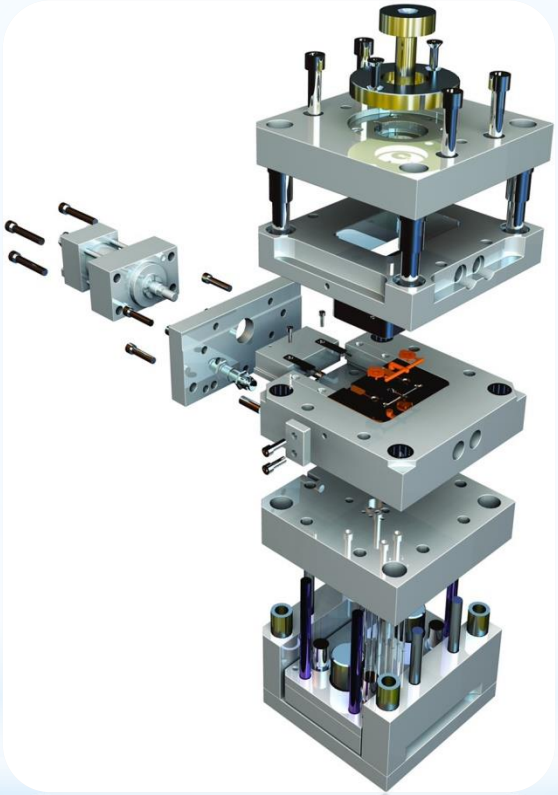
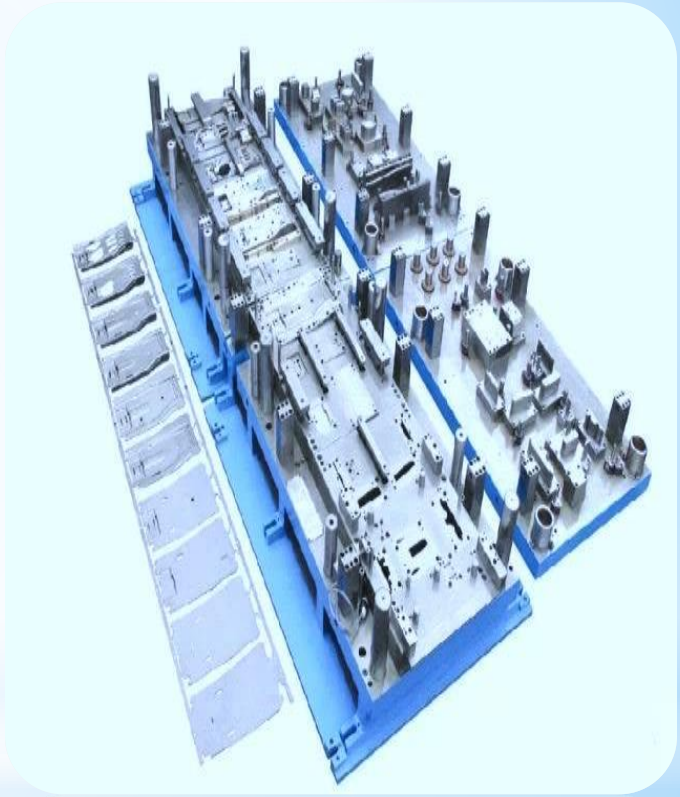
# WELCOME TO
# HALO MOLD TECH CO.,LTD







Address: Giai Pham Commune, Yen My District, Hung Yen Province, Vietnam
Email: Sales@halomoldtech.com
Phone number: 02213 967 678

# * OPEN LETTER

First words, HALO MOLD TECH CO., LTD presents our good health wishes and warmest greetings to you! Dear our Customers!

HALO MOLD TECH CO., LTD is always proud to be a leading supplier in the field of manufacturing stamping continuous molds, plastic injection molds, aluminum casting molds and is a partner of large corporations of Korea as well as Japan in Vietnam.With business criteria: “Top Quality - First Progress”, since its establishment in 2014 and the goal of becoming a well-developed enterprise in the field of molds. So, we have been pursuing the motto of “production” - “value creation” . We have been contributing to the development of society by advanced technology, experienced staffs, and high sense of responsibility.

HALO MOLD TECH CO., LTD covers an area of 3000$m^2$ with more than 60 employees who have undergone intensive training in molds. Moreover, HALO MOLD TECH CO., LTD has equipped itself with a production factory, production line, synchronous and modern equipment. Our target products are: Electronic components, components for cars, motorcycles, electric vehicles, industrial auxiliary equipment, home electric … are certified according to international standards ISO 9001 2015. Therefore, we always meet the needs of domestic and foreign most demanding customers at any time.

With enthusiasm, creativity and never stop innovating, we believe that we will be a RELIABLE COMPANION on the way to development and bring customers the most satisfaction.



***Thank you very much for your interest!***

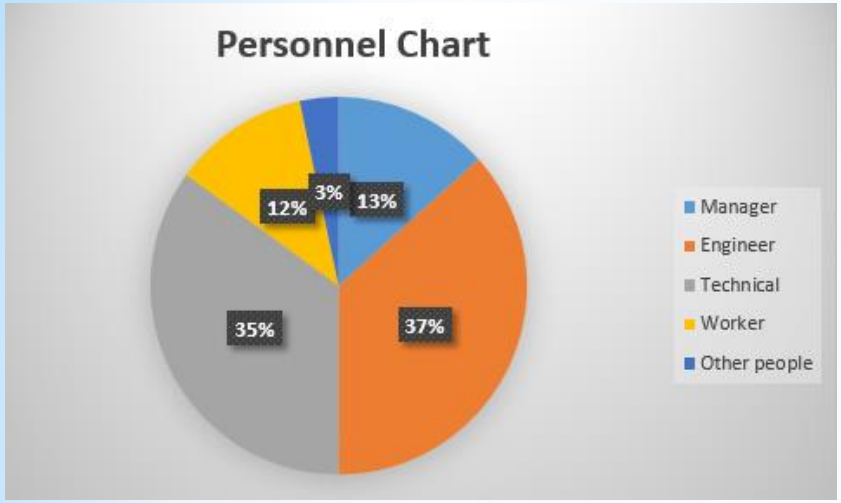
***Thanks &Best regards!***

**Director:Mr Phuong**

# * Company Introduction

| | |
|---|---|
| 2014 | • Halo has been established since 2014, based in Hung Yen province of Vietnam with the area of 300m$^2$. In the starting, we have had 3 staffs. . |
| 2015-2018 | • Halo was investing equipment system for making precision molds from leading brand names in MAKINO, MORI SEIKI, SODICK, NSD etc.. |
| 2019 | • Investing modern equipment system and Inspection machine as CMM TESA 3D for new electrical products. |
| 2020 | • Halo has set up an efficient quality & environment management system from beginning and been certified by BVQA on ISO 9001:2015 since 2020. At the same time, we have moved the factory to Giai Pham commune with the area is 3000m$^2$. |
| Now | • Since then, Halo constantly investing modern equipment system and production lines to meet the high and strict quality requirements of customers. |

