



Highly Customized Prototyping, Small Batch and Varieties, Precision Parts Processing



www.zintilon.com



Zintilon Co., Limited

30,000 m² Plant Area

Quoting within 24 Hours

Shortest 3-day Lead Time

Minimum Order Quantity: 1 Piece

HERMLE 5-Axis CNC and ZEISS CMM

24/7 Working Time; 3 Shifts in Operation

20+ Years of Manufacturing Experience

ISO 9001, EN9100, IATF 16949, ISO 13485, ISO 14001, ISO 45001, ISO 50001

Established in 2014, Zintilon is a high-tech enterprise that specializes in customized precision parts of prototyping and low-volume manufacturing. We adhere to customer information confidentiality, help clients solve problems and break through technical difficulties.



FAST, PRECISE, DIVERSE

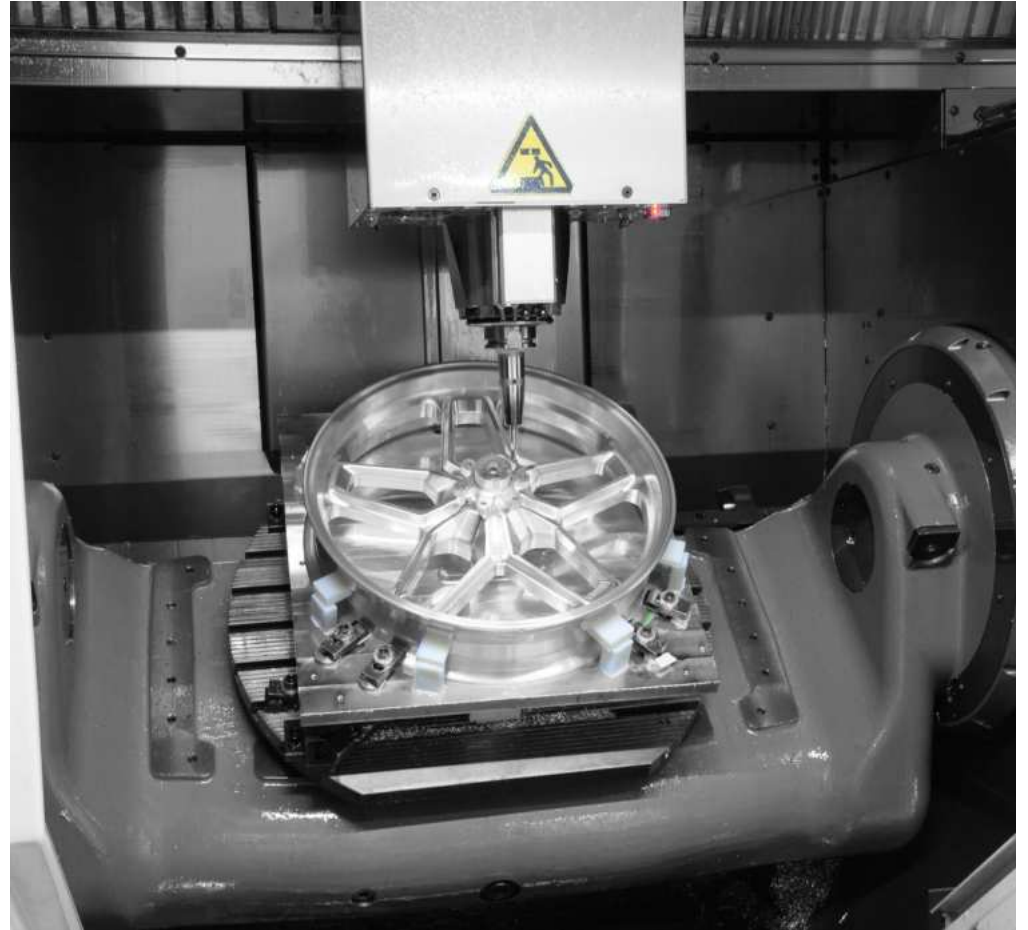
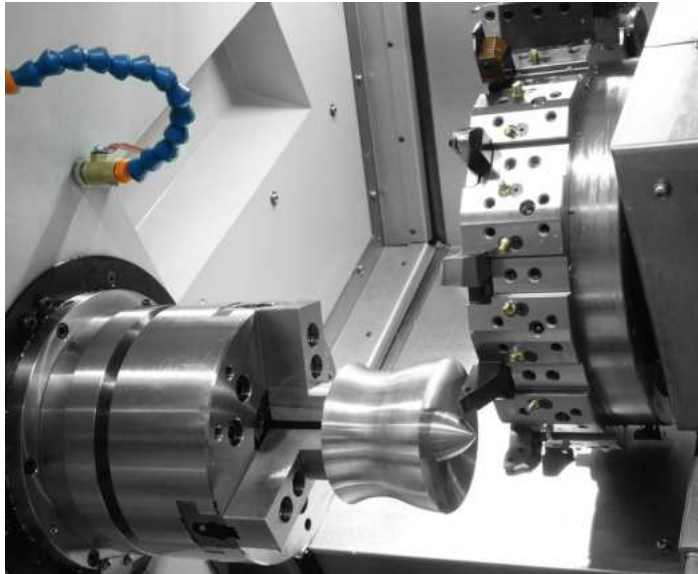
Accurate Service

