ZHANGQIU
HEAVYFORGING



章丘重型锻造有限公司介绍

ZHF Company Introduction

成为世界高端装备制造业的一流服务商

Become a first-class service provider in the global high-end equipment manufacturing industry

ZHF
FORGING & MACHINING

ZHF
FORGING & MACHINING

做金属加工领域效率持续提升者

以客户为中心，满足并努力超越客户期望

国家高新技术企业
National High-Tech Enterprise

拥有世界最先进的爱协林氮化
渗碳生产线10条

国家“专精特新小巨人”企业
National "Specialized, Refined, Distinctive, and Innovative Small Giant" Enterprises

中联、徐工、三一、南高齿、株齿等工程机械、风力发电总成和核心零部件头部品牌

山东省瞪羚企业
Shandong Gazelle Enterprise

最佳质量奖
Best Quality Award

在行业内具备“全系列全产业链”制造能力、核心加工检测设备600余台

优 秀 供 应 商

行星减速机核心锻件和中大型吊钩总成产品
国 内 市 场 占 有 率 均 居 第 一

Ranks first in China in terms of domestic market share for both core forgings of planetary reducers and medium & large-sized hook assembly products

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目 录

CONTENTS

CONTENTS

01
公司介绍
Company Profile

02
合作伙伴
Key Customers

03
公司优势
Company Advantages

04
产品展示
Products Display

05
投资计划
Investment Plan


Part 01
公司介绍
Company Introduction

企业规模 Company size



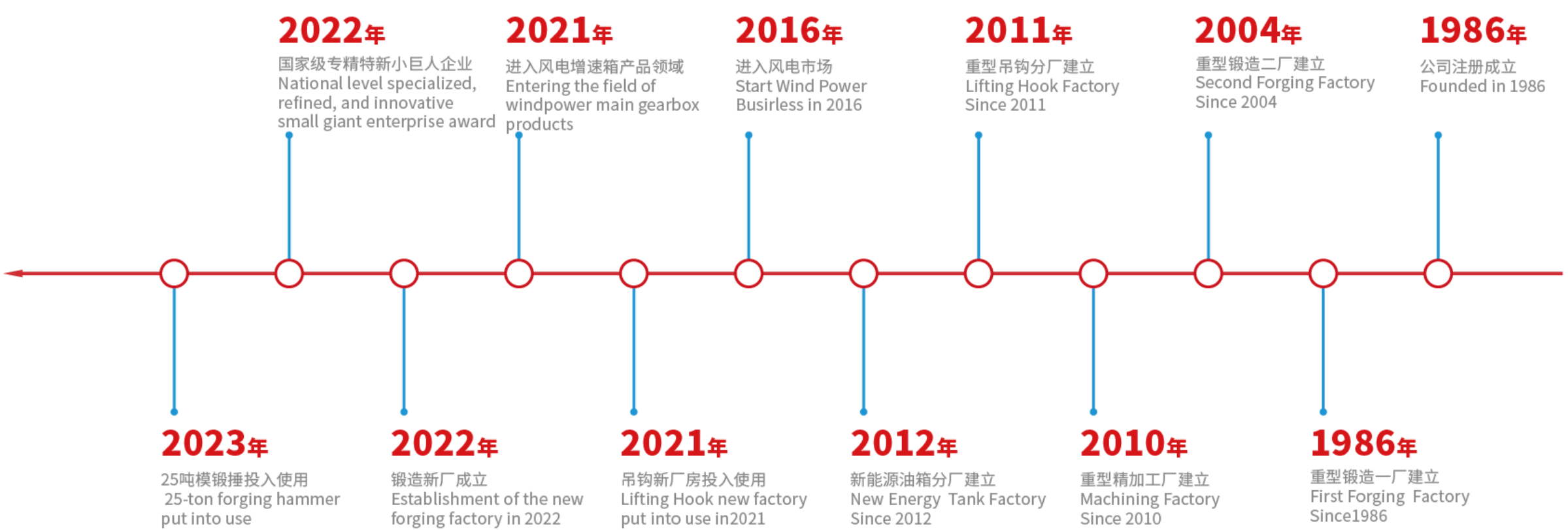
员工1500余人
Over 1,500 employees
现有员工1500余人，其中工程技术人员260余人，高学历人才占比30%

四个制造基地
Four manufacturing bases
公司占地面积400余亩，厂房面积12万平方米

年产锻件6万吨
Annual output of 60,000 tons of forgings
生产范围为800公斤以下模锻件和8米以内，25T以内环锻件

产值10亿元
Output value of 1 billion yuan
经营质效稳步提升，综合竞争力持续增强。

发展历程 Development History



ZHF FORGING & MACHINING

服务领域 Service Sector

轨道交通等
Rail transit etc.