## * Personnel Chart




**Manager: 8 Engineer: 22 Technical: 21**
**Worker : 7 Other people: 2**

| No | Name | Position |
|---|---|---|
| 1 | Phuong Van Le | Director |
| 2 | Dan Thanh Hoang | Vice director |
| 3 | Thanh Van Hoang | Vice director |
| 4 | Ha Thanh Le | Factory manager |
| 5 | Truong Doan | Quality manager |

## * Business Criteria

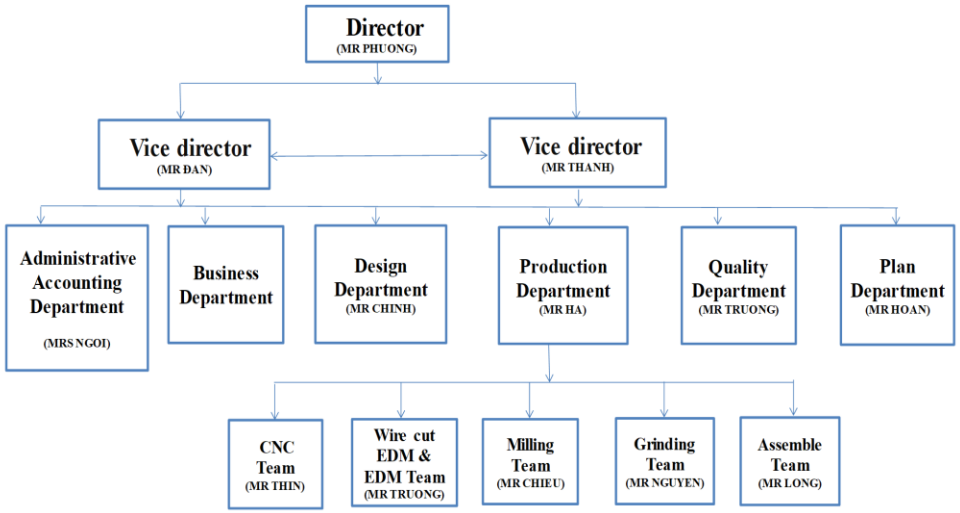





HALO MOLD TECH CO., LTD

# * Personnel Chart

## COMPANY ORGANIZATIONAL CHART






# * Certification



BVQA

CERTIFICATE

Awarded to

HALO MOLD TECH LIMITED COMPANY

Km3, Road 376, Giai Pham Commune, Yen My District, Hung Yen Province, Vietnam

BVQA International Certification Body certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the Management System standard detailed below

STANDARD

ISO 9001:2015

SCOPE OF SUPPLY

MANUFACTURE AND SUPPLY OF MECHANICAL PRODUCTS

Original approval date: 08-12-2020

Subject to the continued satisfactory operation of the organization's Management System to the above standard, which will be monitored by BVQA.

This certificate is valid until: 08-12-2023

To check this certificate validity please visit www.bvqa.org

Certificate Registration No.: 2020-Q04S-20114

This certificate remain the property of BVQA and must be returned on request.

