Minhoo Group

Minhoo Auto Metal Parts (Guangzhou) Co., Ltd

Company Profile

Dedicated to Becoming a Global Leader in Metal Forming

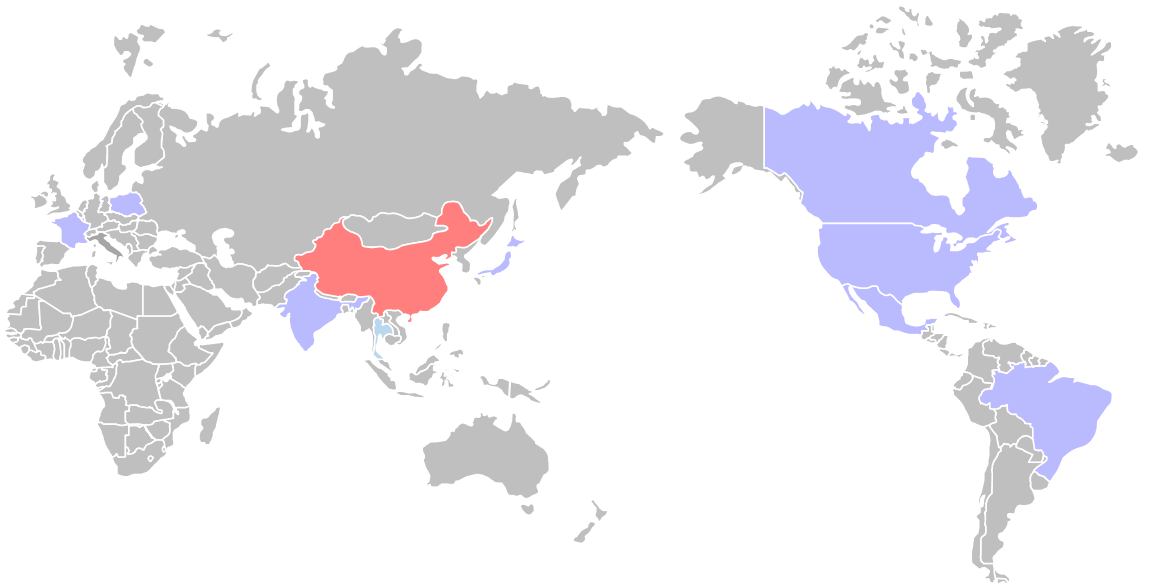


Version: 20250121

Name: Minhoo Group

Established: November, 2005

Website: www.minhoo.net



2 Large production base

Guangzhou & Xiangtan City

2 Large raw material processing base

Laibin(Guangxi Province) & Xiangtan City

300 Million-yuan turnover

