KeWay

PRODUCT CATALOG

# Parts, Molds & Equipment

A snapshot of our precision manufacturing range: hardware parts, plastic parts, molds, production fixtures and machinery equipment.

KeWay Technology (Zhongshan) Co., Ltd.
Product Catalog

RANGE OVERVIEW

# Five Product Series

## Hardware Parts

Extruded Metal Profiles
Machined Parts
Stamped Parts
Sintered Parts
Die-Cast Parts
Forged Parts

## Plastic Parts

Extruded Plastic Profiles
Injection Parts
Blow-Molded Parts
Silicone Compression Parts

## Molds

Injection Mold
Die-Casting Mold

## Production Fixtures

Tooling
Jigs

## Machinery Equipment

Auxiliary Equipment
Packaging Equipment
Laser Marking Machine

## Custom Projects

Send drawings and samples for a tailored manufacturing review.

PRODUCT 01

# 20W Fiber Optic Laser Marking Machine



A compact fiber laser marking system for permanent marks on metal and selected plastic components.

Model: KW-JGPM-G20

| | |
|---|---|
| **Laser power** | 20W |
| **Marking area** | 110 × 110 mm |
| **Wavelength** | 1064 nm |
| **Cooling** | Air cooling |
| **Protection** | IP54 |
| **Dimensions** | 600 × 850 × 1300 mm |
| **Weight** | 90 kg |

PRODUCT 02

# Injection Molds



Injection mold design and build with DFM review, mold-flow analysis, steel selection, machining, fitting and trial shots.

Model: KW-INJ-001

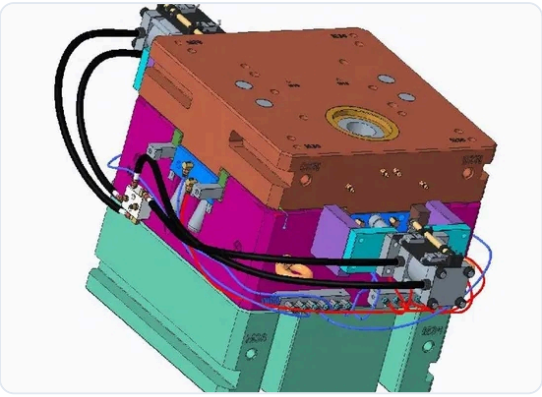
| | |
|---|---|
| **Mold type** | Injection mold |
| **Mold base** | Standard / custom |
| **Cavity** | Single or multi-cavity |
| **Steel** | P20 / 718H / S136 / H13 |
| **Runner** | Cold / hot runner |
| **Lead time** | According to part complexity |

## Typical Project Flow

1. Drawing and DFM review
2. Mold-flow analysis and structure confirmation
3. Steel and standard parts preparation
4. CNC, EDM, wire cutting and fitting
5. Trial shot, inspection and sample confirmation
6. Packing and shipment

PRODUCT 03

# Die Casting Molds



Die-casting mold design and manufacturing for aluminum, zinc and magnesium components, from design review to trial production.

Model: KW-DCM-001

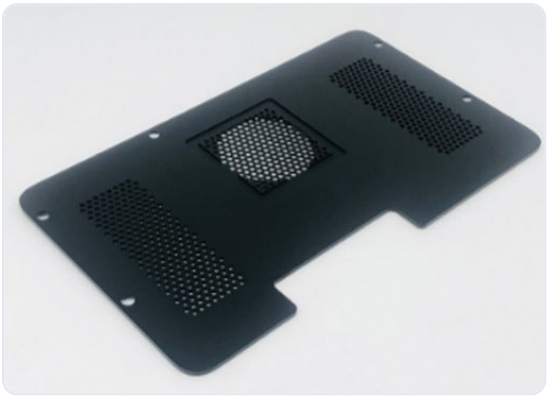
| | |
|---|---|
| **Mold type** | Die-casting mold |
| **Materials** | Aluminum / zinc / magnesium |
| **Mold steel** | H13 / SKD61 / 8407 |
| **Cavity** | Single or multi-cavity |
| **Cooling** | Water / oil lines as required |
| **Lead time** | According to part complexity |

## Typical Project Flow

1. Part review and casting feasibility study
2. Mold structure and gating design
3. Mold steel and insert preparation
4. Machining, EDM and heat treatment
5. Trial casting and dimensional inspection
6. Sample approval and production support

PRODUCT 04

# Stamping Metal Case



Galvanized Iron Roofing Sheet Zinc Aluminium Steel Sheet Stamping Metal Case for cell phone, automobile and 3D printing equipment.

Model: STAMPING-METAL-CASE

| | |
|---|---|
| **Material** | Steel, SPCC, 6061 Aluminum |
| **Processing** | Stamping, Drilling, Bending |
| **MOQ** | 300 |
| **Weight** | 0.9KG |
| **Board wall thickness** | 0.1 mm |
| **Overall dimension** | L59..5*W42.7*H2mm |
| **Specification material** | Aluminum5052 / Silver Anodize, With Salt Spray Test Over 96 Hours. |

## Applications

- Cell Phone
- Automobile
- 3D print machine
- Stamping Housing

PRODUCT 05

# AL6063 Aluminum CNC Parts Machining



Customized Rapid Prototype CNC Structural Applications.