IAF BVQA

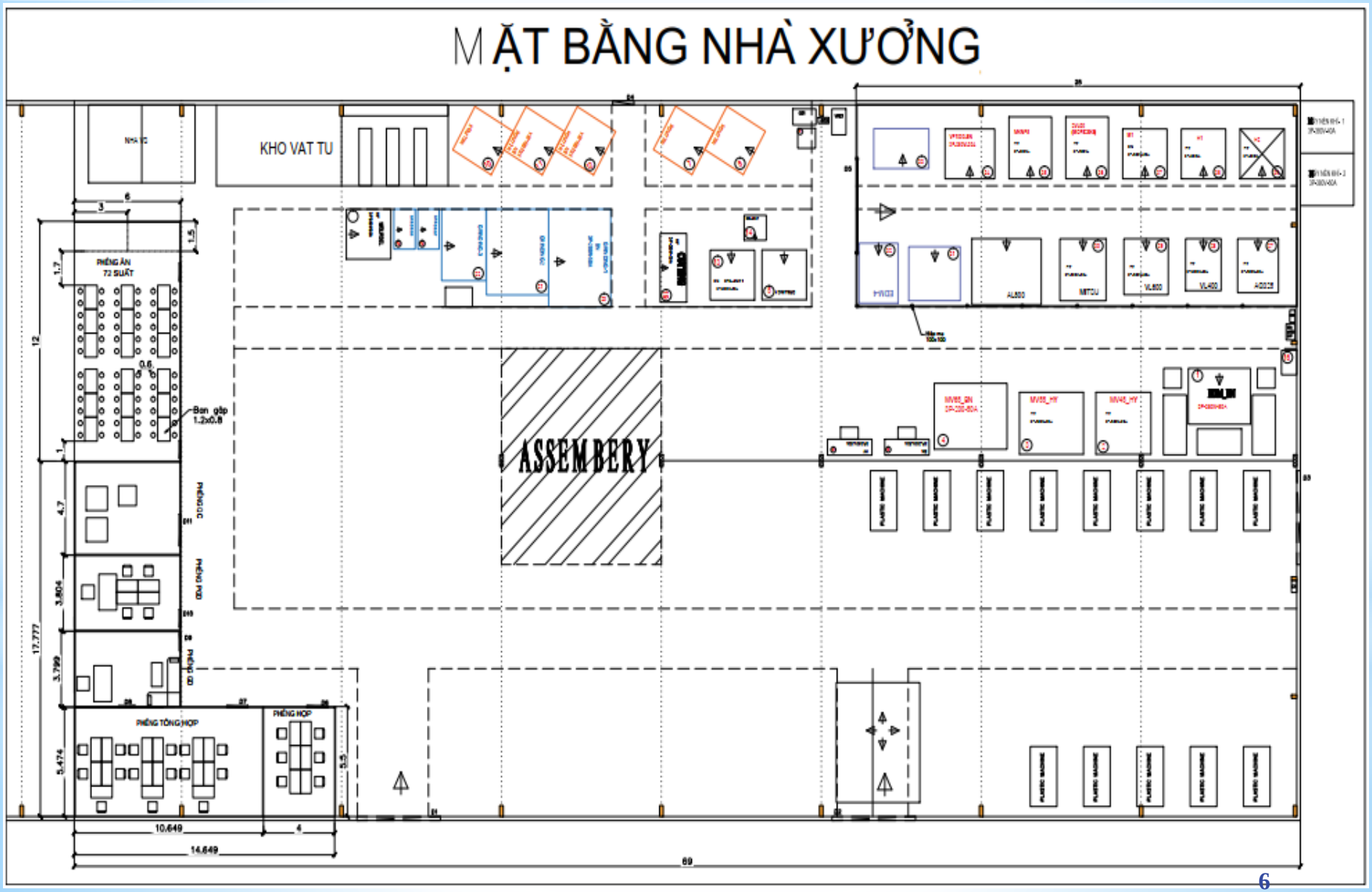
SYSTEM CERTIFICATION

Hanoi, 08-12-2020

Head of Certification
For BVQA Vietnam

HALO MOLD TECH CO., LTD

# * Layout Of Factory ( 3000m$^2$)



# * Mold making Equipments

| No | Machine group | Quantity | Main Maker |
|---|---|---|---|
| 1 | CNC machining center | 9 | Japan |
| 2 | Wire cut EDM machine | 6 | Japan |
| 3 | Milling machine | 9 | Korea |
| 4 | Grinding machine | 7 | Japan |
| 5 | EDM machine | 4 | Japan |
| 6 | Processing machine | 2 | Japan |
| 7 | Super drill machine | 1 | China |
| 8 | Laser weld machine | 1 | China |
| 9 | CNC drill Hankook NSD 1000K | 1 | Korea |
| 10 | Turning machine | 2 | Japan |
| 11 | Cutting Band Saw | 1 | Japan |
| Total Machine | | 43 | Japan |

# * Mold making Equipments

| No | Mechanical Name | Q't y | Maker | Machine group | Size Process |
|---|---|---|---|---|---|
| 1 | MAKIMO F5 | 1 | Japan | CNC machining center | 900-500-500 |
| 2 | HIISION | 1 | Taiwan | CNC machining center | 1000-600-600 |
| 3 | MORI SEKI | 1 | Japan | CNC machining center | 1500-650-650 |
| 4 | MORI SEKI | 2 | Japan | CNC machining center | 1100-550-510 |
| 5 | MORI SEKI | 1 | Japan | CNC machining center | 800-400-400 |
| 6 | MORI SEKI | 1 | Japan | CNC machining center | 600-400-400 |
| 7 | HASS | 2 | USA | CNC machining center | 750-450-350 |
| 8 | SODICK | 2 | Japan | Wire cut EDM machine | 600-400-300 |
| 9 | SODICK | 1 | Japan | Wire cut EDM machine | 350-250-220 |
| 10 | SODICK | 1 | Japan | Wire cut EDM machine | 750-500-500 |
| 11 | MISUBISHI | 1 | Japan | Wire cut EDM machine | 500-350-300 |
| 12 | GOLD SUN | 1 | China | Wire cut EDM machine | 800-500-400 |
| 13 | HWACHEON | 7 | Korea | Milling machine | 700-300-450 |
| 14 | HWACHEON | 2 | Korea | Milling machine | 700-300-450 |
| 15 | HITACHI | 1 | Japan | Milling machine | 800-350-300 |

| No | Mechanical Name | Q'ty | Maker | Machine group | Size Process |
|---|---|---|---|---|---|
| 16 | OKAMOTO | 1 | Japan | Grinding machine | 1000-500-400 |
| 17 | OKAMOTO | 1 | Japan | Grinding machine | 800-400-380 |
| 18 | OKAMOTO | 5 | Japan | Grinding machine | 500-280-280 |
| 19 | SODICK | 2 | Japan | EDM machine | 400-200-280 |
| 20 | SODICK | 1 | Japan | EDM machine | 550-400-350 |
| 21 | HOCHEN | 1 | Taiwan | EDM machine | 3000-1200-1200 |
| 22 | OOYA | 2 | Japan | Processing machine | 1000-700 |
| 23 | CMM TESA 3D | 1 | Switzerland | Inspection machine | 440-490-390 |
| 24 | GOLD SUN | 1 | China | Super drill machine | 400-300 |
| 25 | SAN HE | 1 | China | Laser weld machine | 800-800 |
| 26 | TUDOR MAX | 2 | Japan | Turning machine | 800-250 |
| 27 | OMADA | 1 | Japan | Cutting Band Saw | 600-250 |
| 28 | CNC drill Hankook NSD 1000K | 1 | Korea | Drill machine | 1200-710 |