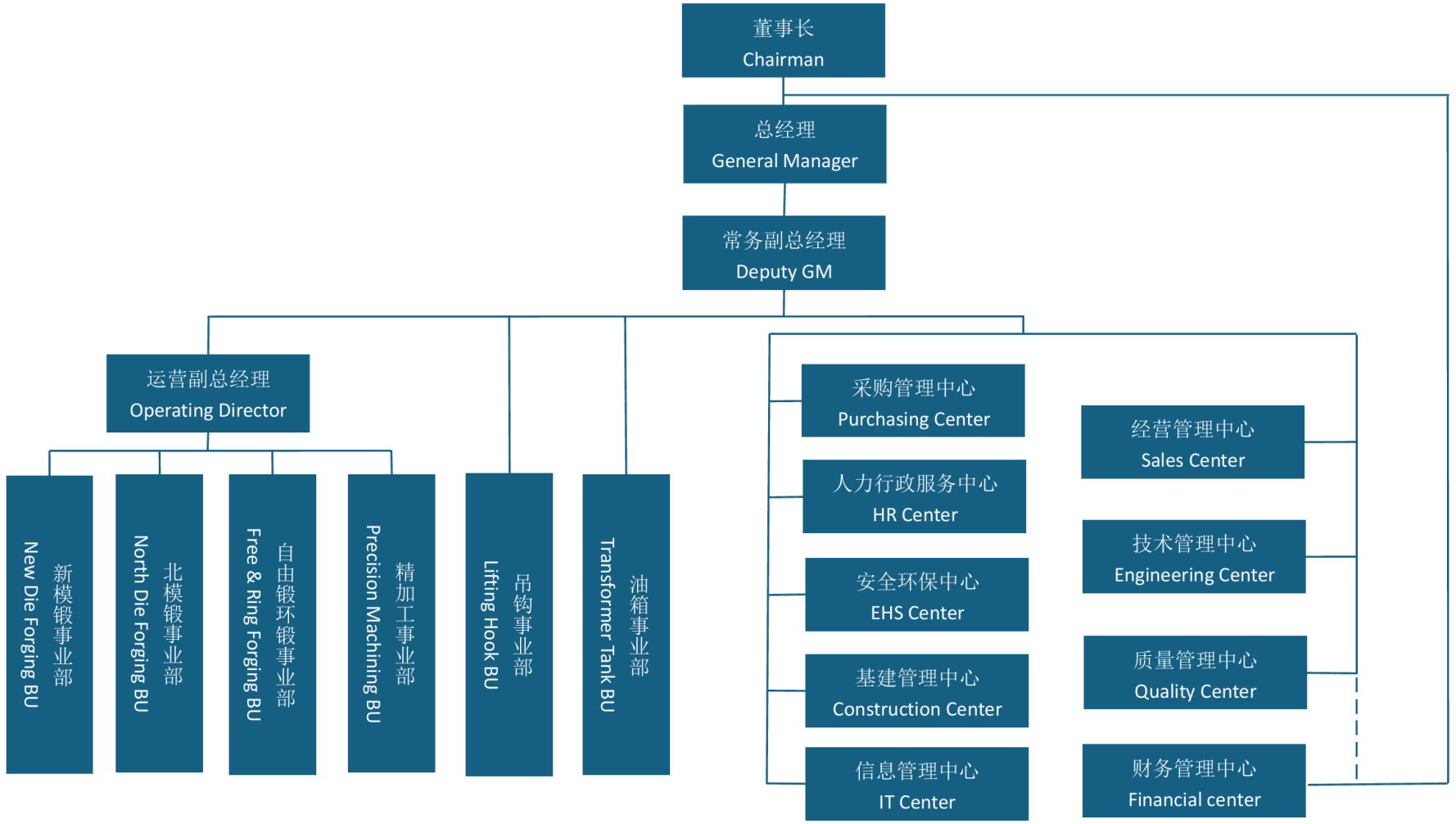
工程机械
Construction machinery

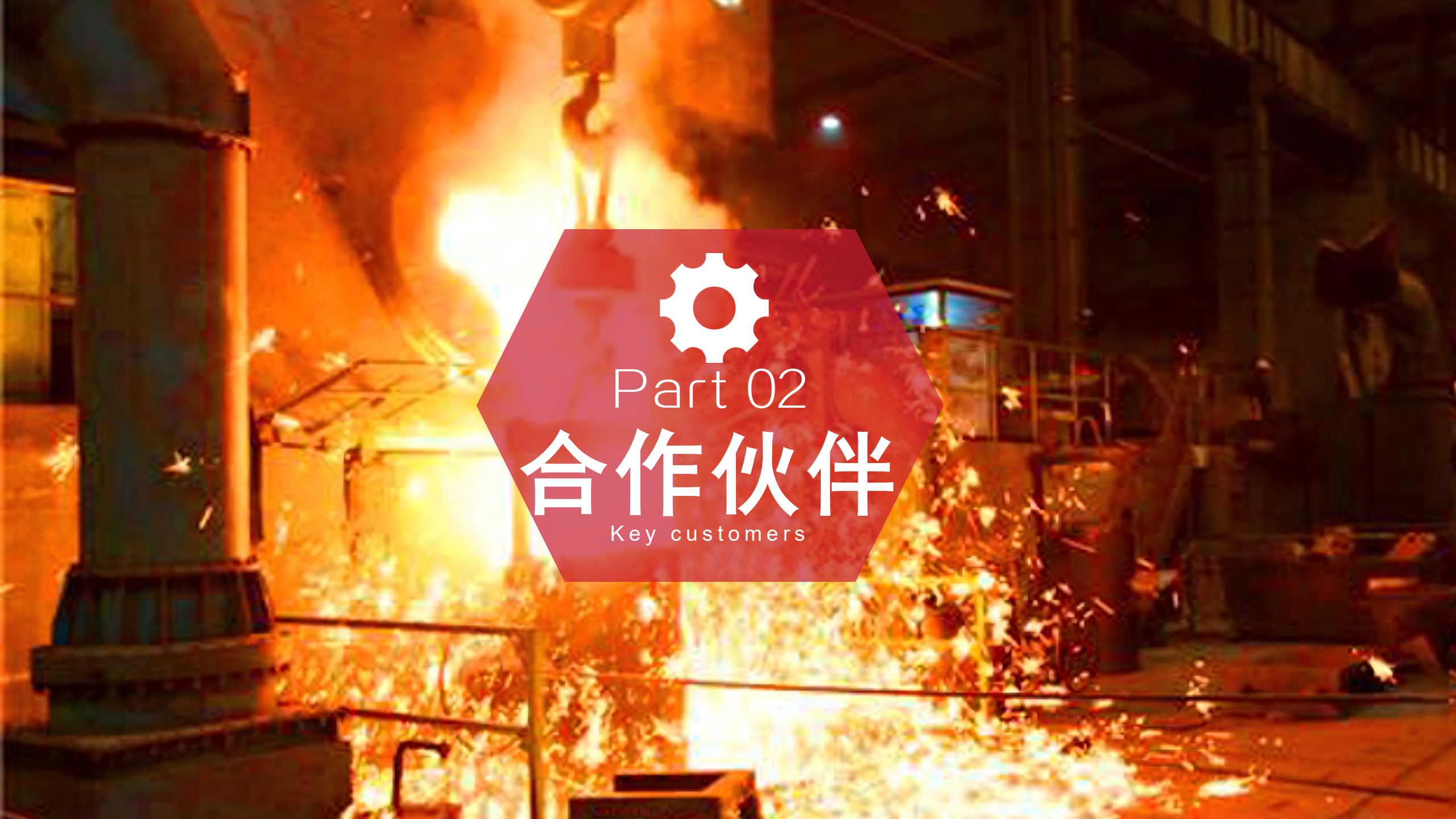
新能源
New energy

目前公司50%客户为德国、美国、意大利、比利时等外资品牌，国内主要客户包括：中联、徐工、三一、南高齿、远景、株齿等工程机械、风力发电总成和核心零部件头部品牌。

Currently, 50% of the company' s customers are foreign brands from Germany, the United States, Italy, Belgium and other countries. Its major domestic customers include leading brands in construction machinery, wind power assemblies and core components, such as Zoomlion, XCMG, Sany, NGC, Envision, Zhuzhou Gear, etc.

