



创佳绩永丰 阳品质制造

CREATE GOOD RESULTS, YONGFENGYANG QUALITY MANUFACTURING

河北丰阳橡胶制品有限公司

HEBEI FENGYANG RUBBER PRODUCTS CO., LTD

密封系统解决方案提供者

SEALING SYSTEM SOLUTION PROVIDER





01

公司介绍

Company Profile



**建于2016年，现代化民营企业
公司集产品开发、研制、生产经营为一体**

**Established in 2016, a modern private enterprise
The company integrates product development, research
and development, production and operation**

丰阳牌橡胶制品
Fengyang brand rubber
products

丰阳牌塑料制品
Fengyang brand plastic
products

一千多个品种的橡胶密封产品及塑料制品适用于车辆、建筑、
工程机械、太阳能发电 风力发电等行业

More than 1,000 varieties of rubber sealing products and plastic
products are suitable for vehicles, construction, construction
machinery, solar power generation, wind power generation and
other industries





公司位于河北省清河县城西工业园区
The company is located in Chengxi Industrial Park, Qinghe County, Hebei Province

产品出口美国、越南、法国、韩国、澳大利亚等国家
Products exported to the United States, Vietnam, France, South Korea, Australia and other countries

生产线 Production line

4条密封条三复合挤出生产线
4 triple extrusion production lines for sealing strip

4条单挤出生产线
4 single extrusion lines

2条橡塑软硬复合挤出生产线
2 rubber-plastic soft-hard composite extrusion production lines

炼胶机 硫化 注塑设备168台
Rubber mixing machine, vulcanization, injection molding equipment 168

生产能力 Production capacity

年设计生产能力达5000万米
Annual design and production capacity of 50 million meters

注塑件100余万套
Injection molding parts more than 100 million sets

固定资产 5000万
Fixed assets 50 million

设计创新 Design Innovation

省级研发中心
R & D Center

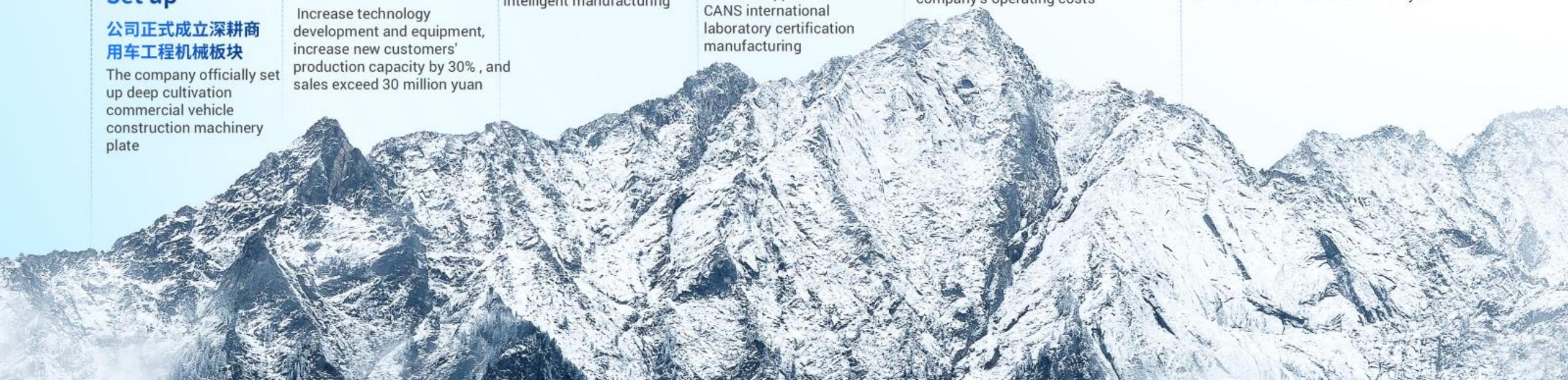
实验室
The lab

模具设计加工中心
Mold design and machining center

形成主机厂开发设计能力
Form the synchronous development and design capability of the host plant

2016	成立 Set up 公司正式成立深耕商用车工程机械板块 The company officially set up deep cultivation commercial vehicle construction machinery plate
2018	开发 Development 增加技术开发 更新设备 增加新客户 产能提高30% 销售额突3000万元 Increase technology development and equipment, increase new customers' production capacity by 30% , and sales exceed 30 million yuan

2019	探索 Explore 企业“数字化”运营 实现ERP数据化管理 工厂由制造转向智造 Enterprise“Digital” operation to achieve ERP data management plant from manufacturing to intelligent manufacturing	2020	投资 Investment 投资500余万元进行 橡胶制品的深度研究 申请CNAS国际 实验室认证 More than 500 million yuan investment in rubber and plastic products for research applications CANS international laboratory certification manufacturing	2021	提升 Promotion 发展数字化 信息化 智能化 上 线PLM 图纸管理系统和AGV 物流自动搬运程序 降低公司运营成本 The development of Digital, information, intelligent PLM drawing management system on-line formed an Information System + robot cooperation to reduce the company's operating costs	2022	蝶变 Butterfly change 投资3000万元建设年产500万件高 端密封件200万件塑料件二期智能车 间及设计研发中心 销售额突破5500万元 Investment of 30 million yuan to build an annual production of 5 million high-end seals 2 million pieces of plastic parts of the second phase of Intelligent Workshop and Design R & D Center sales exceeded 50 million yuan
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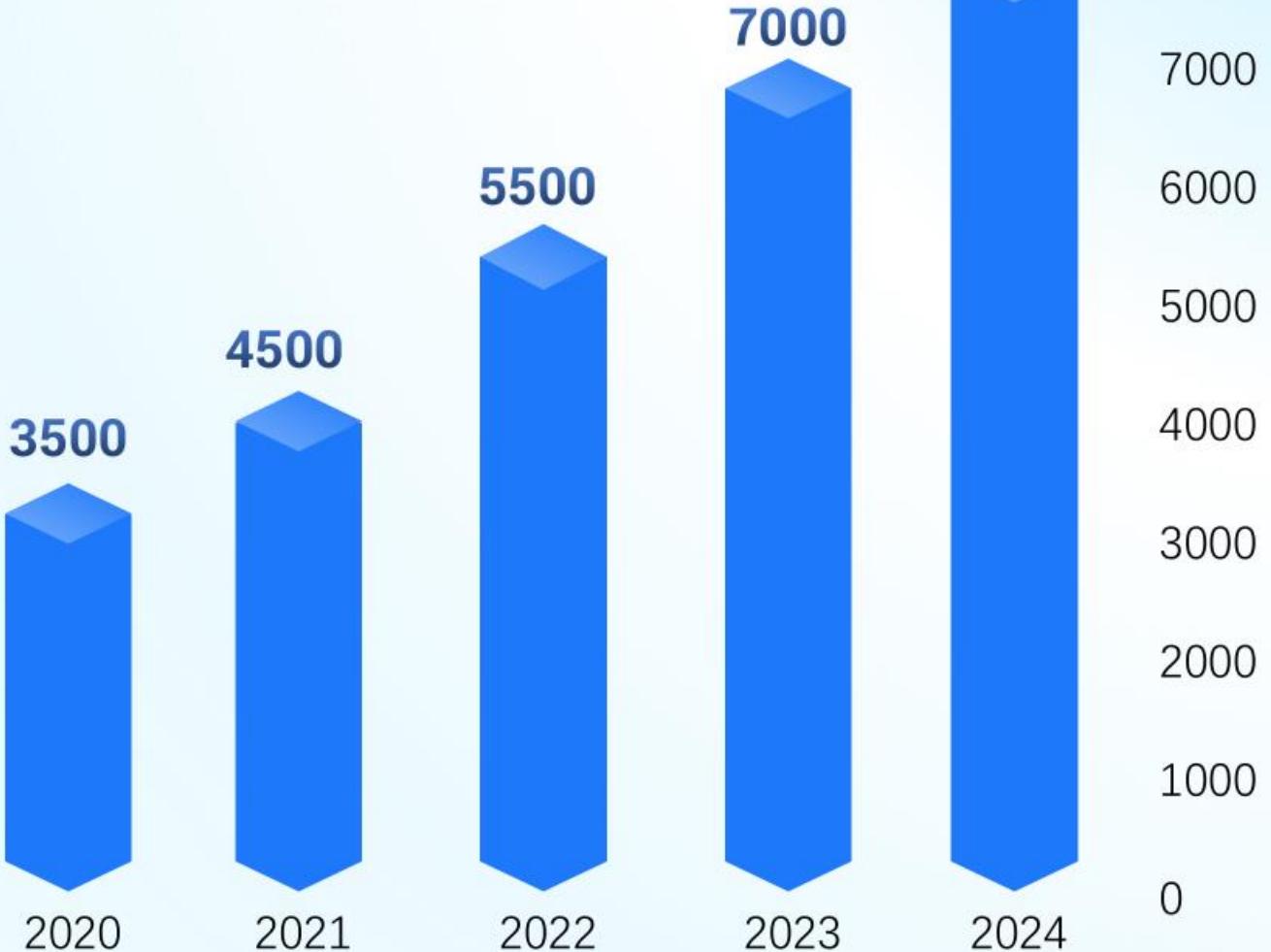
成绩斐然