# * Automatic Machine








**Automatic room**




**CNC machining center 900-500-500**




**CNC machining center 1000-600-600**



**EDM machine 400-200-280**

# * Machine System




EDM machine
3000-1200-1200



Wire cut EDM machines system



Milling machine
700-300-450




CNC drill Hankook NSD
1000K



CNC machining center 1500-650-650




Wire cut EDM machine

# * Machine System



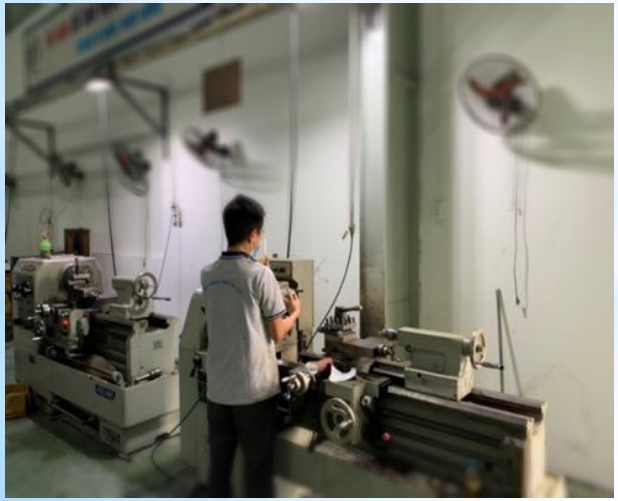
Milling machine System



Milling machine 700-300-450



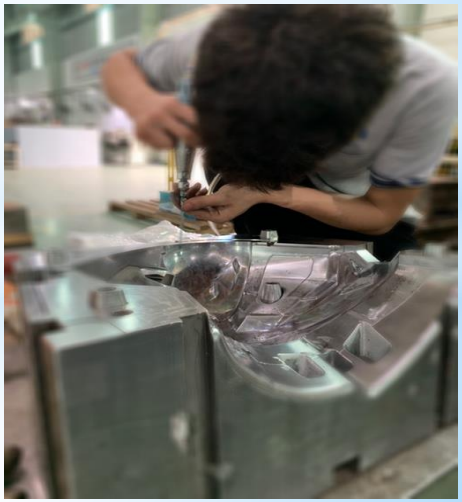
Grinding machine



Lathe machine



Laser weld machine



Polishing

# * Quality Machine




Electronic caliper



Measuring Machine 3D TESA microhite



Electronic micrometer 50-75



Portable hardness tester



Mechanical micrometer 75-200

# * Measurement Equipments

| No | Machine/ Tool | Unit | Quantity | Maker |
|---|---|---|---|---|
| 1 | Coordinate Measuring Machine 3D TESA microhite | Set | 1 | Switzerland |
| 2 | Portable hardness tester | Set | 1 | China |
| 3 | Electronic micrometer 50-75 | Set | 10 | Japan |
| 4 | Mechanical micrometer 75-200 | Set | 10 | Japan |
| 5 | Electronic caliper | Set | 10 | Japan |
| 6 | Mechanical caliper | Set | 10 | Japan |
| 7 | High measuring machine | Set | 2 | China |

# * List Of Main Customer

DSM

Panasonic

HJC VINA

FUJI Xerox

ACE Antenna

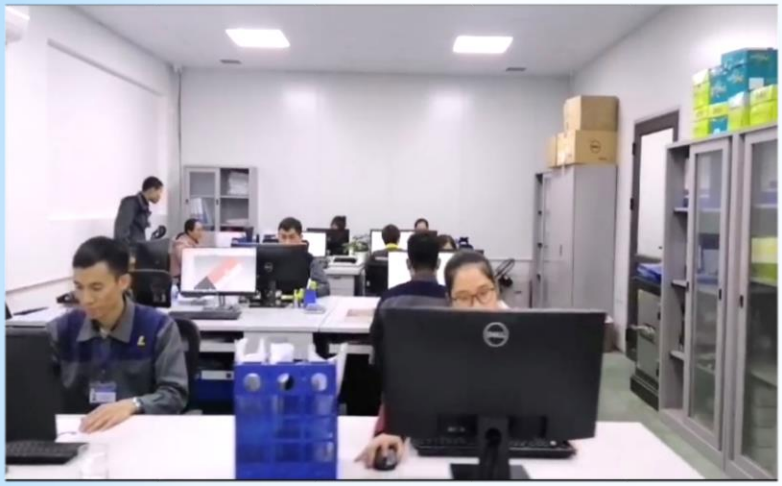
SEOJIN VINA

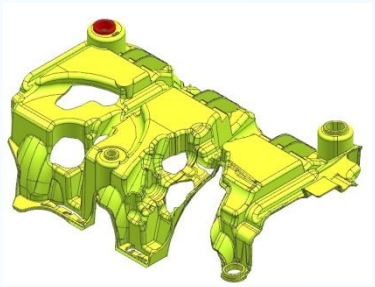
OHSUNG

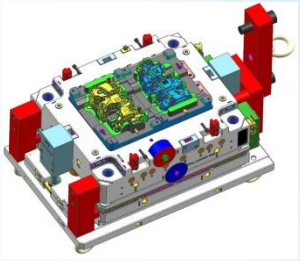
DONG YANG E&P
energy & power solution

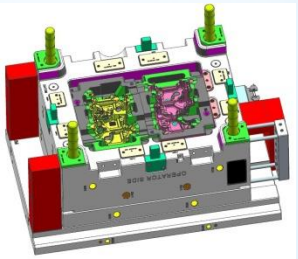
PHU AN® PLASTIC

# * Engineering Capacity

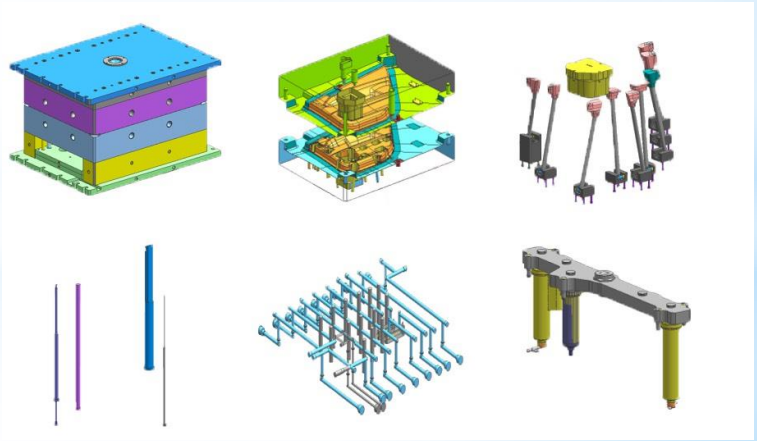












# * Moul Design Process

Data or sample from customer

Part analysis

- De-moulding analysis
- MOLDFLOW/MPI
- Wall thickness and dimension analysis etc.

Preliminary mould design

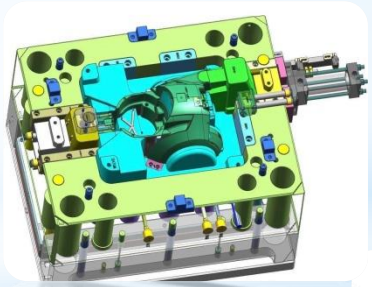
Mould design review ( Internal and with customer)

Optimize Mould design

- 3D/2D release
- BOM/ordering material



Give suggestions or solutions to customer to confirm ASAP .