Export turnover accounts for 20%

5 major business hub

Localization and On-site Services

400 Employee Name

40 R&D technicians

Development Major Event

2005
Minhoo established

2009
Start Cold Forming Business

2015
High-tech enterprise Awarded

2019
Collectivized operation

2020
localization

2021
Full industry chain finalized

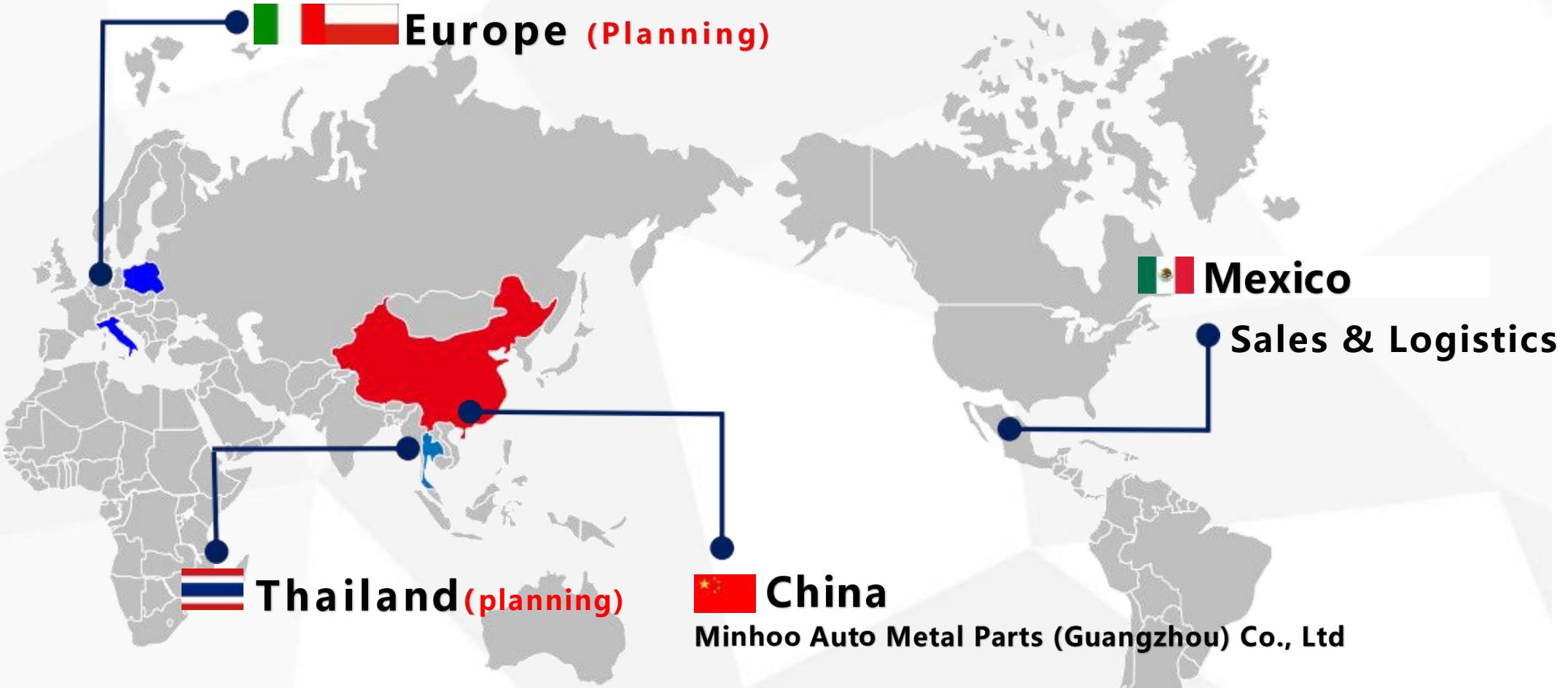
2022
Steady development

2023:
Solid Progress

2024