With great success

销售额已经突
破到7000万

Sales have exceeded
80 million

单位：万元
10,000 yuan per unit



荣誉与资质

Honor and qualification



汽车密封条汽动切割装置
A synthetic rubber cutter



变裁面橡胶密封条接角模具
Rubber sealing strip joint mold for
variable cutting surface



汽车行李绘密封条
Car luggage painted seals

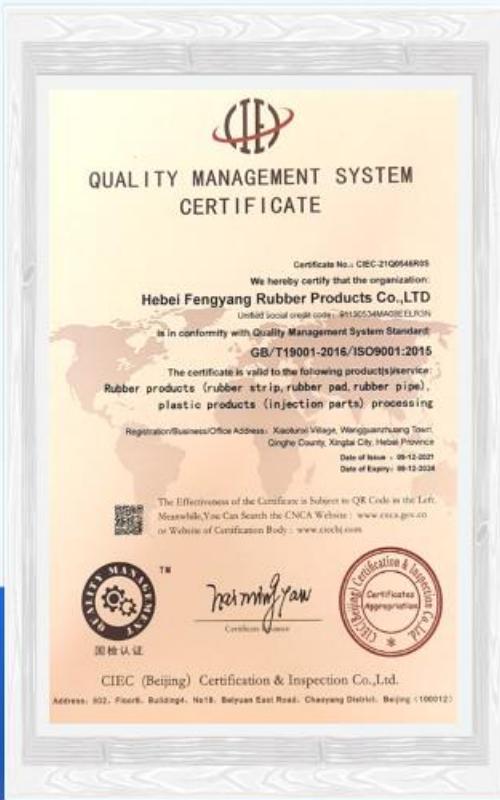


荣誉与资质

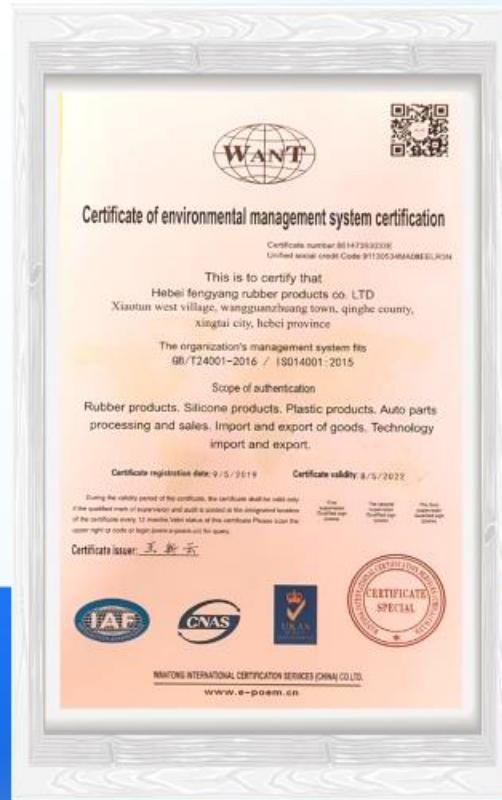
Honor and qualification



质量管理体系证书 QUALITY MANAGEMENT SYSTEM CERTIFICATE



环境管理体系认证证书 Environmental Management System Certification



荣誉与资质

Honor and qualification



合作伙伴 Partners



ZOOMLION
中联重科



大运汽车

诚信为本，竭诚为客户服务

Integrity-based, dedicated to customer service

全力为您的企业提供一流产品和服务，是您的理想合作伙伴
To provide first-class products and services for your enterprise, is your ideal partner

SINCERITY





02

产品系列

Product Series



应用配套 App Companion

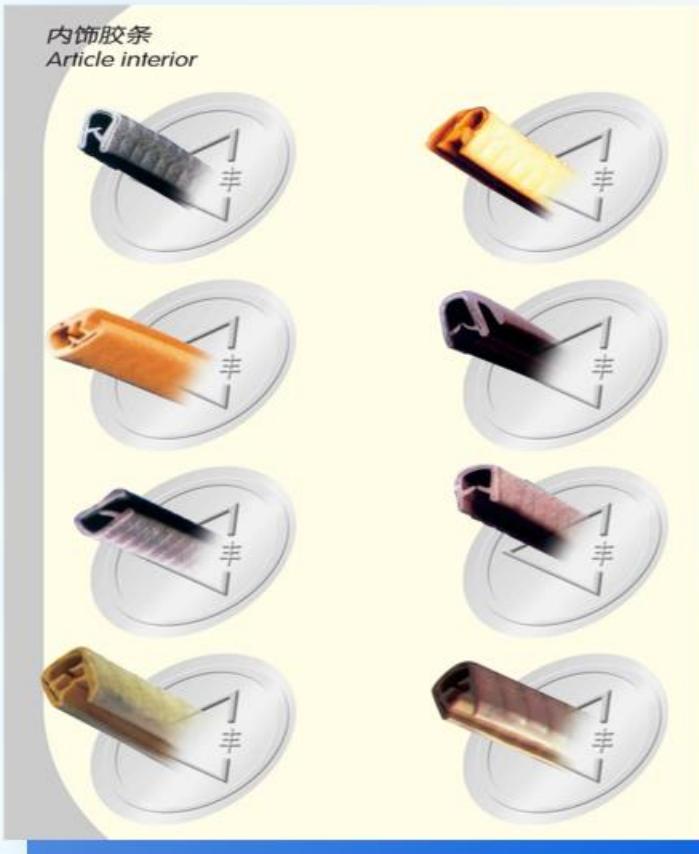


密封条系列 Matching models

材质覆盖
General Manager

EPDM、PVC、TPE，结构包括单挤出、二复合及三复合材料

EPDM, PVC, TPE, the structure includes single extrusion, two composite and three composite materials



密封条系列 Matching models

材质覆盖
GeneralManager

EPDM、PVC、TPE，结构包括单体、双复合及三复合材料

EPDM, PVC, TPE, the structure includes monomer, double composite and triple composite materials