组织架构 Organization




Part 02
合作伙伴
Key customers

工程机械和工业-外资
Construction machinery & Industrial-Oversea

工程机械和工业-国内
Construction machinery & Industrial-Domestic

新能源-外资
New energy-Oversea

SIEMENS energy

LIEBHERR

Bonfiglioli Forever Forward

VOITH

新能源-国内
New energy-Domestic

NGC

远景能源 ENVISION

株齿 ZHUZHOU GEAR

威力传动 WEILI TRANSMISSION

轨道交通
Rail Transit

esco

中国中车 CRRC

客户理念
Service Concept

以客户为中心

Customer-centric

满足并努力超越客户期望

Meeting and striving to exceed customer expectations

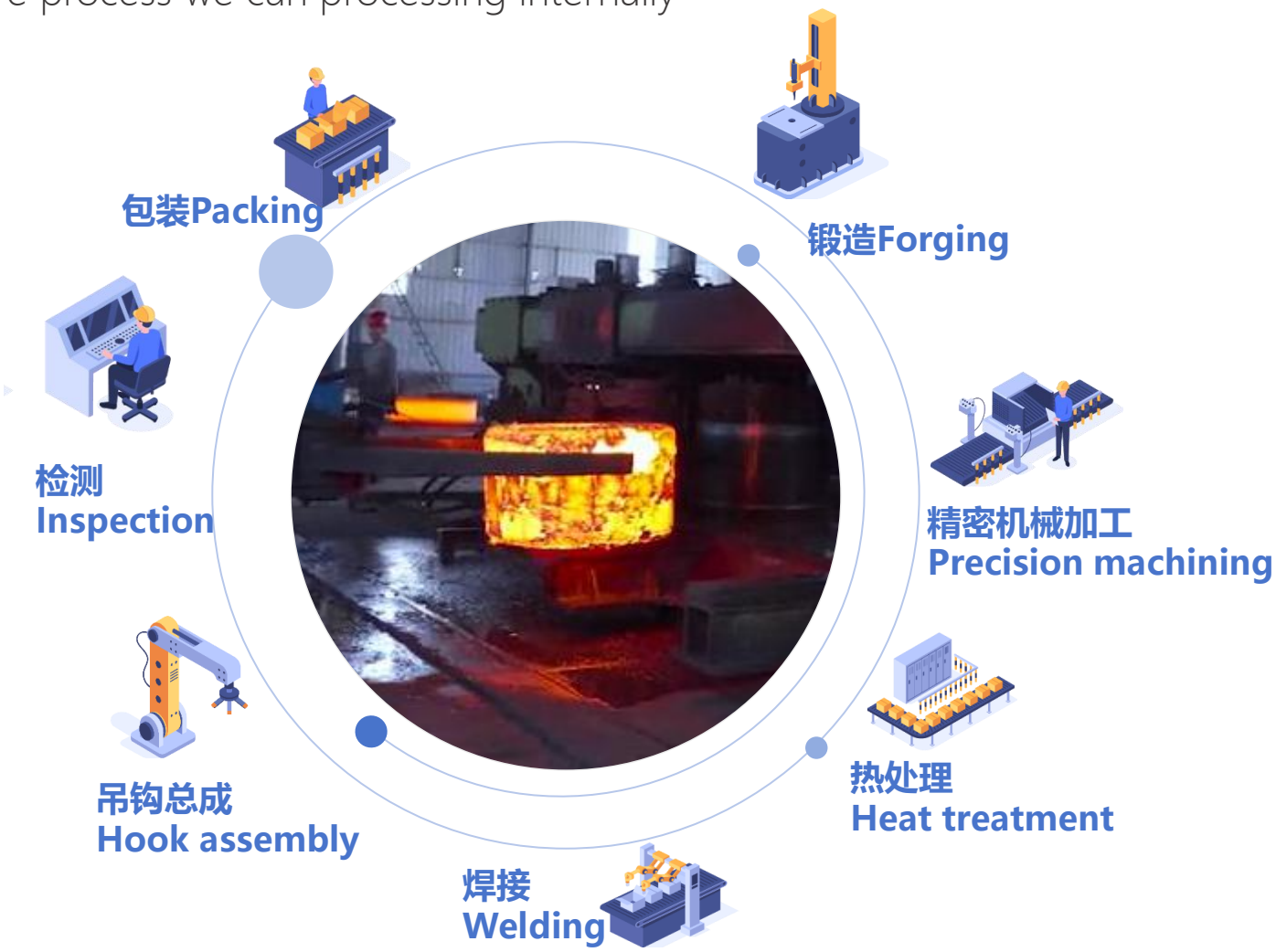


Part 03

公司优势

Company Advantages

▹ 全工序的加工能力The entire process we can processing internally



▹ 全系列的产品 A full range of products for our customers

工艺Process	加工范围 Production range(weight,dimension)	齿轮模数 Gear module	年产能Annual capacity
模锻Die forging	3-800KG		50,000T
自由锻Free forging	5-5000KG		20,000T
碾环Ring rolling	100-2500mm		20,000T
精车钻铣Turning and Drilling	≤φ1600mm		240,000PCS
铣外齿Gear teeth milling(external)	≤φ2000mm	30	72,000PCS
磨外齿Gear teeth grinding(external)	≤φ1600mm	28	72,000PCS
插内齿Gear teeth shaping（internal）	≤φ1600mm	16	240,000PCS