# * Mould Making Process



Prepare Material

3D Mould Design Confirmation

Material Inspection

Deep Drilling

Hardening & Tempering

CNC Finish Milling

Wire Cutting

EDM

Drilling

Engraving

Polishing

Mould Match

Mould Trial 1

Mould Trial 2

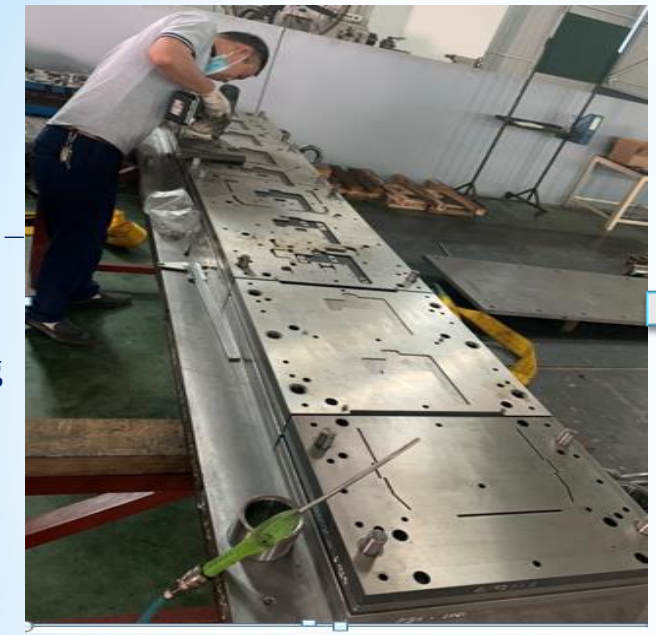
Mould Disassembling Inspection Before Shipment

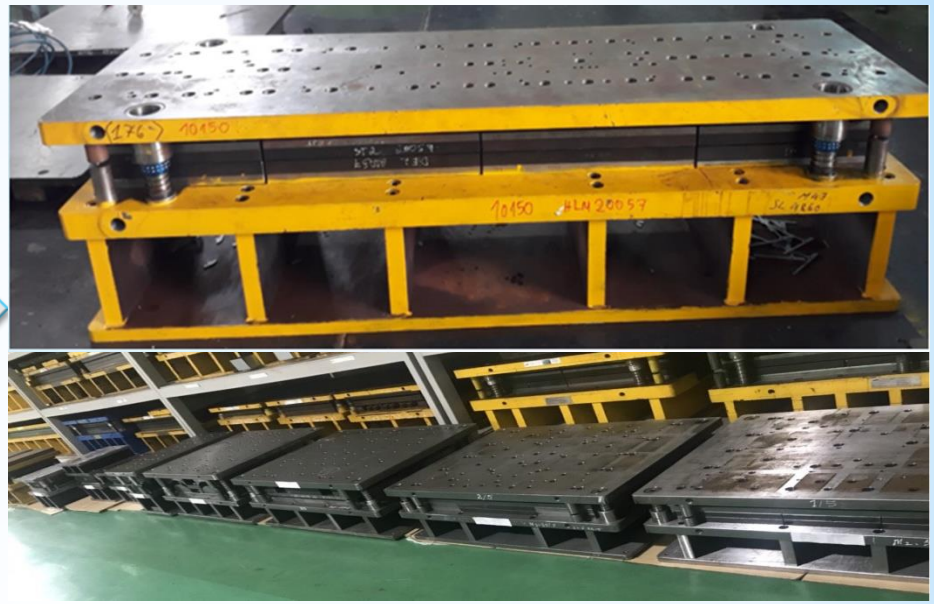
Photos( Oiling & packing) Before Shipment