密实密封条
Dense seal series



建筑门窗幕墙密封条
Building curtain wall sealing strip doors and windows



车门挡水条
The door retaining strip



胶管系列 Matching models

中冷进出气胶管

Air Inlet and outlet hose
with intermediate cooling

材质
Material

NBR、EPDM、Silicone

发动机进出水管

Engine Inlet and outlet
pipes

规格
Specifications

30mm~150mm



橡胶杂件制品系列 Series of rubber sundries

材质
Material

NBR、EPDM、NR SI



橡胶减震器
Rubber shock absorbers



防尘套
Dust jacket



护套
Jacket



驾驶室地板垫
Cab floor mats



密封圈
Sealing ring



过线护套
Thread sheath



推土阀手柄
Handle of bulldozer valve

塑料件系列 Series of rubber sundries

挖掘机塑料后机罩
Plastic back cover of excavator

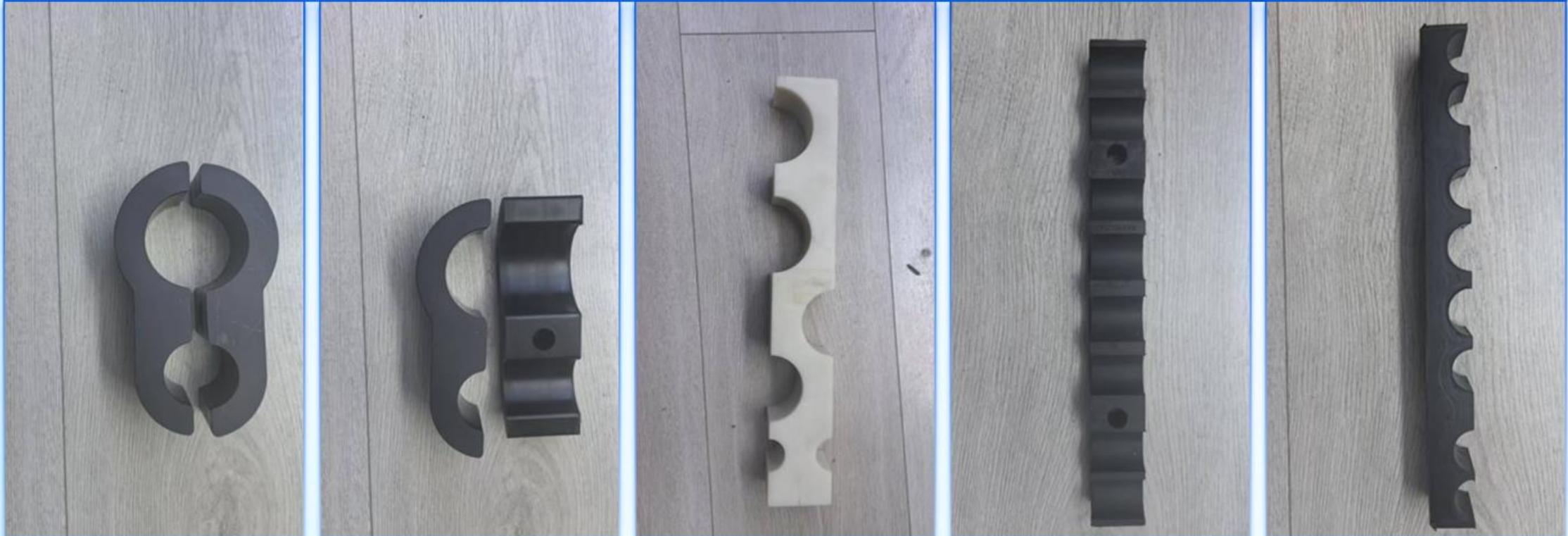


挖掘机塑料前下护板
Plastic front and bottom guard plate of excavator



塑料件系列
Series of rubber sundries

电缆线卡板 Cable line pallets



塑料件系列 Series of rubber sundries

车身后侧围总成
Rear side panel assembly



PC遮阳装饰板
PC sunshade decorative panel



PDCPD脚踏板
PDCPD pedals



合作产品

Cooperative products



电缆保险杠

CABLE TOWNSHIP BUMPER



447W8796P00L

电缆保险杠

CABLE TOWNSHIP BUMPER



447W9201P00L

电缆保险杠

CABLE TOWNSHIP BUMPER



457W5315P00L

电缆保险杠

CABLE TOWNSHIP BUMPER



445W2982P00L

电缆保险杠

CABLE TOWNSHIP BUMPER



447W8796P00L

复合胶条

COMPOSITE ADHESIVE STRIPS



450W2597P00L

装饰胶条

DECORATIVE STRIPS



105W1396P012

缓冲U型条

CUSHIONED U-SHAPED STRIPS



U90027

螺纹减震垫

THREADED SHOCKABSORBING PADS



454W2197P00L

橡胶垫片

RUBBER GASKETS



橡胶板

RUBBER SHEET



A9B10266939

橡胶平板

RUBBER FLAT PLATES



A9B10194559

橡胶套筒

RUBBER SLEEVE



C91635

橡胶垫片

RUBBER GASKETS



橡胶垫片 橡胶圈

RUBBER GASKET RUBBER RING



C91669

C30465 C30422

橡胶平板

RUBBER FLAT PLATES



AQB00536592

合作产品

Cooperative products



橡胶垫片
RUBBER GASKETS



CL0020

橡胶条
RUBBER STRIPS



AQB10192263

橡胶垫片
RUBBER GASKETS



C10022

阻燃海绵平板
FLAME RETARDANT SPONGE PLATE



114W6677POOL

带背胶海绵平板
SPONGE PLATE WITH ADHESIVE BACKING



C30974

阻燃海绵平板
FLAME RETARDANT SPONGE PLATE



114W6677P005

长边龙骨装饰胶条
LONG-SIDED KEEL DECORATIVE STRIPS



AQB10054827

橡胶垫片
RUBBER GASKETS



CQ1015

橡胶垫片
RUBBER GASKETS



公司现有特色产品

The company's existing featured products



过线管
WIRE PIPE



过线管
WIRE PIPE



不锈钢卡子
STAINLESS STEEL CLIPS



减震垫
SHOCK-ABSORBING PADS



电缆卡板
CABLE PALLETS



电缆卡板
CABLE PALLETS



03

应用实例

Application Cases



DCPD 产品应用介绍 DCPD product application introduction

15T工程机械产品DCPD罩壳开发，减少模具开发费用，以塑代钢轻量化替代不环保的玻璃钢类制品耐化学稳定性耐温120度

15T construction machinery, product DCPD shell development, reduce mold development costs, to replace steel lightweight plastic non-environmentally friendly glass fiber reinforced plastic products resistant to chemical stability temperature 120 degrees

155右侧装饰罩壳 1852*1017*445

155 right decorative housing 1852 * 1017 * 445



DCPD 产品应用介绍 DCPD product application introduction

陕汽 M3000 导流罩 替代SMC减重28%

Shaan automobile M3000 fairing, instead of SMC weight loss of 28%

陕汽 M3000 导流罩

Shaan automobile M3000 fairing



SMC



04

设计研发

Design and development



研发技术团队
General Manager

姓名
Name

魏宏喜 Dr. Wei

学历
Education

硕士 Master

现任
Incumbent

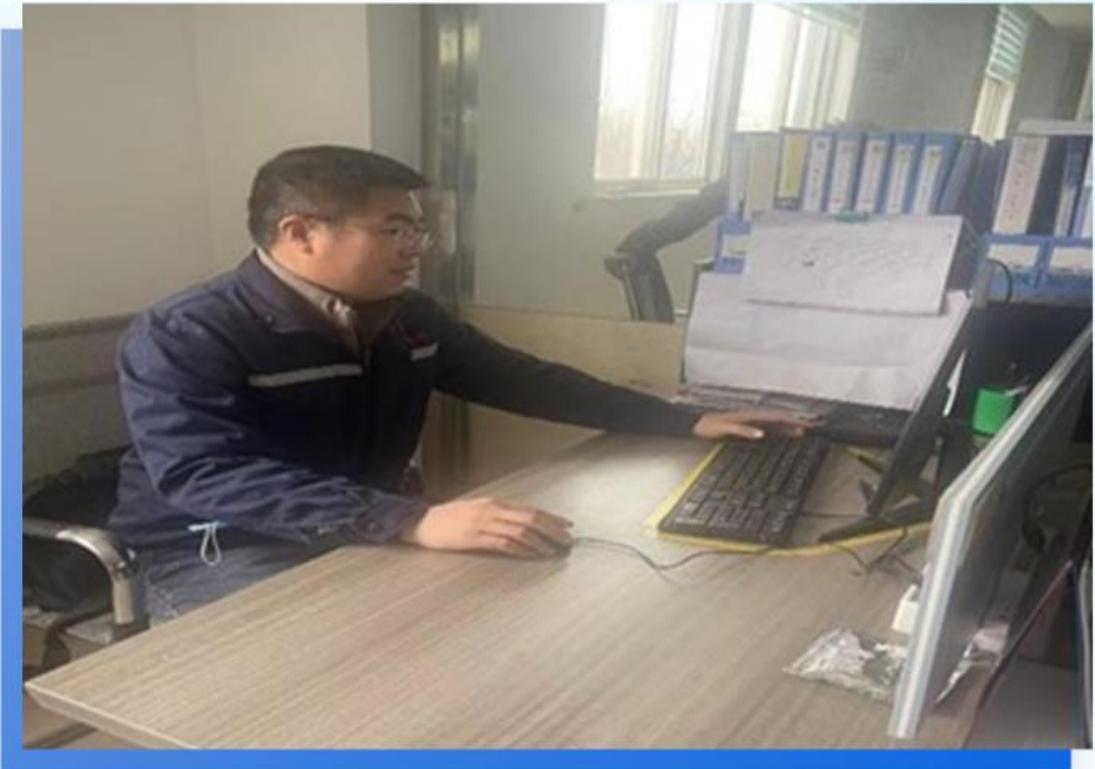
副总经理 技术总监 Deputy General
Manager Technical Director