Embrace change

2025:
Ensure to do

Global business layout



Minhoo Auto Metal Parts (Guangzhou) Co., Ltd

Xiangtan Minghoo Auto Parts Co., Ltd

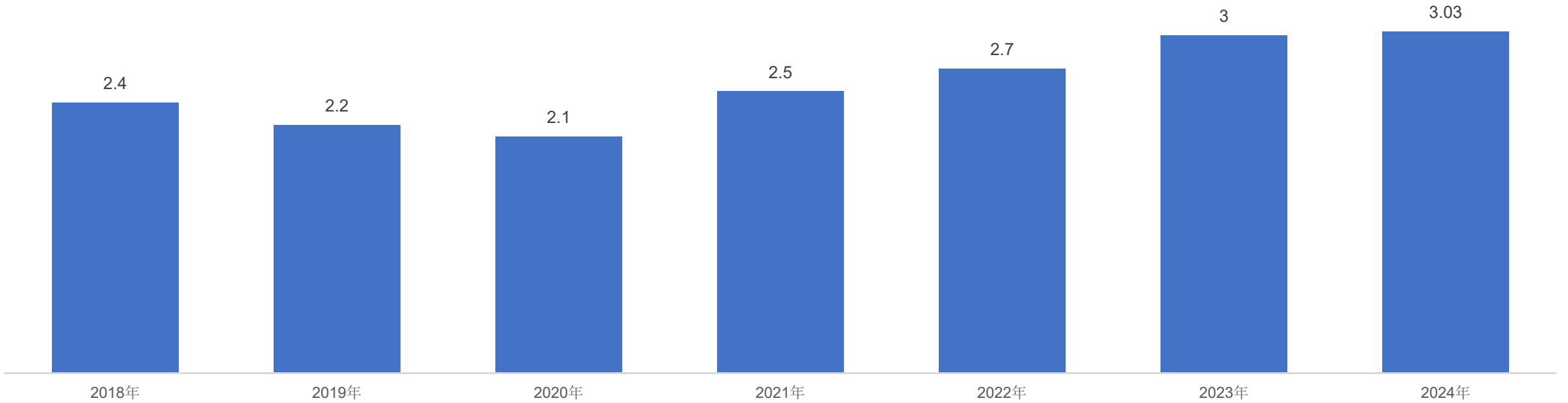
Xiangtan Mingxiang Metal Material Technology Co., Ltd

Mingzhi Light Alloy (Guangxi) Co., Ltd

Rapid business development

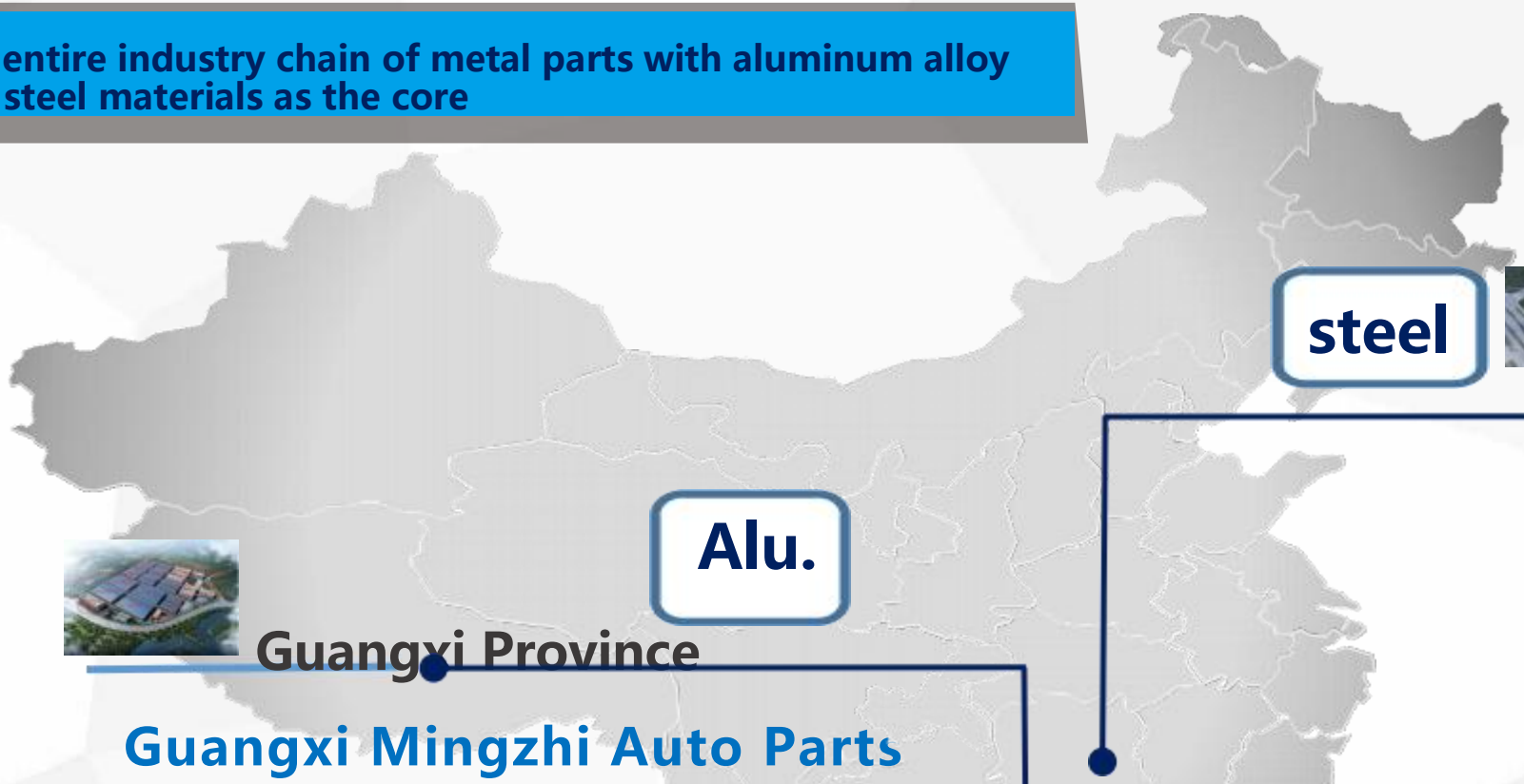
The company's business continues to grow rapidly annual growth rate of 12%

