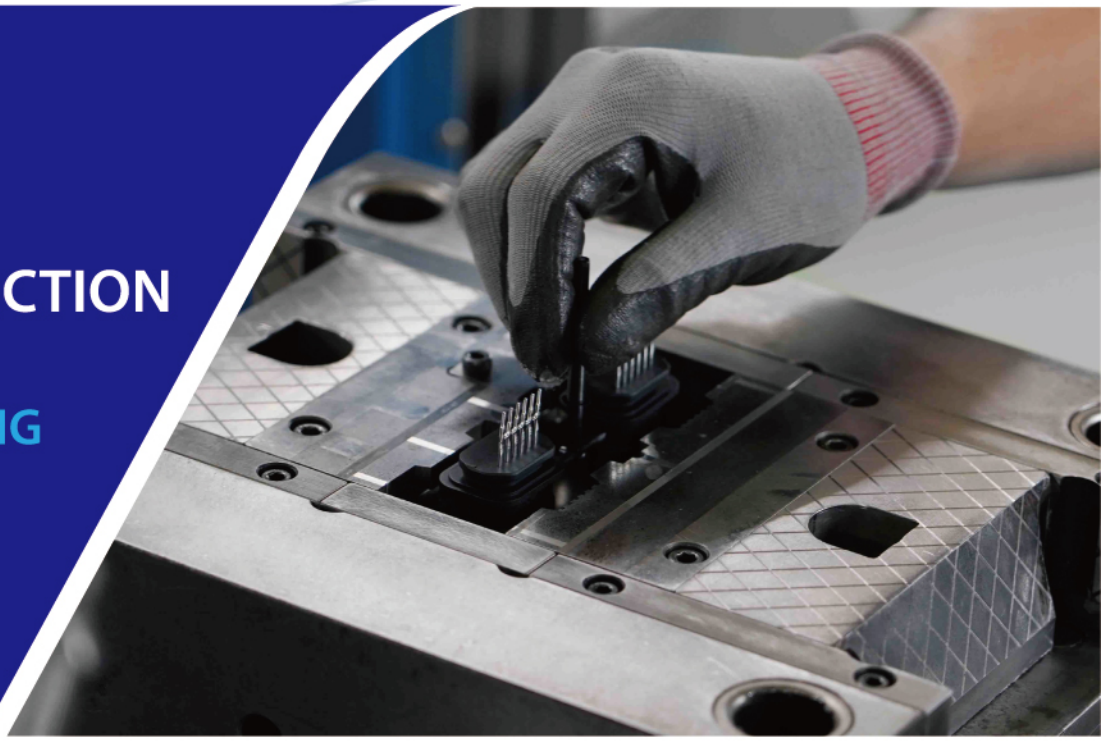
- SPCC
- SPHC
- SPHE
- SUS304

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, and even 3d prototyping support.

Plastic Material (with Glass Fiber)

- PPS
- PPA
- PBT
- PET
- ABS
- POM
- Nylon
- TPE

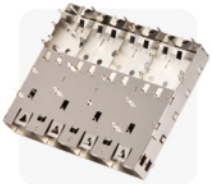
Tooling Design & Engineering: SolidWorks, Mold Flow Analysis

Tool Size: Up to 550L*500W*500H

MARKETS

Automotive

Electronics



Medical

LAYANA COMPANY

No.18, Lugong N. 2nd Rd., Lukang Township,
Changhua County 50544, Taiwan
TEL: +886-4-781-0727
FAX: +886-4-781-0282
E-mail: layana@layana.com

Scan for Visit

6Sigma QCC 5S

Kunshan Factory
No.88, Hong Young Road, Qiandeng Town,
Kunshan City,Jiangsu 215341, China.
Tel : +86-0512-82602801
Fax : +86-0512-82602806

SuZhou Factory
No.3, Chunqiu Road, Panyang Industrial Park,
Huangdai Town, Xiangcheng District,
Suzhou City 215143, China.
Tel : +86-20-85276366

USA Office
27 Bennett Rd, Redwood City, CA 94062
Tel : +1-213-999-6147
Fax :+1-650-593-0481