# * Stamping Continuous Molds

101E-26901-CHASSIS – MD Mold of Shinheung





KA4100-LWR RAIL RH/LH Mold of LMS

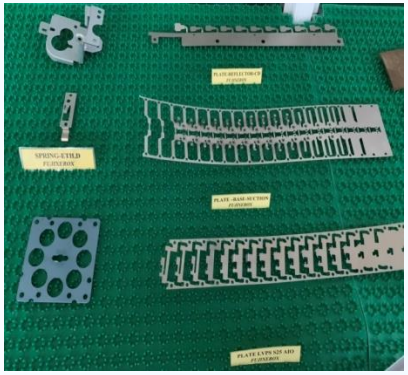


**Punch Molds Test**
**T0, T1.. Size**
**1.000mm -4.500mm**



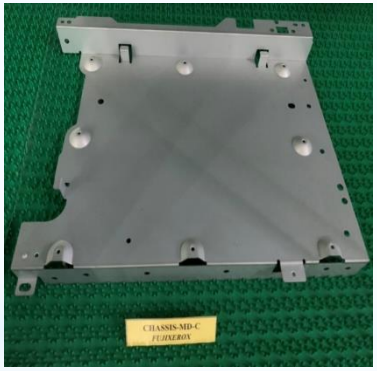
# * Metal Stamping Parts For Industrial







**Production Of Halo's Stamping Continuous Molds**







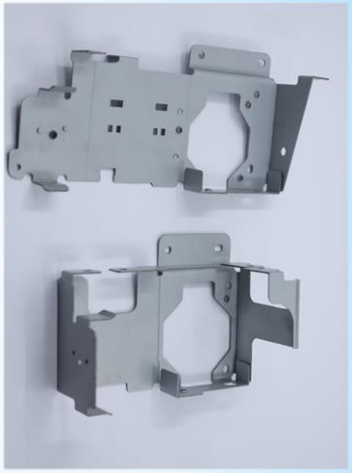
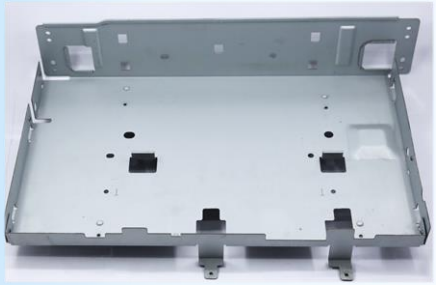
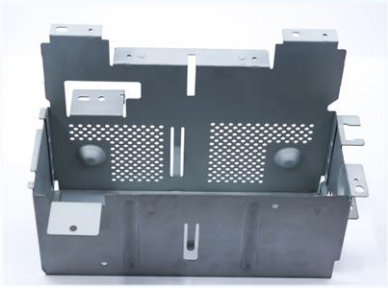
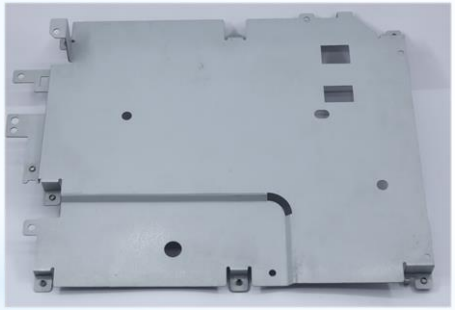
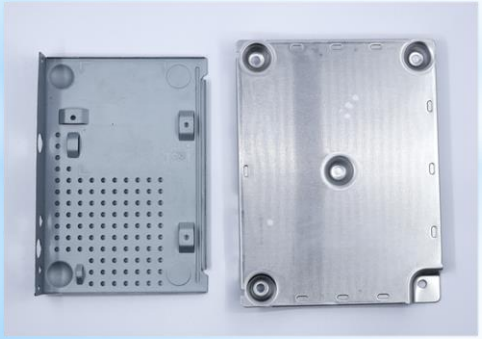
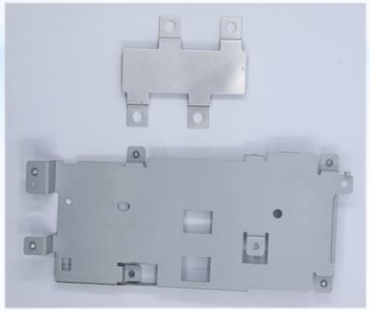
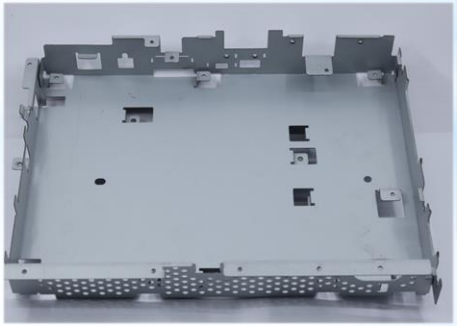
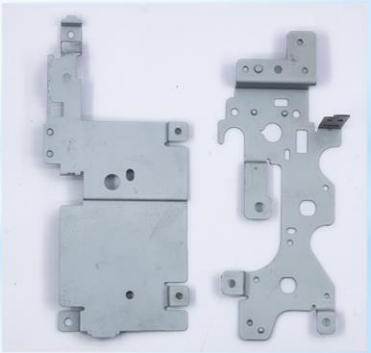