(Unit: 10K Million Yuan)



Global parts industry chain coverage

The entire industry chain of metal parts with aluminum alloy and steel materials as the core



steel



Hunan Province

Xiangtan Minxiang

Steel wire rod and steel pipe materials of various grades;

At the same time, it serves as the production base for the group's steel product composite processing

Alu.

Guangxi Province

Guangxi Mingzhi Auto Parts

Total factory area: 35,334 SQM

Aluminum tubes, wires, and profiles of various grades of aluminum alloy;

Also serving as a production base for the group's composite processing of aluminum products

HQ

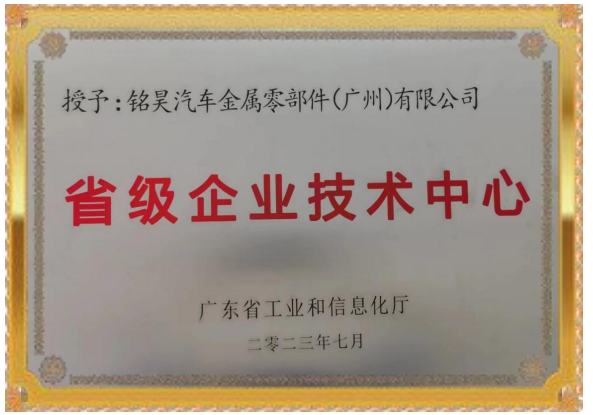
Guangdong Province

Sales Center &
global technology R&D center

Minhoo Honor



Chinese "little giant" firm



Provincial firm tech. center



Provincial R&D center



Chinese hi-tech firms



Guangzhou industry leading enterprise



Guangzhou clean production enterprise



Guangzhou enterprise R&D institutions



High Q&E cold heading near net forming technology

A comprehensive quality certification system

IATF 16949



ISO 14001



ISO 45001



Intellectual Property System



Independent R&D and whole process control

Take the lead in comprehensively filling the domestic technological gap in the fields of cold forging

Tolerance is controlled at ±0.01mm

Maximum machining size: φ45mm

The daily processing capacity is 500K pcs for cold forging

From dedicated raw materials, billets, cold heading, cold forging, CNC machining to non-destructive testing, we have an end-to-end process of independent production.

Production Line learned from HuaWei



President of Power & Door & Fastener Product Line
25 years of industry experience, member of the National Standards Committee

Mr. Chen



President of New Energy & Motor Product Line
20 years of industry experience, senior product expert

Mr. Tian



President of Shock Absorption Product Line
25 years of industry experience.