▹ 锻造生产设备Production Equipments--锻造能力 Forging

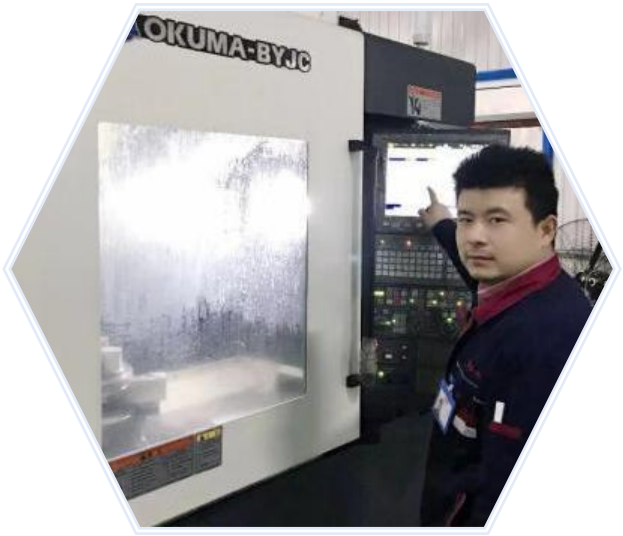






- 8000吨(2)/4000吨/2500T/1600吨/1000吨摩擦压力机
  8000T(2)/4000T/2500T/1600T/1000T Friction Press
- 8000吨/2500吨/1600吨电动螺旋压力机
  8000T/2500T/1600T Electric screw press
- 25T，5T模锻锤(4台)/
  25T，5T(4) Die forging hammer
- 8T/3T(2)自由锻锤
  8T/3T(2) Free forging hammer
- 碾环机生产线，5条(100mm-2500mm)
  5 Ring rolling mill production lines (100mm-2500mm)

▹ Production Equipments 加工生产设备——加工能力 Machining



日本大畏加工中心
Okuma Machining Center



德玛吉加工中心
Deckel Maho Machining Center



卡普.纳尔斯磨齿机
KAPP NILES Teeth Grinding Machine

ZHF FORGING & MACHINING

▹ Production Equipments 热处理生产设备-热处理能力 Heat Treatment



爱协林氮化生产线
AiCHELIN Nitridation Line





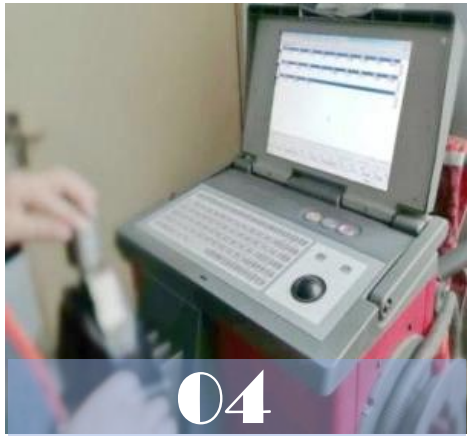
渗碳生产线
Carburizing Line

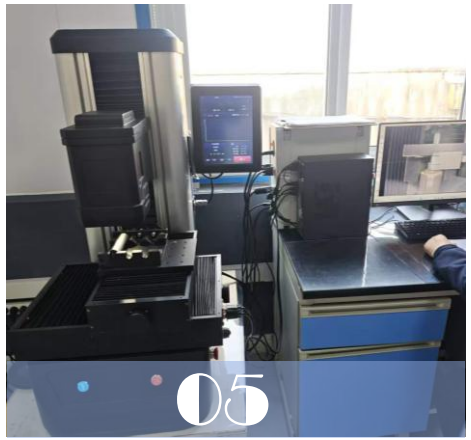
▹ Inspection Equipments 检测设备—(锻件)检测能力 (Forging) Quality inspection