**Printer & Camera component products - Stamping Continuous Molds**



HALO MOLD TECH CO., LTD

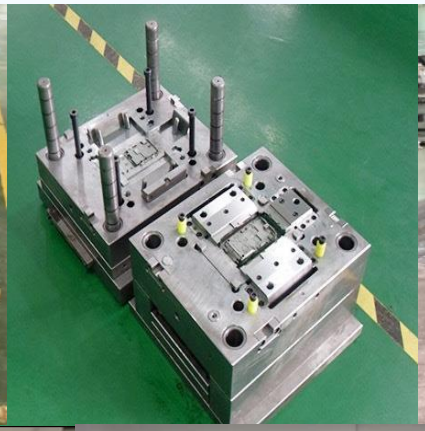
# * Metal Stamping Parts For Industrial

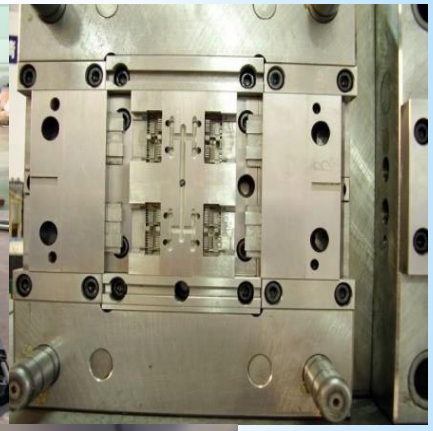


HALO MOLD TECH CO., LTD

# * Plastic Injection Molds

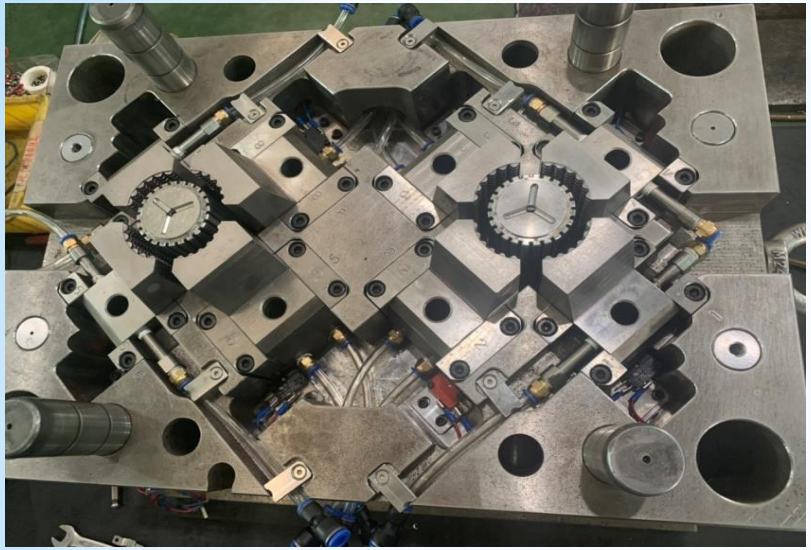



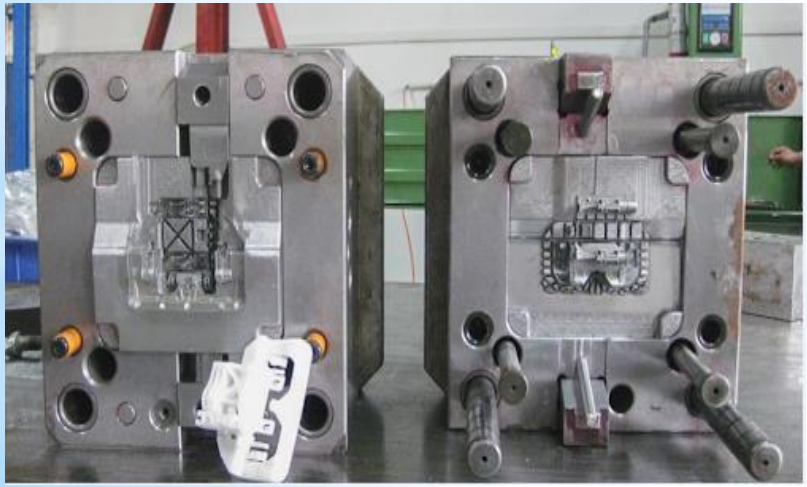
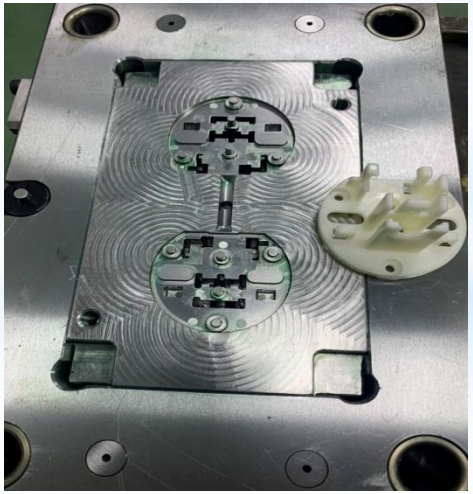





