威孚(中国) VF AUTOMOTIVE

COMPANY PROFILE 公司简介

湖南威孚始于1987年，深耕汽车零部件制造三十余年，在温州、湖南、广州、西安、北京布局五大制造基地，是国家级高新技术企业，也是吉利、北汽、比亚迪等头部车企核心合作伙伴。

公司专注汽车关键结构件研发制造，产品覆盖车身结构件、轻量化底盘、锻压钣产品、电池包箱体、热管理系统、储能电池等，为整车制造提供坚实支撑。历经初创蓄势、厚积薄发、提速突破、创新跨越四阶段，从传统冲压件稳步向新能源智能零部件转型。

2024年获评国家级专精特新中小企业，拥有多项轻量化专利，湘潭基地实现全流程数字化管控。2026年天津基地开工建设，年底投产后年产值有望突破20亿元，聚焦智能底盘、热管理系统、储能电池、智慧农机等高端业务，持续领跑新能源汽车零部件领域。

Hunan Weifu was founded in 1987 and has been deeply engaged in the manufacturing of automotive components for over 30 years. It has established five major manufacturing bases in Wenzhou, Hunan, Guangzhou, Xi'an, and Beijing. The company is a national high-tech enterprise and a core partner of leading automakers such as Geely, BAIC, and BYD.

The company focuses on the R&D and manufacturing of key automotive structural components. Its products cover body structural parts, lightweight chassis, roll-formed steel products, battery pack enclosures, thermal management systems, and energy storage batteries, providing solid support for complete vehicle manufacturing. Through four stages—initial accumulation, steady growth, accelerated breakthrough, and innovative leap—it has steadily transformed from traditional stamping parts to new energy intelligent components.

In 2024, it was recognized as a national-level "specialized, refined, distinctive, and innovative" SME, possessing multiple lightweighting patents, and achieving full-process digital management and control at its Xiangtan base. In 2026, the Tianjin base will commence construction. Upon reaching production by the end of the year, its annual output value is expected to exceed RMB 2 billion, focusing on high-end businesses such as intelligent chassis, thermal management systems, energy storage batteries, and smart agricultural machinery, continuously leading the new energy vehicle components sector.

业务板块/Business Segments

- 车身冲压板块 Body Stamping Segment
- 轻量化底盘车桥 Lightweight Chassis and Axle
- 模具开发 Mold Development
- 新能源电池包壳体 New Energy Battery Pack Case
- 智能线控底盘 Intelligent By-Wire Chassis
- 商用车钣金定制 Commercial Vehicle Sheet Metal Customization



发展历程/Development History





自1987年发轫于瑞安，企业历经近四十载砥砺深耕，完成了从传统冲压配套到新能源智能核心零部件领跑者的战略跨越。

Since its inception in Rui'an in 1987, the company has undergone nearly four decades of dedicated development, completing a strategic leap from traditional stamping support to a leader in new energy intelligent core components.

初创蓄势期 Initial Accumulation Stage

以吉利车身冲压奠定根基；

Established its foundation through Geely body stamping.

厚积薄发期 Steady Growth Stage

携北汽等主流主机厂实现全国布局；

Achieved nationwide expansion in collaboration with mainstream OEMs such as BAIC.

提速突破期 Accelerated Breakthrough Stage

通过九华新基地与高端产线投产，强势切入比亚迪、享界等新能源赛道，并突破军工配套资质。

With the commissioning of the Jiuhua new base and high-end production lines, it strongly entered the new energy sector of BYD, Xiangjie, and others, and obtained military industry supporting qualifications.

提速突破期 Accelerated Breakthrough Stage

获评国家级专精特新企业，深度绑定头部车企，实现电池包与电驱系统结构件量产，更以天津北方基地为支点，全面布局智能底盘与热管理系统。

Recognized as a national-level "specialized, refined, distinctive, and innovative" enterprise, deeply aligned with leading automakers, achieving mass production of structural components for battery packs and electric drive systems. With the Tianjin northern base as a pivot, it has comprehensively expanded into intelligent chassis and thermal management systems.