履历
Resume

西川橡胶—日本最大密封件公司（曾任职）
Nishikawa rubber—the largest sealing company in
Japan (formerly)

贵州红阳—中国最大密封件制造商（技术顾问）
Guizhou hongyang-china's largest seal manufacturer

天津星光合成—丰田旗下全资子公司（设计开发部长）
Tianjin Starlight Synthesis—a wholly owned subsidiary
of Toyota (as the design and Development Minister)



引进国内外专家-获橡胶行业领军人才

The introduction of domestic and foreign experts-rubber industry leaders

设计理念 General Manager



创新是企业的生命。河北丰阳橡胶制品有限公司追求永续经营尤其注重研发队伍实力的壮大及技术人才的引进

Innovation is the life of an enterprise. Hebei Fengyang Rubber Products Co., Ltd. pursues sustainable management, especially pays attention to the growth of the strength of the R&D team and the introduction of technical talents



高级工程师3人
3 Senior engineer



中级工程师8人
8 intermediate engineers

覆盖产品设计、模具开发和胶料的配方及工艺管理、研发团队借助AUTO CAD、CAE有限元分析、UG、ProEng、CATIA、等先进的开发软件可进行产品和制造过程的设计和主机厂同步开发

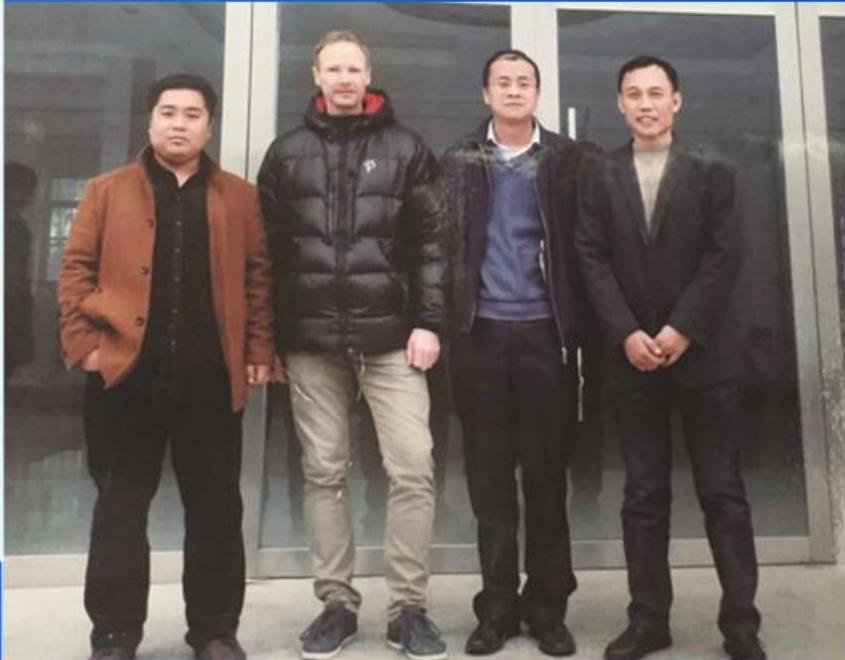
Covering product design, mold development and rubber formulation and process management, R & D team with the help of AUTO CAD, CAE finite element analysis, UG, ProEng, CATIA, and other advanced development software products and manufacturing process design and development of the host plant

创新协同 国际合作 联合开发

Innovation Synergy, international cooperation, joint development

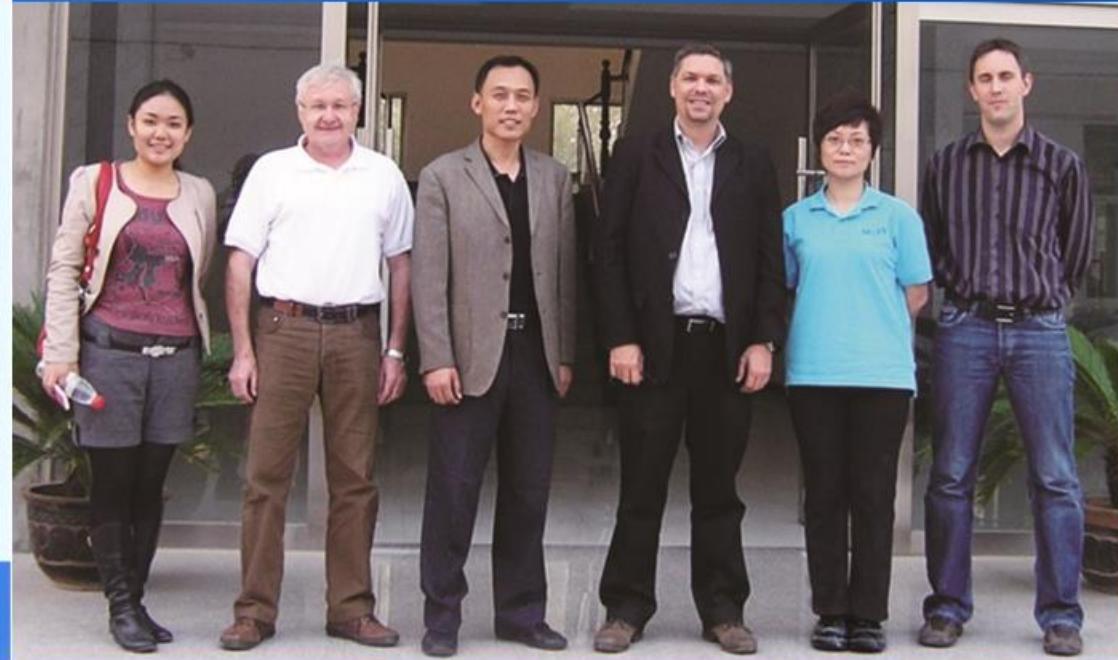
丹麦迪发密封件全球采购
总布朗先生来我公司洽谈工作

Mr. Brown, Global Purchasing General
of Difa Seals in Denmark
Come to our
company to talk about work



法国赛迪维尔工业常团供应链总监
杰罗姆·罗丹(右三)先生来公司洽谈合作

France Mr. Jerome Rodin, Supply Chain Director
of Sediver Industrial Group (third from right),
came to the company to discuss cooperation