HALO MOLD TECH CO., LTD

# * High Precision Engineering Plastic Parts

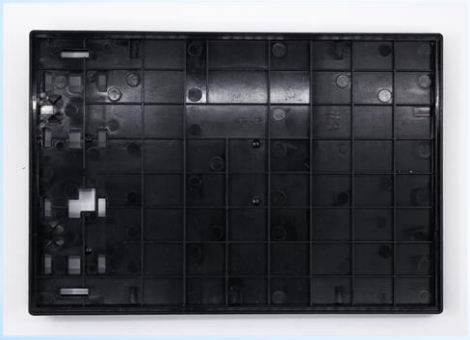



HALO MOLD TECH CO., LTD

# * Popular Engineering Plastic Parts Products



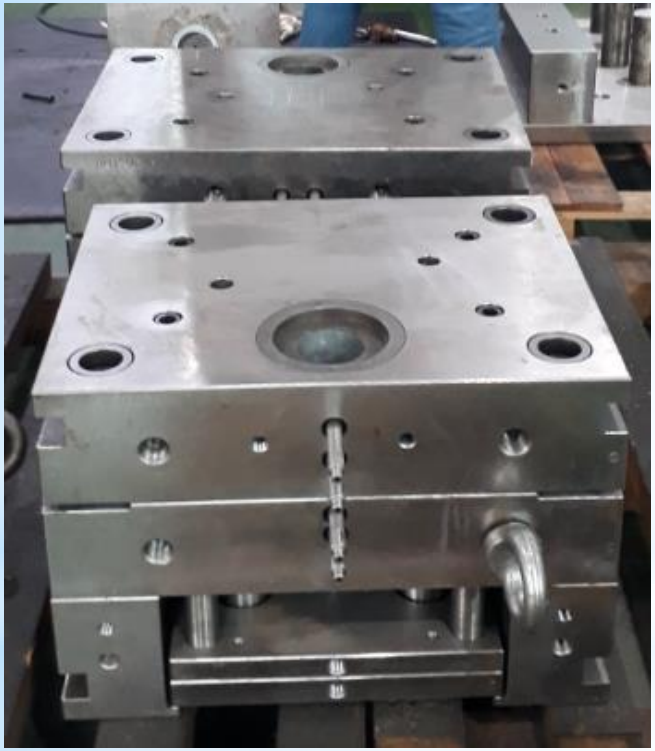


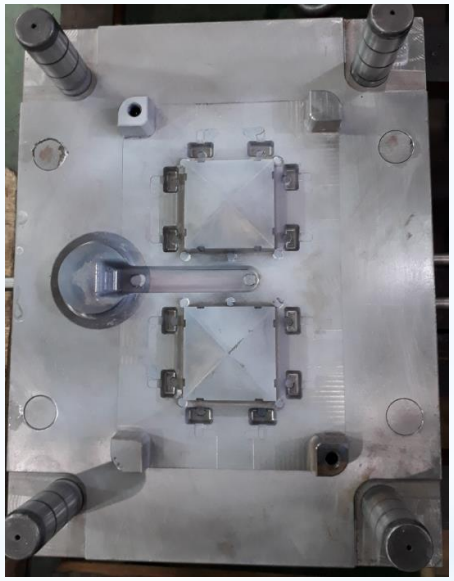


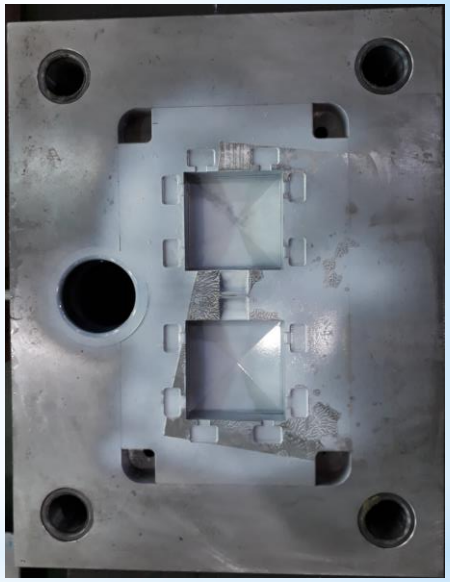


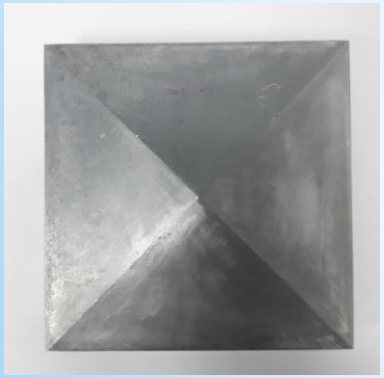
HALO MOLD TECH CO., LTD

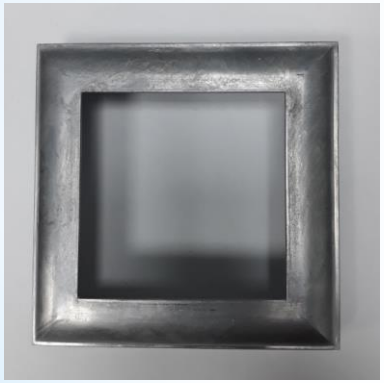
# * Aluminum Die Casting Molds

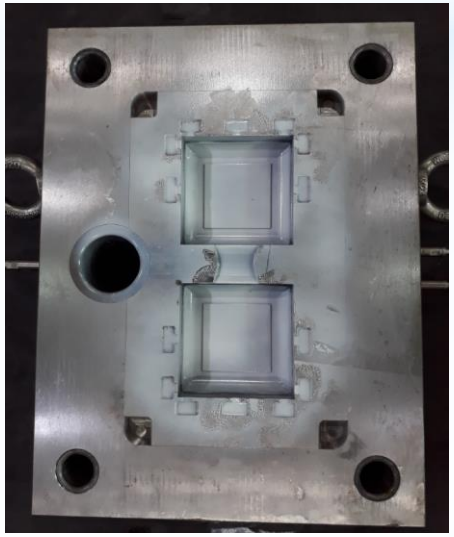








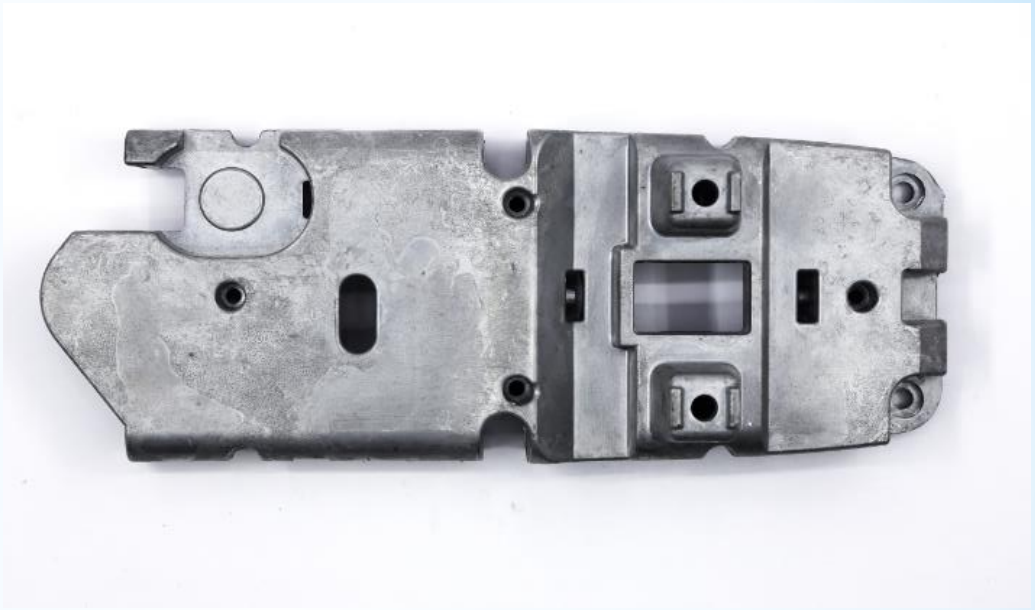






# * Aluminum Die Casting Molds





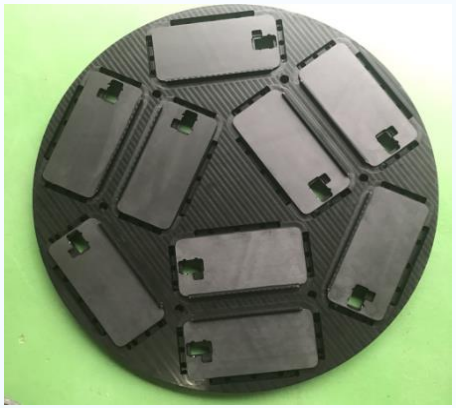






# * Applied Mechanic Parts(Jig)

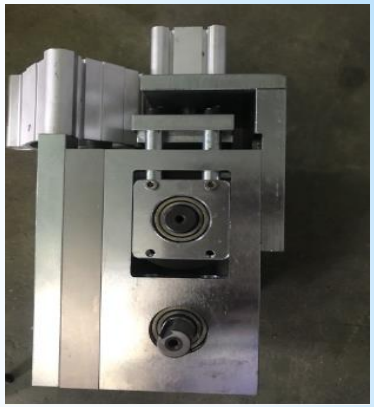
**Halo's Jig products.**



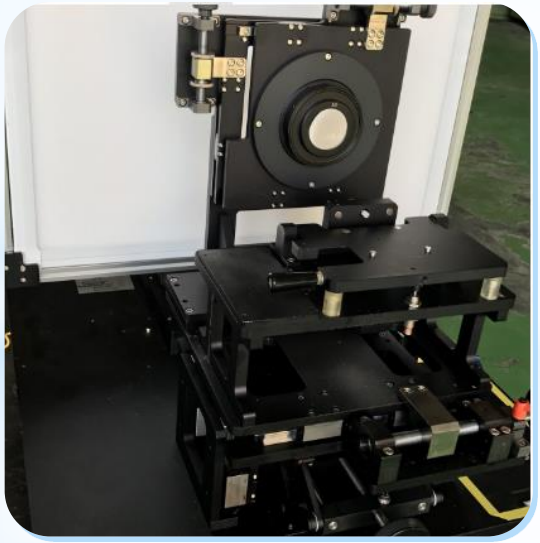
Jig for Samsung phone screen



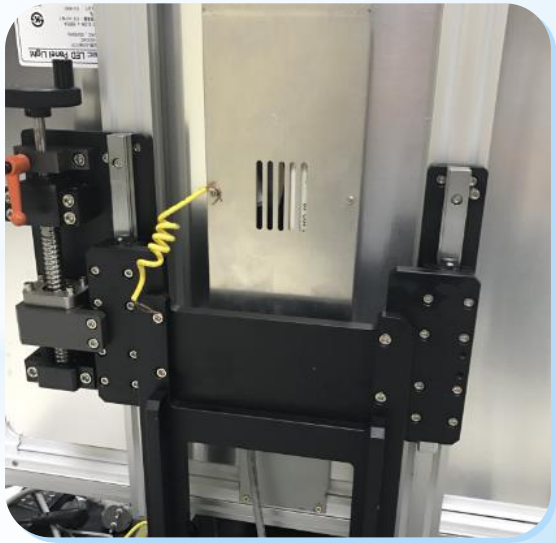
Jig test camera 1



Jig for cable reel structure of Car door glasses



Jig for inspection machine of camera 2



Jig for inspection machine of camera 3

# HALO MOLD TECH COMPANY LIMITED



# THANK YOU !