Model: CNC-MACHINING-PARTS

| | |
|---|---|
| **Materials available** | Stainless Steel, Aluminum, Metals, Copper, Carbon Steel, Alloy |
| **Measurement standard** | GD&T |
| **Diameter options** | Custom Sizes Available |
| **Processing technology** | Precision Machining, CNC Milling, Turning |
| **MOQ** | 1 PCS |
| **Delivery time** | 15-20 days |
| **Payment terms** | T/T L/C |
| **Supply ability** | 500000PCS/WEEK |
| **Packaging** | bag+carton |

PRODUCT 06

# Sintered Parts (FP-SINM-048)



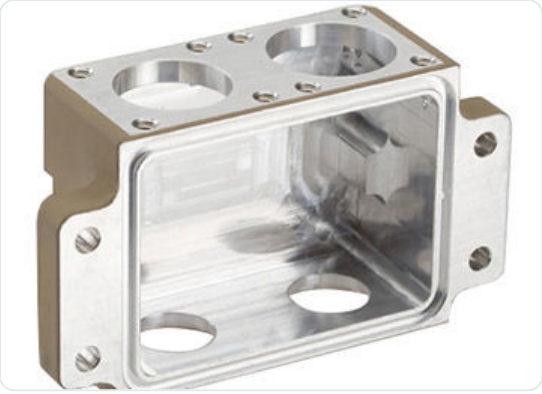
Sintered parts for concentric spur gears, helical/bevel gears, coupling components and tooling fixtures.

Model: FP-SINM-048

| | |
|---|---|
| **Material** | Iron power, metal power, SUS steel power |
| **Materials option** | SUS Steel, Brass, Copper, metal, alloy |
| **Tolerance** | ±0.005mm to ±0.01mm (According to Your Requirements) |
| **Surface treatment** | Anodizing, Plating, Powder Coating, Sandblasting, Polishing, PVD |
| **Quality control** | CMM Inspection, Projector, Hardness Tester, Salt Spray Test |
| **Equipment** | 3/4/5-Axis CNC Centers, CNC Lathes, Automatic Lathes |
| **Applications** | Aerospace, Medical, Automotive, Electronics, Industrial Automation |
| **Lead time** | 3-7 Days for Prototypes, 15-25 Days for Mass Production |
| **Certifications** | ISO 9001:2015, IATF 16949, RoHS, SA 8000 |

PRODUCT 07

# Precision Aluminum Die Casting Box



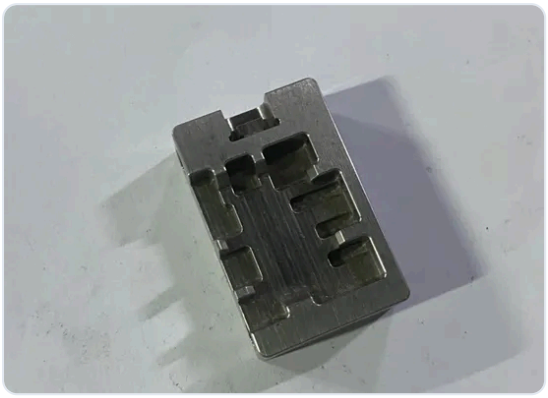
Precision machined Aluminum Die Casting Box for equipment/device, with ADC12 material and powder coating.

Model: ADC12

| | |
|---|---|
| **Material** | Aluminum |
| **Color** | White |
| **Weight** | Customized |
| **Shape** | Customized |
| **Delivery** | By Cargo Agent |
| **Specification** | ADC12 |
| **Surface treatment** | Powder coating or customized |
| **Application** | for equipment/device |

PRODUCT 08

# Hardened Alloy Steel CNC Milling Clamp Jig



Hardened alloy steel CNC milling clamp jig for welding fixture positioning on cutting production lines.

Model: KW-JIG-001

| | |
|---|---|
| **Material** | Nylon, steel, plastic, brass, alloy, copper, aluminum, iron |
| **Machining method** | CNC turning |
| **Tolerance** | ±0.003 mm ultra-high precision |
| **Surface treatment** | Polishing |
| **Heat treatment** | Hardening, tempering, quenching |
| **MOQ** | 1 piece prototype; mass production supported |
| **Certification** | ISO 9001:2015 |
| **Production capacity** | 200,000 PCS/month |

Applications: auto and motorcycle accessory, hardware tool, machinery accessory.

PRODUCT 09

# Versatile Compact Jig and Fixture Set



Versatile compact jig and fixture set for streamlined production, shown in two fixture configurations.

Model: KW-JIG-002

Applications: industrial equipment, electrical and electronics, automotive components, daily consumer goods, medical devices and sports equipment.

Secure project communication: drawings and project requirements are handled with care. Send drawings and requirements for review.

OEM and ODM, custom manufacturing and one-stop assembly services are available from design analysis through production.

PRODUCT 10

# Semi-Automatic Skin Packaging Machine



Semi-automatic skin packaging machine with HMI touchscreen control and freely adjustable time parameters.

Model: KW-SPM-001

| | |
|---|---|
| **Control** | HMI touchscreen |
| **Operation** | One-person operation |
| **Mold** | No special mold required |
| **Packaging effect** | Transparent film adheres tightly to the product |
| **Protection** | Shock, moisture and oxidation protection |
| **Investment** | About one-third of a fully automatic model |

Suitable for small and medium-sized enterprises and startups, with low packaging material and mold development costs.

PRODUCT 11

# Wood Pallet Block Cutting Machine



KW-1500 wood pallet block cutting machine for pallet production lines and pallet auxiliary equipment.

Model: KW-1500

| | |
|---|---|
| **Max plank length** | 1500 mm |
| **Max plank thickness** | 50–120 mm / 60–200 mm |
| **Block length** | 30–200 mm |
| **Saw blade diameter** | 400 mm |
| **Motor** | 7.5 kW |
| **Capacity** | 1500–1800 P/H |
| **Voltage** | Customizable |
| **Weight** | 350 kg |

High precision cutting, fast speed, small heat affected zone and low late maintenance cost.