企业资质/Business Qualification



R&D CAPABILITY 研发试验能力

硬件实力/Hardware Strength



液压式冲压设备 Hydraulic Stamping Equipment

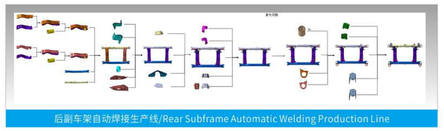
机械式冲压设备 Mechanical Stamping Equipment

焊接设备 Welding Equipment

智造实力/Manufacturing strength



智能底盘生产焊接线/Intelligent Chassis Production & Welding Line



后副车架自动焊接生产线/Rear Subframe Automatic Welding Production Line

MES系统/MES system



生产订单 Production Orders

系统能够实时追踪订单的执行进度，确保每一道工序、每一个环节的准确无误。

The system can track order execution progress in real time, ensuring accuracy in every process and every link.

质量可追溯 Quality Traceability

MES系统质量追溯功能利用先进的信息化技术，将生产过程数据实时视频采集，形成一个完整的质量追溯体系。

The MES system's quality traceability function utilizes advanced information technology to collect production process data and video in real time, forming a complete quality traceability system.

定制化设置 Customized Settings

系统设置分为三个部分，基本设置、通讯设置和其他设置。通过这些设置，可以提高软件的标准化和通用性，方便部署。

The system settings are divided into three parts: basic settings, communication settings, and other settings. Through these configurations, software standardization and universality can be improved, facilitating deployment.

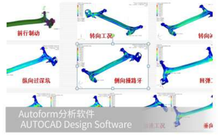
研发能力/R&D capability



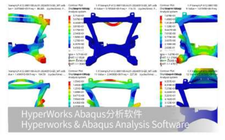
数模分析/Digital Model Analysis



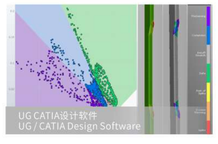
模具开发/Mold Development



Autoform分析软件 AUTOCAD Design Software



HyperWorks Abaqus分析软件 Hyperworks & Abaqus Analysis Software



UG CATIA设计软件 UG / CATIA Design Software



AUTOCAD设计软件 Autoform Analysis Software

试验能力/Experimental Capability

Croma系列三坐标测量机
Croma Series Coordinate Measuring Machine (CMM)

专为复杂曲面检测而匠心设计的精密仪器，兼备精度与速度，树立精度、效率新标准。高精度，高效率完成各种复杂的测量任务，满足各行业多元化检测需求。

A precision instrument meticulously designed for complex surface inspection, combining accuracy and speed, setting new standards for precision and efficiency. It completes various complex measurement tasks with high accuracy and efficiency, meeting diversified inspection needs across industries.

DCC Scanning扫描模块
DCC Scanning Module

测针长度最长可达225mm,方便进行深孔测量;配置微小的扫描测头，直径仅30mm，具有防撞保护功能;测量精度2.0μm起;

The probe length can reach up to 225 mm, facilitating deep-hole measurement. It is equipped with a miniature scanning probe with a diameter of only 30 mm and features anti-collision protection. Measurement accuracy starts from 2.0 μm.

邦亿熔深检测设备
Bangyi Weld Penetration Inspection Equipment

软件测量精度:0.001mm;物镜变倍范围:0.7-4.5X,变倍比:6.5:1;双目瞳孔调距:55-75mm

Software measurement accuracy: 0.001 mm; objective magnification range: 0.7–4.5X, zoom ratio: 6.5:1; binocular interpupillary distance adjustment: 55–75 mm.

VF AUTOMOTIVE 威孚 专注汽车 安全部件

展会专属咨询热线
Mr.徐
15306885572

公司邮箱
xuyiming
@hn-weifu.com

公司地址
湖南省湘潭市雨湖区雅爱路与东风路交叉路口

KEY CUSTOMERS 主要客户

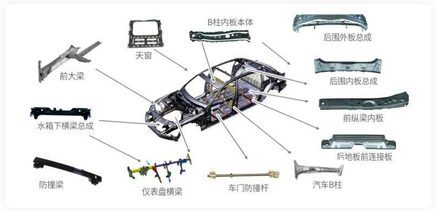
BAIC 北京汽车 | BYD 比亚迪汽车 | 吉利汽车 GEELY AUTO | 鸿蒙智行 | 享界 STELATO | 北京现代 | CATL 宁德时代 | 闪聚电池 | 国轩高科 GOTION HIGH-TECH | 五菱汽车