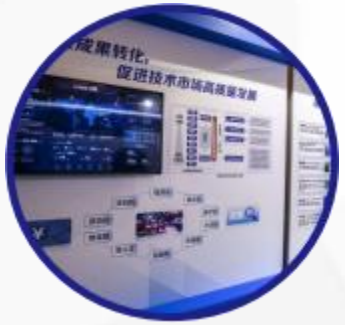
Mr. Hu



President of Chassis & Steering Product Line
25 years of industry experience, senior product and professional solution experience

Mr. Yuan

One-stop Technology Service Providers



Business model

From product design, to process development

Providing comprehensive services for production and manufacturing, reducing the technical barriers and costs for customers, utilized by customers.



Integrate internal and external resources, structure

Establish a comprehensive technical service system,

Ensure service quality and efficiency.

Business positioning

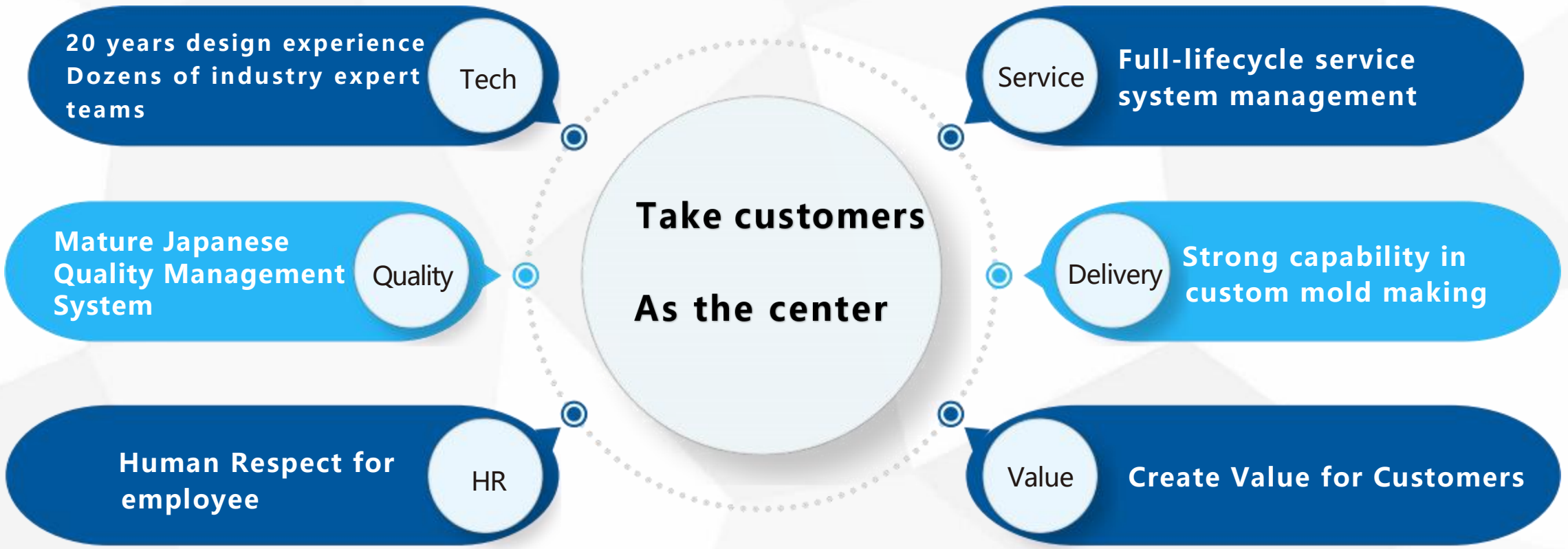


Based on customer needs, provide Customized technical solutions,

Help customers enhance product competitiveness and market share.