Fast Turnaround

Proactive Communication

Diversified Post-Processing

Small Batch and Varieties, Precision Parts Processing



U.S. & European Advanced Equipment

Multi-Axis CNC Machining Centers

Turn-Mill Centers

Horizontal Machining Centers

CNC Turning Centers

CNC Swiss Type Automatic Lathe

Laser-Carving Equipment

Deep-Hole Drilling, Wire EDM Cutting

Capability

Highest Roughness: Ra 0.4

Highest Accuracy: $\pm 0.005\text{mm}$

CNC Turning: 500x2000mm

5-Axis CNC Machining: $\varnothing 1250 \times H1000\text{mm}$

3-Axis CNC Machining: 3000x2200x1100mm

Finishing: Anodizing | Powder Coating | DLC |

Plating | Sand Blasting | Mirror Polishing |

Ceramic Coating | Armoloy | HVOF

Assembly Service





Japan Top-notch Equipment

High Speed

High Precision

High Production Performance

Capabilities: Machining | Drilling | Tapping

Suitable for Small & Medium-Volume

Manufacturing Orders and Rapid Prototyping

Various Materials

Aluminum | Titanium |

Copper | Bronze | Brass |

Stainless Steel | Steel, etc.





Capabilities

Laser Cutting

Metal Bending

Tig Welding | Laser Welding

Bench Work: Tapping | Counter Sink | Embossing | Threading Hole | Riveting



Accuracy, Stability, Efficiency

Highest Accuracy: $\pm 0.01\text{mm}$

Laser Cutting: 3000x1500mm

Metal Bending: 3000mm

Iron | Aluminum | Copper | Stainless Steel Within Range of 0.5mm-20mm

Fast Lead-Time

Quality Objectives

Prototype Qualified Rate: 100%

Production Qualified Rate: $\geq 99\%$

On Time Delivery Rate: 98.5%

Complaint Rate: $\leq 2\%$

CMM Report, FAI, PPAP, COC,

Material Certificates are available

Fine Quality Control Process

IQC→IPQC→OQC

The inspection of each process can be traced

Quality Assurance

Strictly follow the international quality system

Systematically enroll in quality management programs

Strict Confidentiality System

Non-disclosure agreement and confidential workshop

Encryption software and hierarchical authorization access







Workplace

Employee-oriented modern office; Multi-dimensional talent system



Leisure Area

Comfortable environment; High work satisfaction and sense of belonging



Industries Served

Automobile, New Energy, Aerospace, Medical, Oil & Gas, Robotics, Communication, Semiconductor, etc.



Clients



Capability Check List

A. Processing Technique

- CNC machining (Most)
- Lathing
- Sheet metal
- Vacuum casting
- 3D printing
- Welding
- Laser cutting
- Rapid tooling
- Linear cutting
- Die casting
- Extrusion
- Injection molding
- Electric discharge machining
-



B. Finishing choices

- Anodizing (Most)
- Heat treatment
- Plating
- Painting
- Brushing
- Sand blasting
- Powder coating
- Laser carving
- Smooth polishing
- Mirror polishing
- Electro polishing
- Silkscreen
- Black oxide
- Passivate
- E-coating
- Chroming
- Alodine - Chem. Film
- DLC
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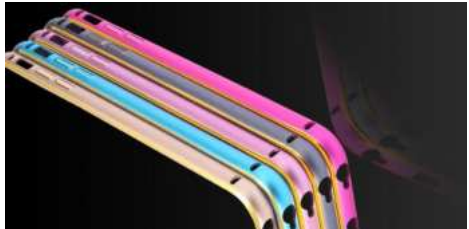


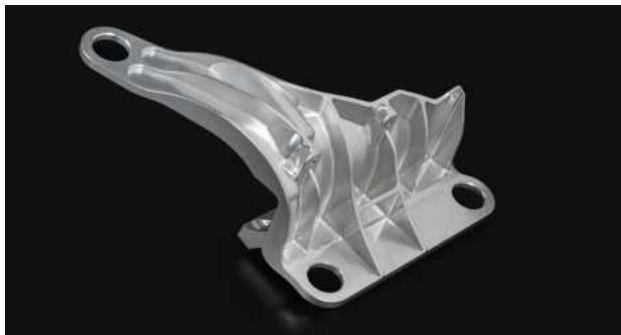
C. Materials

- | | |
|--------------------|---------|
| • Aluminum (Most) | • ABS |
| • Steel | • PMMA |
| • Stainless steel | • PU |
| • Iron | • Nylon |
| • Brass | • POM |
| • Copper | • PC |
| • Bronze | • PA |
| • Zinc | • PET |
| • Magnesium | • PVC |
| • Titanium | • PP |
| • Hastelloy | • PE |
| • Inconel | • PEEK |
| | • PTFE |
| | |



Samples







Zintilon Co., Limited

China:

Building.14, Dawangshan 3rd Industrial Park, Shajing Subdistrict, Bao'an District, Shenzhen, Guangdong, China, 518104

Singapore:

17 Tukang Innovation Drive #02-02 Singapore 618300

Tel: +86-755-23501660

Web: www.zintilon.com

Email: support@zintilon.com