匠造精品零件 畅行五洲四海

ORGANIZATIONAL STRUCTURE

MATCHING PRODUCTS 配套产品

车身零件系列/Body Parts Series





前门外板/Front Door Outer Panel



天窗/Sunroof



侧围/Side Panel



车门防撞杆/Door Anti-Collision Bar



C柱/C-Pillar



D柱/D-Pillar

底盘零件系列/Chassis Parts Series



扭力梁/Torsion Beam

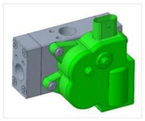


后副车架/Rear Subframe

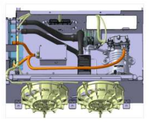
热管理系统/Thermal Management System



陶瓷加热器 Ceramic Heater



冷媒四通阀 Refrigerant Four-Way Valve



热管理系统产品 Thermal Management System Products

智慧农机/Intelligent Agricultural Machinery



耕野 S-03 智慧农业履带底盘
Tiebi S-03 Intelligent Agricultural Tracked Chassis

智慧农业轻量化履带底盘，400kg 自重可载800kg，1:12 高扭矩，适配全农业场景，搭载多类农机具；支持自主导航与远程操控，实现农业无人化。智能化作业，高性价比且耐重载。

Lightweight tracked chassis for smart agriculture, 400kg weight with 800kg load capacity, 1:12 high torque, compatible with all agricultural scenarios and various farm implements; supports autonomous navigation and remote control, enabling unmanned & intelligent agricultural operations with high cost-effectiveness and heavy-load resistance.



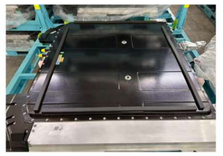
农芯智行
Nongxin Zhixing (Agricultural Core Intelligent Mobility)

农业全场景通用无人移动平台，适配播种、施肥、喷药、巡检、运输等农机具。自主导航、远程操控、智能调度，实现农业无人化、智能化作业。

Universal unmanned mobile platform for all agricultural scenarios, compatible with seeding, fertilizing, spraying, inspection, transportation and other equipment.Autonomous navigation, remote control and intelligent scheduling realize unmanned and intelligent agricultural operations.

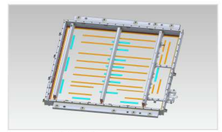
电池包箱体/Battery Pack Case





电池PACK是新能源汽车核心能量源，为整车提供驱动电能。作为新能源汽车的核心部件，其品质直接决定了整车性能。锂电池制造设备一般为前段设备、中段设备、后段设备三种，其设备精度和自动化水平将会直接影响产品的生产效率和一致性。

Battery PACK is the core energy source of new energy vehicles, providing driving electric energy for the whole vehicle. As a key component of new energy vehicles, its quality directly determines the performance of the vehicle. Lithium battery manufacturing equipment generally falls into three categories: front-end, mid-end and rear-end equipment. The precision and automation level of such equipment will directly affect production efficiency and product consistency.



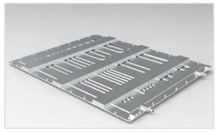
电池包箱体/Battery Pack Case



上盖/Top Cover



底护板/Bottom Shield



液冷板/Liquid Cooling Plate

标准件/Standard Parts



点焊螺母 Spot Weld Nut



凸焊螺栓 Projection Weld Bolt

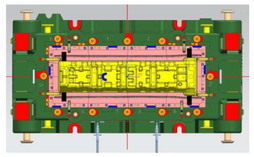


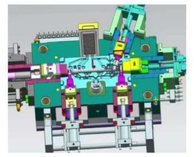
法兰面焊接螺母 Flange Lock Nut



四方焊接螺母 Square Weld Nut

模具开发/Mold Development





无人驾驶/Unmanned Driving

线控技术 (Drive-by-Wire)
Drive-by-Wire Technology

运动控制与路径规划
Motion Control & Path Planning

多模态交互与通信系统
Multimodal Interaction & Communication System

平台级模块化底盘设计
Platform-Level Modular Chassis Design

能源管理与动力系统
Energy Management & Power System

测试与仿真验证
Testing & Simulation Verification

VF AUTOMOTIVE 威孚 专注汽车 安全部件

Focused on Automotive Safety Components

匠造精品零件
畅行五湖四海

不断为您创造真正满意价值