Advantages and Values

Forging-based composite one-stop products and services to reduce customer procurement and communication costs



Product System

Forged irregular parts

- Fitting Kit
- Large flange parts
- Irregular parts

Steel pipe products

- Cutting processing Flanging product
- Products with large deformation

Aluminum tube products

- Aluminum Profile
- Aluminum Tube
- Aluminum rod

powertain


engine pulley


Engine sensor components


Engine components

Brake System Components


Steering components

Seat



cooling


Water cooling circulation system fittings


Cooling water pipe



body


Automobile tailgate components


threaded sleeve of vehicle body

chassis


Battery tray


chassis shock absorber sleeve


Large flange for chassis shock absorption


Chassis damping toothed square tube


Chassis shock absorption components


Chassis shock absorption components

Typical customer: OEM

EV

Germany

Japan

US







Main customers

Chassis

F.tech
YOROZU
FUTABA INDUSTRIAL CO.,LTD.
y-tec 株式会社ワイテック
MAGNA COSMA INTERNATIONAL
WAPAC
Gestamp
Continental
DFI
FIGURE
USUI
BOGE RUBBER & PLASTICS
三沢興産
CMP AUTOMOTIVE GROUP
FUSHIANG 福州福祥
Vibracoustic
ZLC
DN AUTOMOTIVE
TOYO TIRES 东洋轮胎
RH 东海橡塑
Continental 康迪泰克
KINUGAWA 鬼怒川

Steering

MOTION & CONTROL NSK
SF Koyo
JTEKT Koyo TOYODA

Body

MAGNA COSMA INTERNATIONAL
Multimatic MOTORSPORTS
KIRCHHOFF
posco CHINA
WOUSHIANG
福州登裕 FUZHOU SHUAN YUE
德展

Battery tray

MINTH
JOHNSON ELECTRIC
ADAYO 华阳精机

Chair

GICO
MAGNA COSMA INTERNATIONAL

Introduction to Xiangtan Minhoo

Name: Xiangtan Minhoo Auto Parts Co., Ltd

Time of Establishment: 2024

Factory Address: No. 16, Hedong Avenue, Bantang Street, Yuetang District, Xiangtan City, Hunan Province

Total factory area: 40,000 square meters

Featured Service: Local Processing Expands to the Yangtze River Delta and Pearl River Delta Economic Zones

The factory's processing includes:
- ★ Cold heading
- ★ CNC
- ★ Stamping
- ★ Heat treatment
- ★ Hot forging





Production Equipment Introduction I



▲ Cold heading machine: 10 sets (6D6B)
▲1 set in Guangzhou, 9 sets in Xiangtan
▲ Tonnage: 190T (1 unit); 390T (7 units)500T (2 units)



High-speed heading machine: 1 unit (1D2B) in Xiangtan ▲ Wire cutting diameter: max 13mm
▲ Production Capacity: 1.32 million units/month



▲Vertical forging machine

▲ Tonnage: 630T

▲Production Capacity: 200,000 units/month



▲Hydraulic Press: 2 units (2 units in Xiangtan)

▲ Tonnage: 800T/100T

▲Production capacity: 300,000 units/month

Production Equipment Introduction II



▲CNC: 86 units (26units in Guangzhou, 60 units in Xiangtan)

▲Production capacity: 4 million units/month

▲Cold heading & tube: supporting composite precision machining



▲ Press Machine: 14 units (5 units in Guangzhou, 9 units in Xiangtan)

▲ Tonnage: 60T/110T/125T/200T

▲Cold heading & Tube: Composite processing supporting



Heat Treatment production line: 2 (Xiangtan factory)
Vacuum cleaning → quenching/tempering → vacuum cleaning → tempering

▲Applicable heat treatments: carbonitriding, carburizing, tempering, tempering, etc

▲ Equipment Capacity: 1.8 million pieces/month (approximately 360 tons/month)



▲ Thread tapping equipment: 4 units (Xiangtan factory)

▲Fully automatic processing and inspection: 0 PPM outflow



▲ Steel pipe & aluminum pipe cutting composite equipment: 12 units (Guangzhou factory)

▲ Processing Capacity: 6.5 million pieces/month



▲Six-slot fully automatic ultrasonic cleaning equipment (Xiangtan Factory)