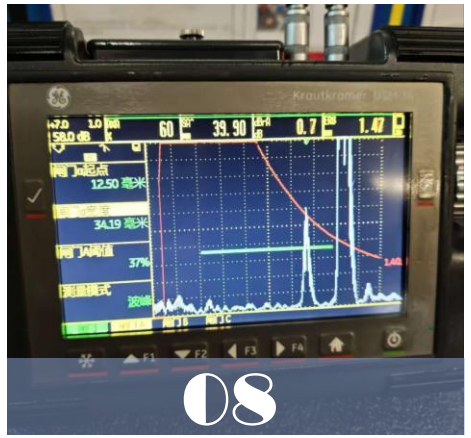












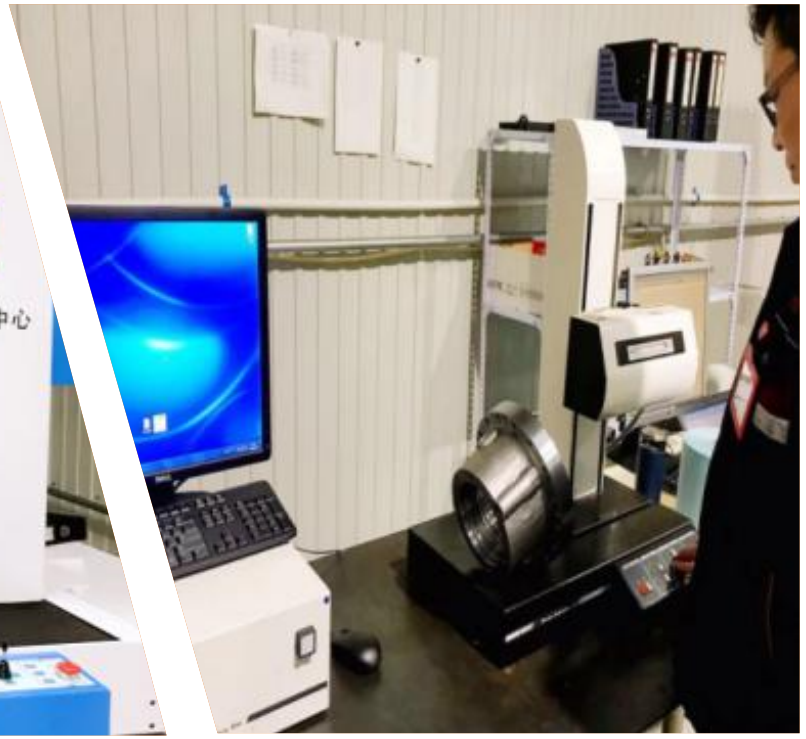
▹ Inspection Equipments 检测设备—(加工)检测能力 (Machining) Quality inspection



蔡司三坐标
Zeiss CMM



齿轮测量仪
Gear Measuring Center



表面轮廓测量仪
Surface Profile Meter

Quality assurance质量保证——获得的认证 Certificates



ISO 45001 TUV ISO 9001 IATF 16949 ISO14001

"**0.1%的不合格**，就等于100%的不良品"

在章丘重锻，每一位员工都站在客户的角度

我们拥有着严谨的工作态度

我们视产品的质量为生命

我们将质量意识深植于心

"A 0.1% disqualification is equal to 100% disqualification."

At ZHF, every employee Stands by the Customer

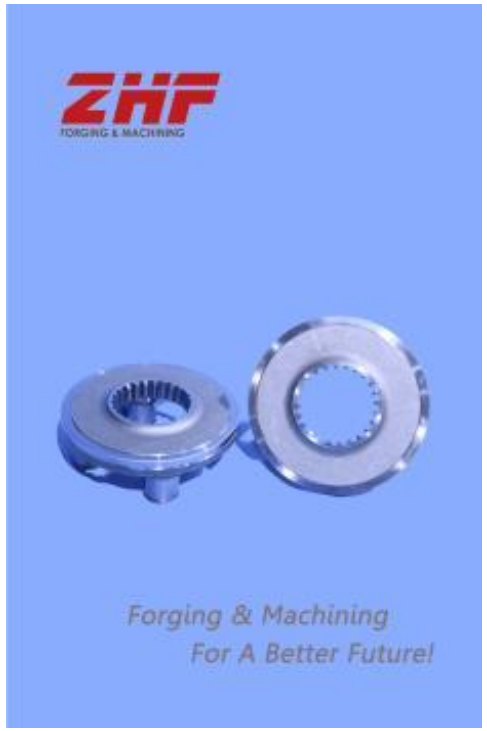
We have a Rigorous working attitude

We regard the Quality of our products as Our Life

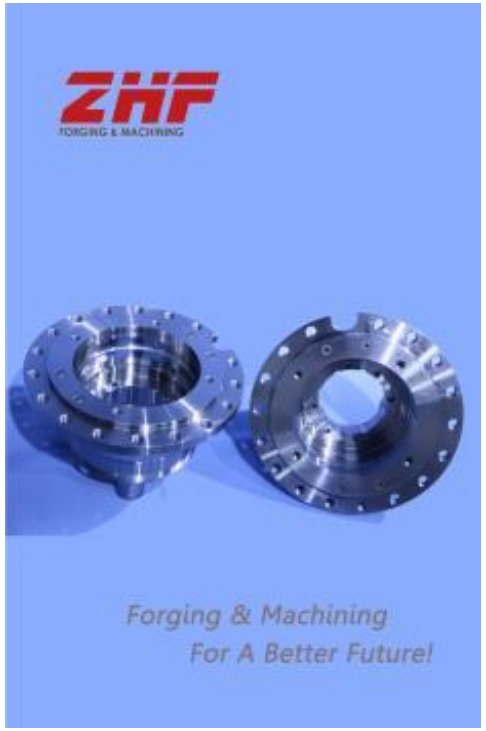
We place Quality Awareness deep in the heart