创新协同 国际合作 联合开发

Innovation Synergy, international cooperation, joint development

组织技术团队到客户处进行技术和项目交流

Organize technical team to customer for technical and project communication

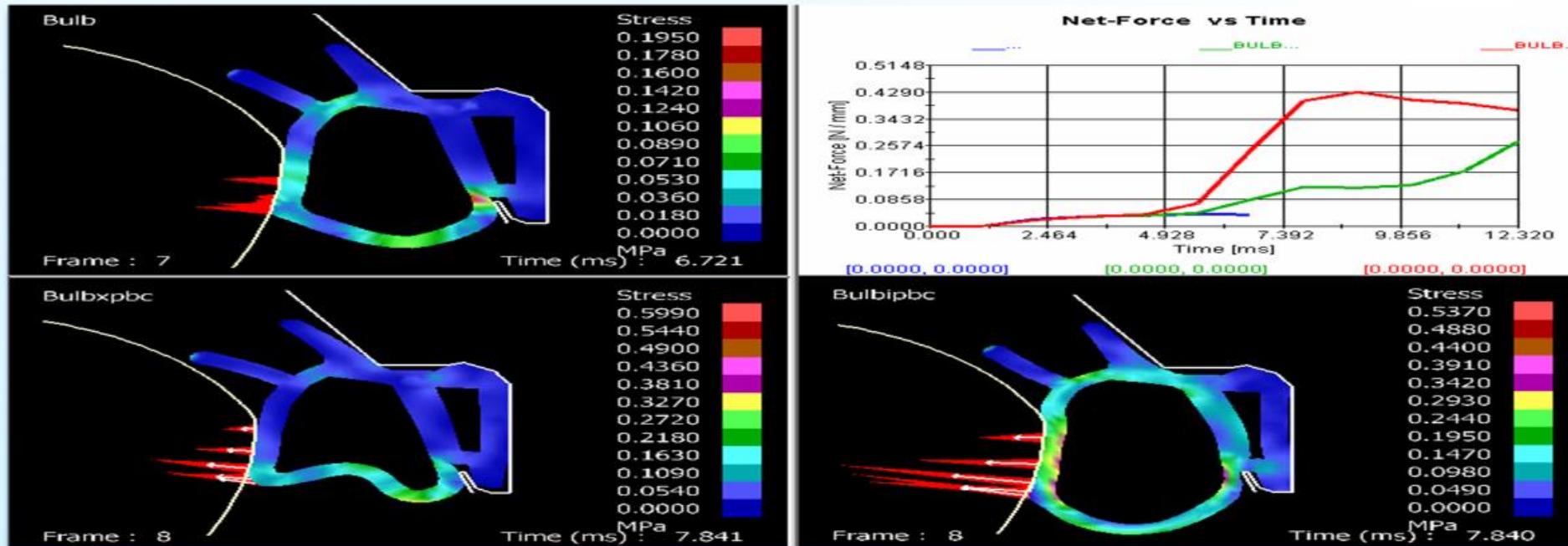


ESAI-SEAL产品断面结构分析

Analysis of cross-sectional structure of ESAI-SEAL products

模拟产品在受力状态下的变形情况,进行预分析,确定最佳断面
为参与汽车密封件的同步开发提供支持

The deformation of the product is simulated, and the optimum section is determined by pre-analysis to support the synchronous development of automobile seals



技术进步

Technological progress

提升能力 Improve your ability

加快新产品开发速度，提升产品开发能力，扩建工作场房建成拓展CAD数据工作站

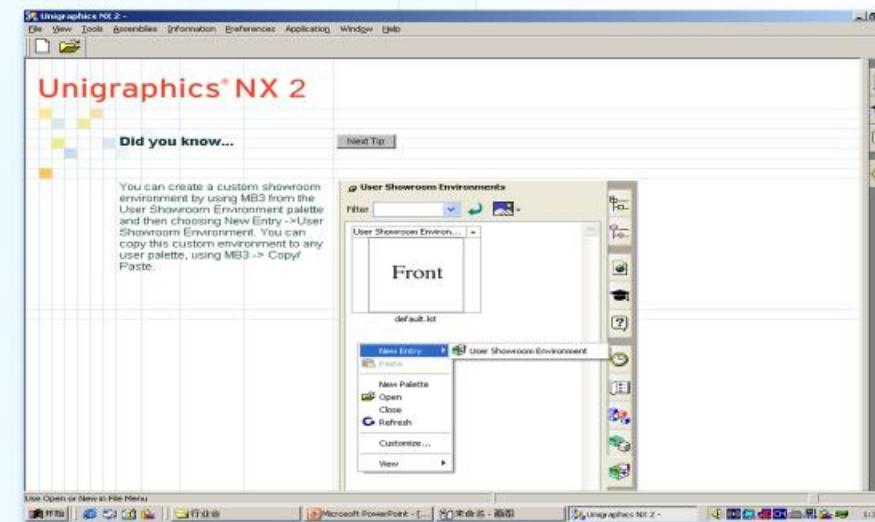
Speed up the development of new products, enhance the product development capacity, expand the workshop built to expand CAD data workstation



提升效率 Production line

使用CAE、UG、CATIA三维软件用于模具图纸的三维辅助设计提高了设计能力与设计效率，确保与汽车厂的接口

Using CAE, UG and CATIA 3D software to 3D aided design of die drawing can improve the design ability and efficiency and ensure the interface with automobile factory



化工配方开发 Chemical formula development

引进的技术吸收消化，完成低荷重海绵胶和彩色橡胶配方的国产化
确保胶料的质量及成本,成立了炼胶的专业团队进行化工配方DOE设计

The imported technology is absorbed and digested to complete the localization of low-load sponge rubber and color rubber formula
To ensure the quality and cost of rubber compound, set up a professional team of rubber making chemical formula DOE design

CAD数据工作站

CAD data workstation

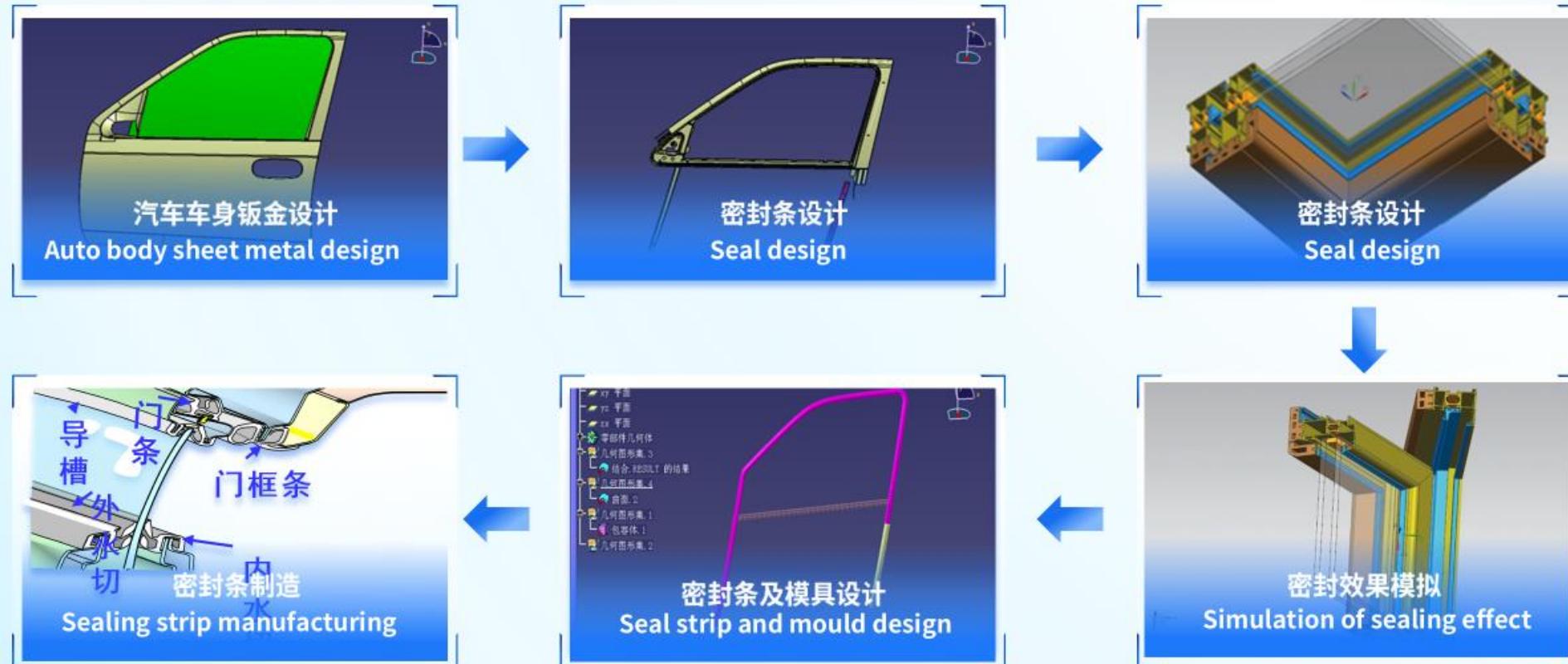


同步设计

CAD data workstation

提升产品自主开发和设计能力，形成与汽车厂的同步开发

Promote the ability of product independent development and design, form the synchronous development with the automobile factory