Introduction to Xiangtan Mingxiang

Name: Xiangtan Mingxiang Metal Material

Technology Co., Ltd

Established: May 2019

Factory Address: No. 1688, Tianyi Avenue, Yishuhe Town, Xiangtan County, Hunan Province

Total factory area: 40,000 square meters (self-purchased)

Nearby steel mill: Xiangtan Iron and Steel Group

The factory's processing includes:

★ Pulling and pulling

★ Phosphorus saponification

★ Heat treatment



Introduction to Guangxi Mingzhi

Name: Guangxi Mingzhi Light Alloy Co., Ltd

Established: November 2022
Address: Qian'an Industrial Park, Laibin City, Guangxi Zhuang Autonomous Region (Aluminum Resource Cluster in Guangxi)

Total area of the factory: 35,334 square meters (purchased 53

acres of land)

Nearby ports: Fangcheng Port, Qinzhou Port, Beihai Port



The factory adopts an integrated manufacturing system, corresponding to the following processes:

★ Melting and Casting (Alloying)
★ Reverse extrusion & forward extrusion
★ Ultra-precision cold drawing
★ Mechanical Processing
★ Finished product assembly
★ Capable of researching, developing, and manufacturing special and new types of alloys



Equipment pictures of Guangxi Mingzhi



Mold furnace



Extruder



Aluminum rod furnace



The traction machine



Cooling machine



Time limited furnace

Minghao Mould Processing Capability

▲ Mold Design: Technical Department
Mold development cycle: 15 [illegible] days

Spark machine



Wire feeder



Milling machine



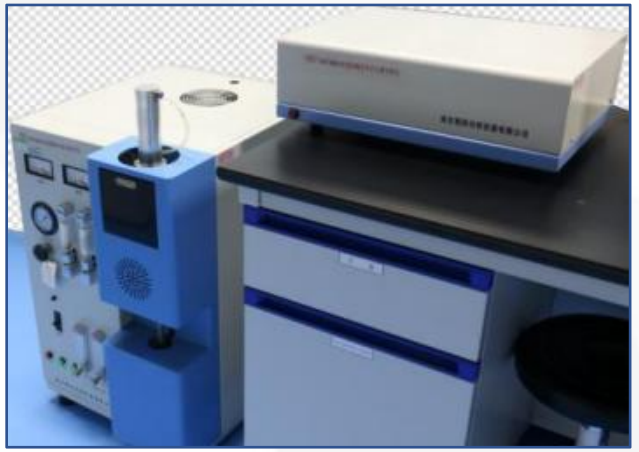
Grinding machine



CNC Center



Minghao’ s Measuring and Testing



Chemical analyzer



Metallographic microscope



Cleanliness inspection



Contouring instrument



Magnetic Flux Leakage Online Flaw Detection

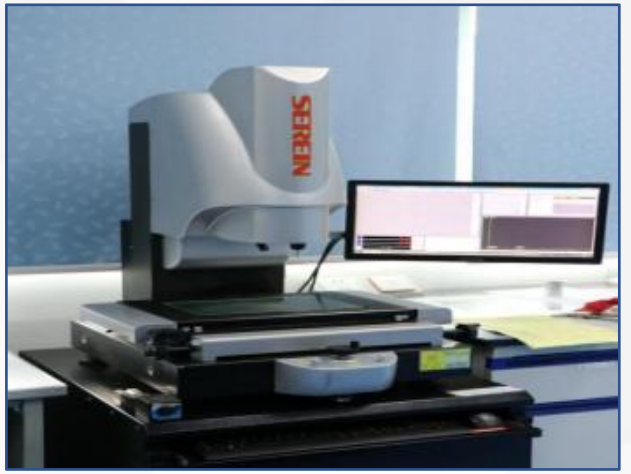


Image measuring instrument



CMM



Universal testing machine

Minhoo - Creating Value for Customers

Thank you