Part 04
产品展示
Product Display

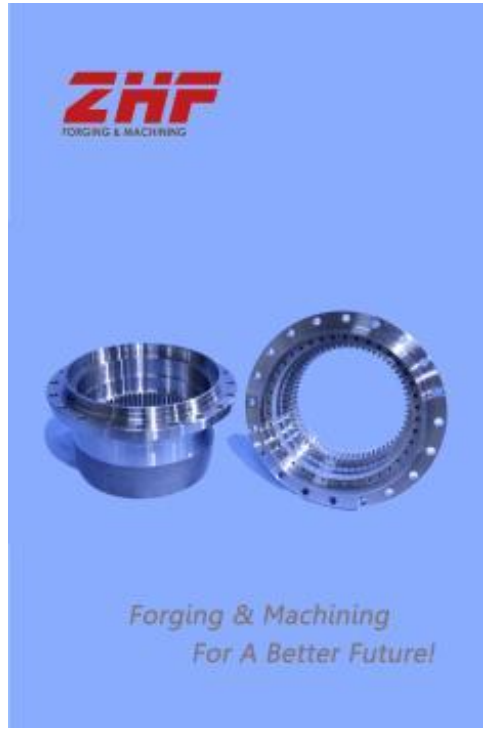
▹ 工程机械行走卷扬行星减速机 Construction machinery Traveling & winch planetary reducer



行星架
Planetary carrier

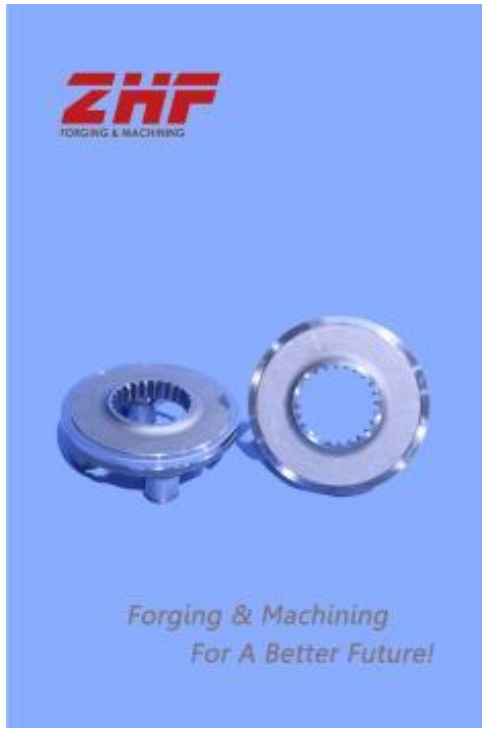


支撑轴
Spindle

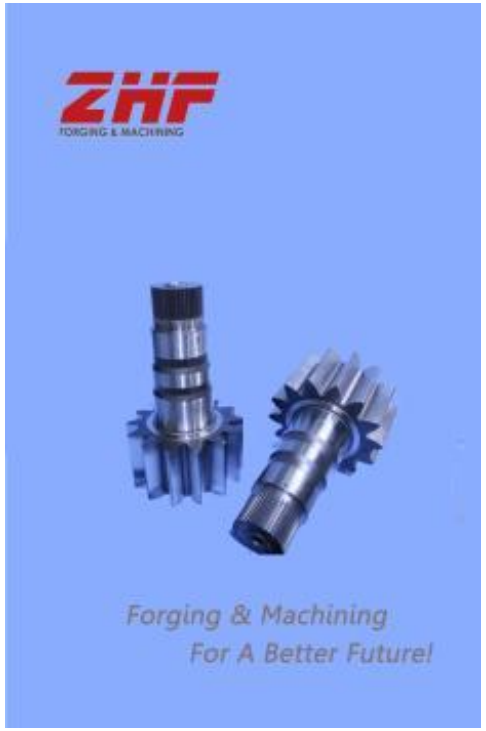


齿圈
Ring gear

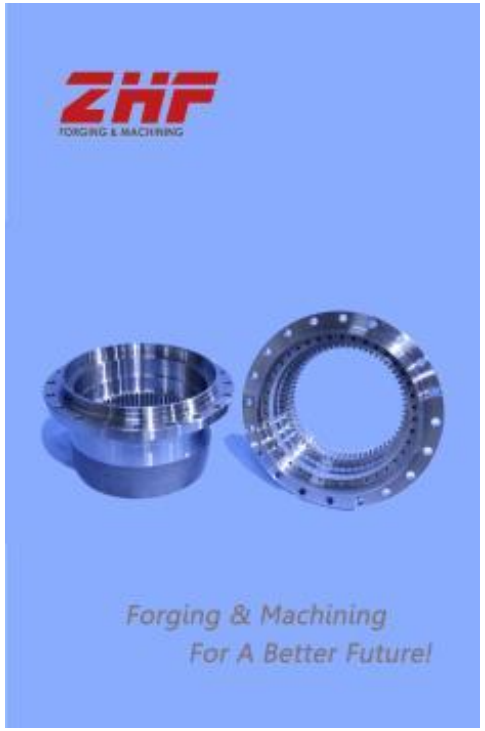
▹Wind power and construction machinery rotary planetary reducers 风电、工程机械回转减速机