模具加工中心

Mould machining center



技术中心使用CATIA、UG、CAXA、AUTOCAD等软件
CATIA, UG, Caxa, AUTOCAD are used in the technical center

自主进行模具有工装设计开发
Independently design and develop tooling

模具加工车间负责工装的制造及维修
Tooling workshop is responsible for tooling manufacturing and maintenance

数控加工设备—数控铣应用
CNC machining equipment-cnc milling application



05

品质保证

Design and development



质量保证

Mould machining center



质量方针 Quality policy

精益生产 不断创新

Lean production, continuous innovation

持续改进 优质服务

Continuous improvement, quality service



质量目标 Quality objectives

产品一次交验合格率99.5%

Product one-time acceptance rate of 98%

顾客满意度95%

Customer satisfaction is 90%

顾客抱怨处理及时率100%

100% of customer complaints are handled in a timely manner



实验室检测设备

Laboratory testing equipment



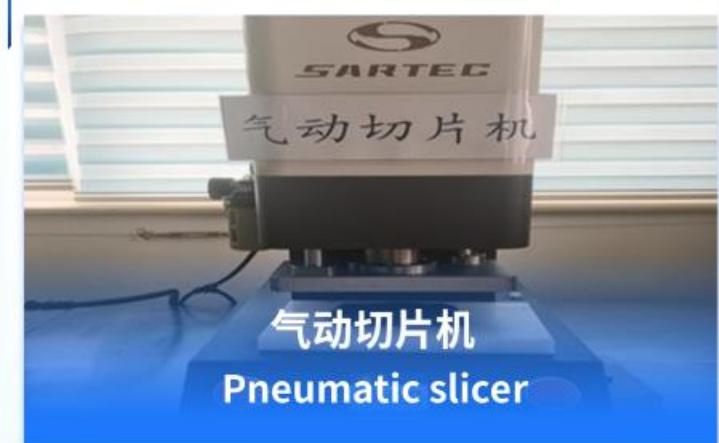
实验室检测设备

Laboratory testing equipment



实验室检测设备

Laboratory testing equipment



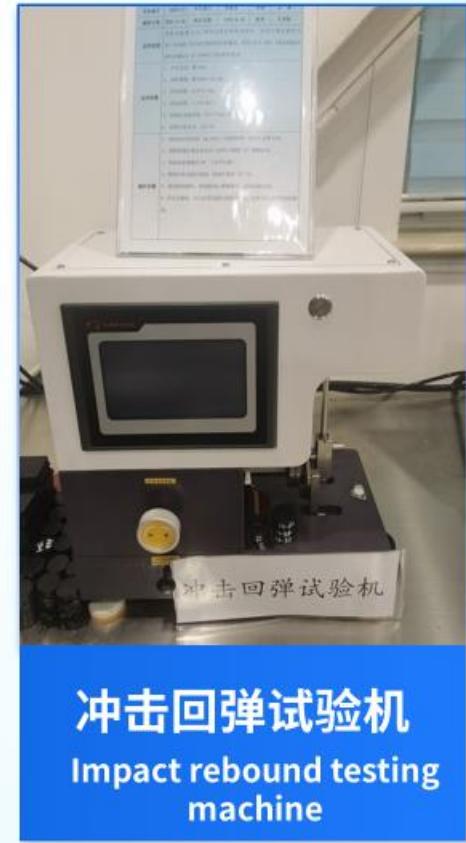
实验室检测设备

Laboratory testing equipment



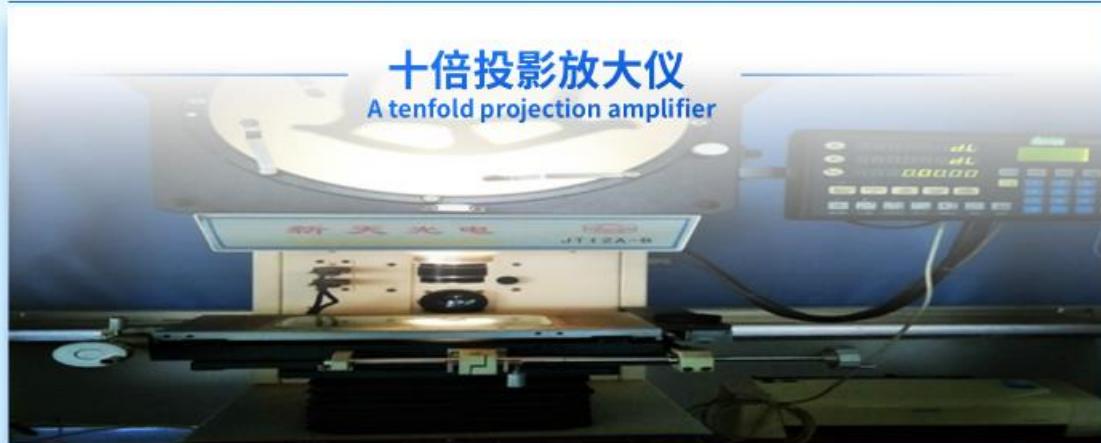
实验室检测设备

Laboratory testing equipment



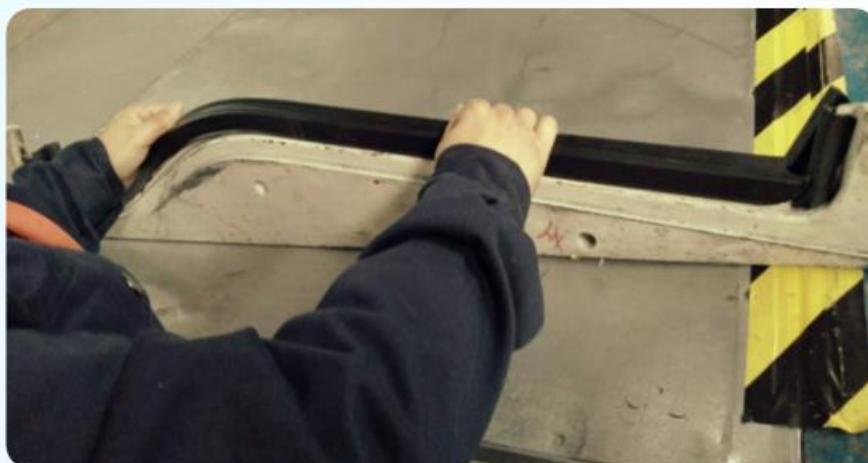
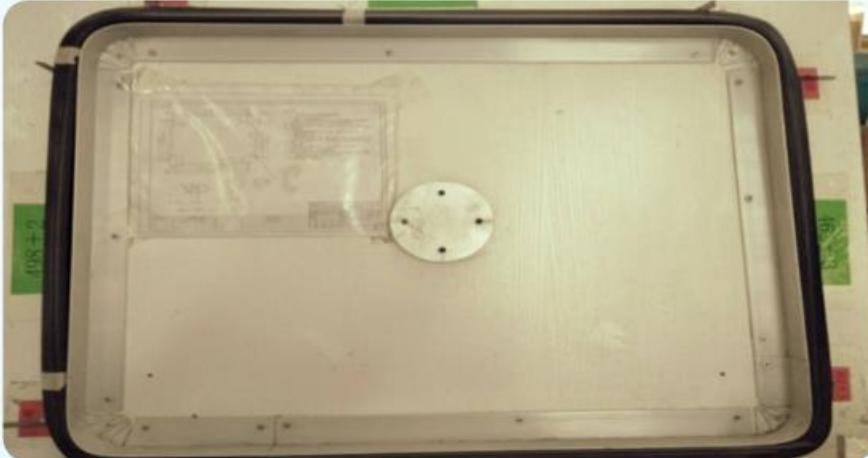
实验室检测设备

Laboratory testing equipment



防错工装与检具

Error-proof tooling and gauges





06

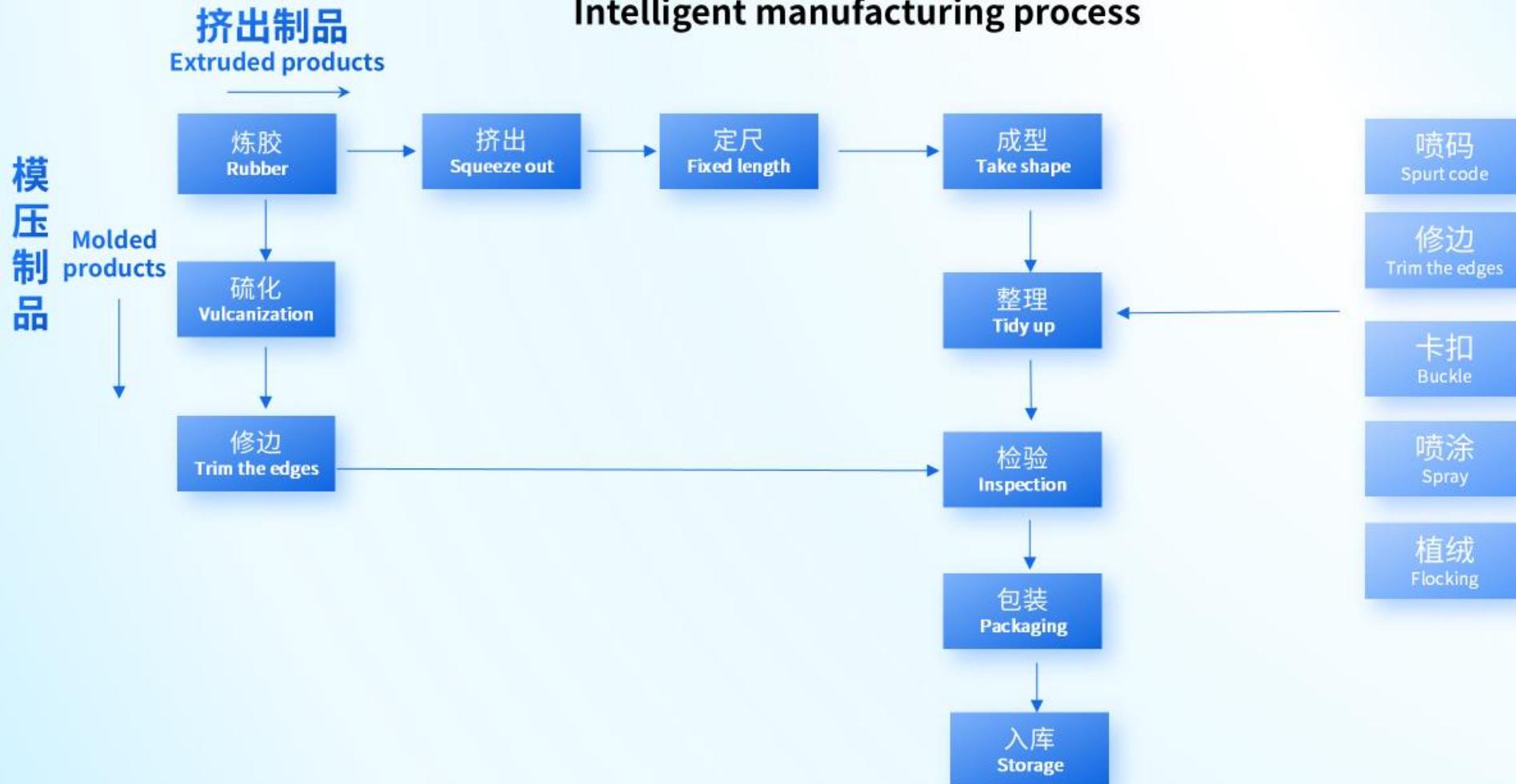
信息化建设

Information
Construction



智能制造工艺流程

Intelligent manufacturing process



一次把事情做对
Get Things Right All at once

零缺陷
Zero defects

理念 Ideas



制造现场 Manufacturing site

质量管理体系符合标准

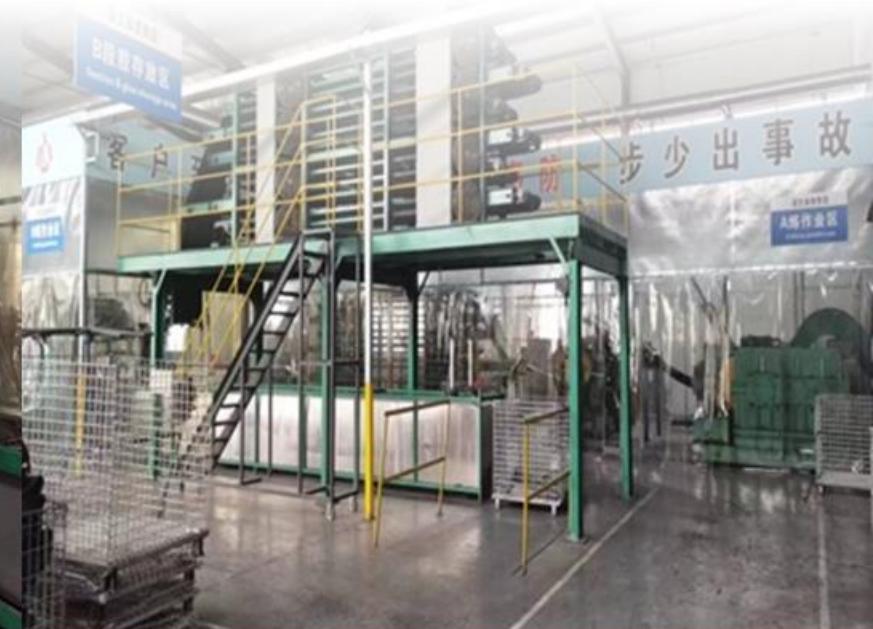
GB/T19001-2016/IS09001:2015

The quality management system is in line with the standards

标准 Standards

大型密炼中心

A large mixing center



接合成型工序 Joint molding process

全/半自动片式无缝结合成型机

Full/semi-automatic seamless combination molding machine



模压硫化工序

Molding vulcanization process



全自动注射硫化机
Automatic injection curing press



真空注射硫化机
Vacuum injection curing press



500吨平板硫化机
500 tons plate vulcanizer

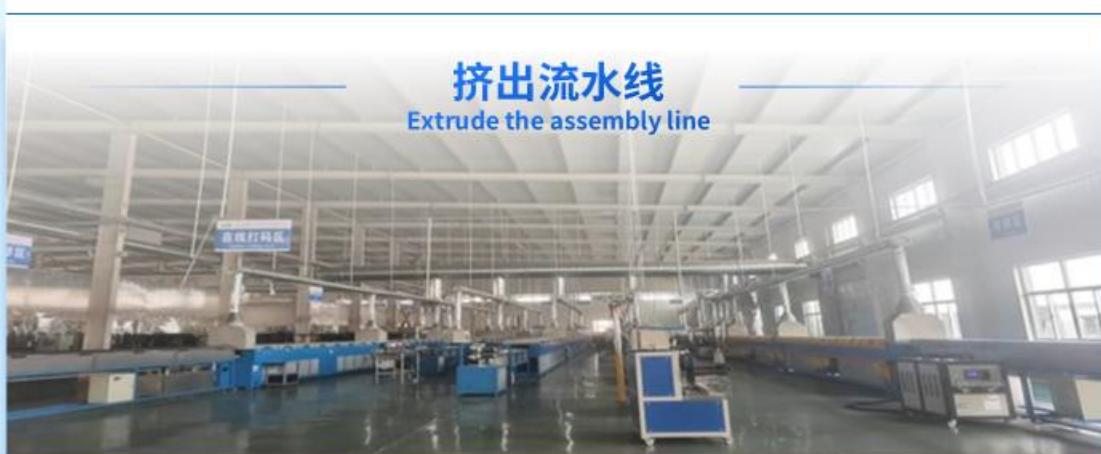
高标准生产管理

High standard production management



密封条挤出工序

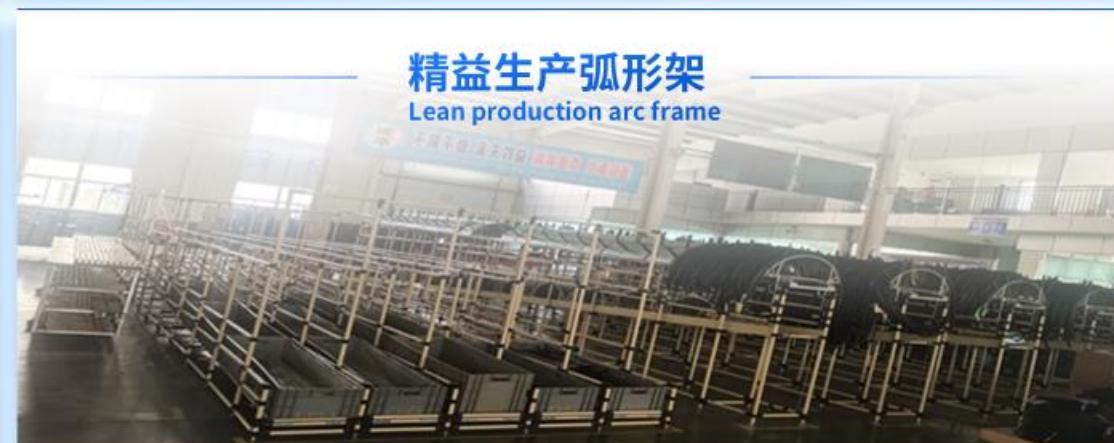
Extrusion process of sealing strip



EPDM复合型挤出机
EPDM compound extruder



精益生产弧形架
Lean production arc frame



大型注塑设备

Extrusion process of sealing strip

628T卧式注塑机

628T horizontal injection molding machine



330T卧式注塑机

330T horizontal injection molding machine



高标准生产管理

High standard production management



PVC/ TPV/TPE可再生环保

PVC/TPV/TPE Renewable Environmental Protection

塑料挤出生产线

Plastic extrusion line



模具管理区域

Mold Management Area





07

未来规划

Future Plans



高端用户智能生产专线 智能化生产优势

High-end user intelligent production
line intelligent production advantages

MES & ERP系统

MES & ERP system

产线生产数据信息化、网络化、无纸化以及过程SPC数据采集及自动统计

Production line production data information, networking, paperless and process SPC data collection and automatic statistics

产线配置成熟

Production line configuration mature

批量产品的工艺路线及产线配置成熟，设备自动化高，产品一致性好

The process line and product line configuration of batch products are mature, equipment automation is high, product consistency is good

快速换线

Quick Wire Change

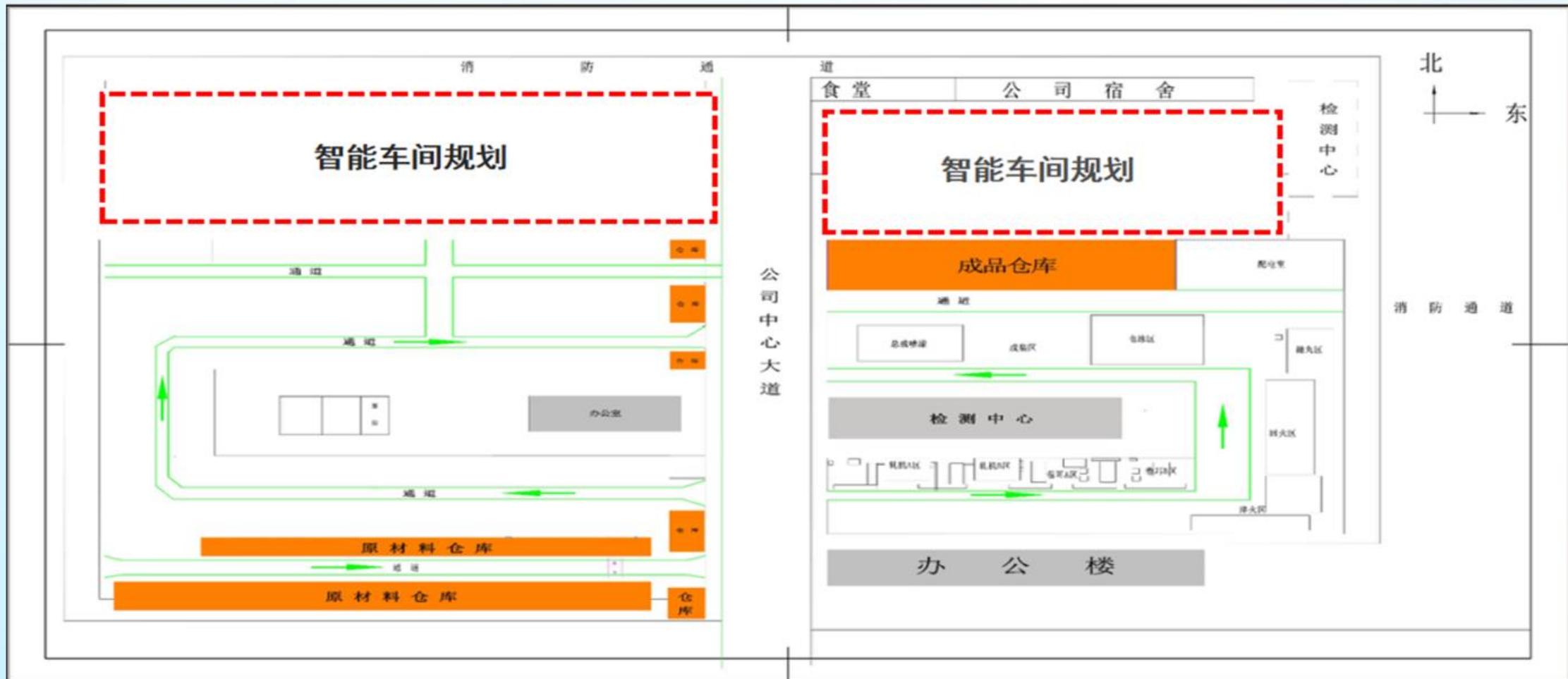
多种工艺路线，实现产品快速换线，柔性化制造，适合多品种小批量订单。

A variety of process lines to achieve rapid product line change, flexible manufacturing, suitable for a variety of small batch orders.



年产50万套高端乘用车密封件智能车间

Annual output 500,000 sets of high-end passenger car seals smart workshop



智能车间规划

High standard production management



规划二期智能工厂及研发设计中心

Planning Phase II intelligent factory and R & D Design Center

智能工厂鸟瞰图

An aerial view of the smart factory



研发设计中心

R & D Design Center



中长期战略规划

Medium-and long-term strategic planning

近期目标 5年 Short-term goal 5 years

研发创新:新型材料密封件生产
R & D Innovation: new material seal production

生产规模:总产能达到1万吨
Production scale: total production capacity of 10,000 tons

管理模式:集团化管理
R & D Innovation: new material seal production

人才培育:新型材料密封件生产
R & D Innovation: new material seal production

中期目标 10年 Medium-term goal 10 years

总产能达到2万吨
Total production capacity reaches 20,000 tons

成为中国最佳橡塑产品制造商之一
Become one of the best rubber and plastic products manufacturers in China

拥有全球研发、生产、销售能力
With Global R & D, production and sales capabilities

占据百分之十五以上的国内市场
Occupying more than 15 percent of the domestic market

长期目标 2050年 Long-term goal 2050



河北丰阳橡胶制品有限公司成立五十周年时成为中国领先橡胶产品制造商并占据百分之十以上的全球市场份额

At the 50th anniversary of its establishment, Hebei Fengyang Rubber Products Co., Ltd. became a leading rubber product manufacturer in China and occupied more than 10% of the global market share



感谢观看
Thanks for watching

河北丰阳橡胶制品有限公司
Hebei Fengyang Rubber Products Co., Ltd