行星架
Planetary carrier



输出齿轮轴
Output gear shaft

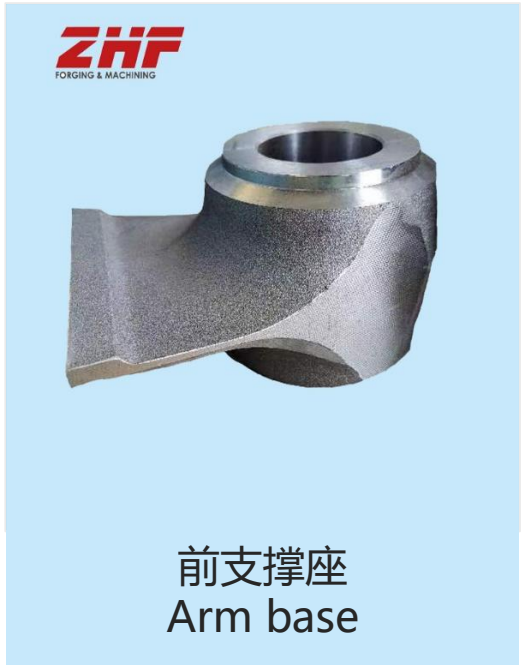


齿圈
Ring gear

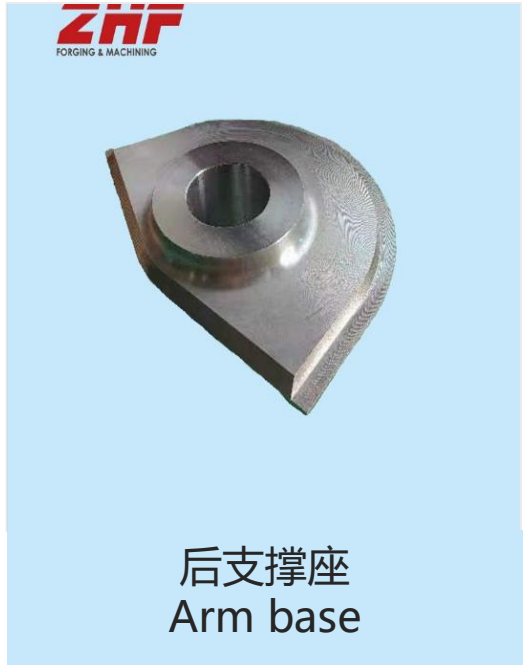
工程机械挖机动臂斗杆锻件Excavator arm base forgings



中支撑座
Arm base



前支撑座
Arm base



后支撑座
Arm base

▹ 工程机械挖机动臂斗杆锻件Excavator arm base forging and welding parts



01



02



03

支撑件焊接总成
Arm base forging and welding parts

▹ 工程机械履带吊、汽车吊Crawler cranes, truck cranes



耳铰 Hinge



轴套
Shaft sleeve



滑轮
Pulley wheel



吊钩总成
Lifting hook assembly



吊钩总成
Lifting hook assembly

▹ 风电增速箱Wind power speed increase gearbox



太阳轮
Sun gear



行星轮
Planetary gear



行星轴
Planetary gear shaft

铁路配件railway parts

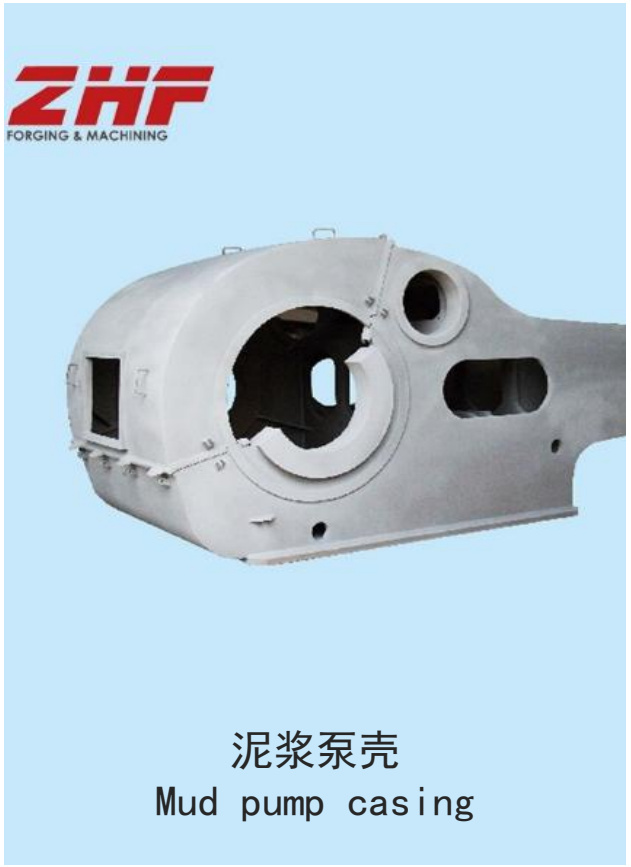


从动轮driven gear



联轴器coupling

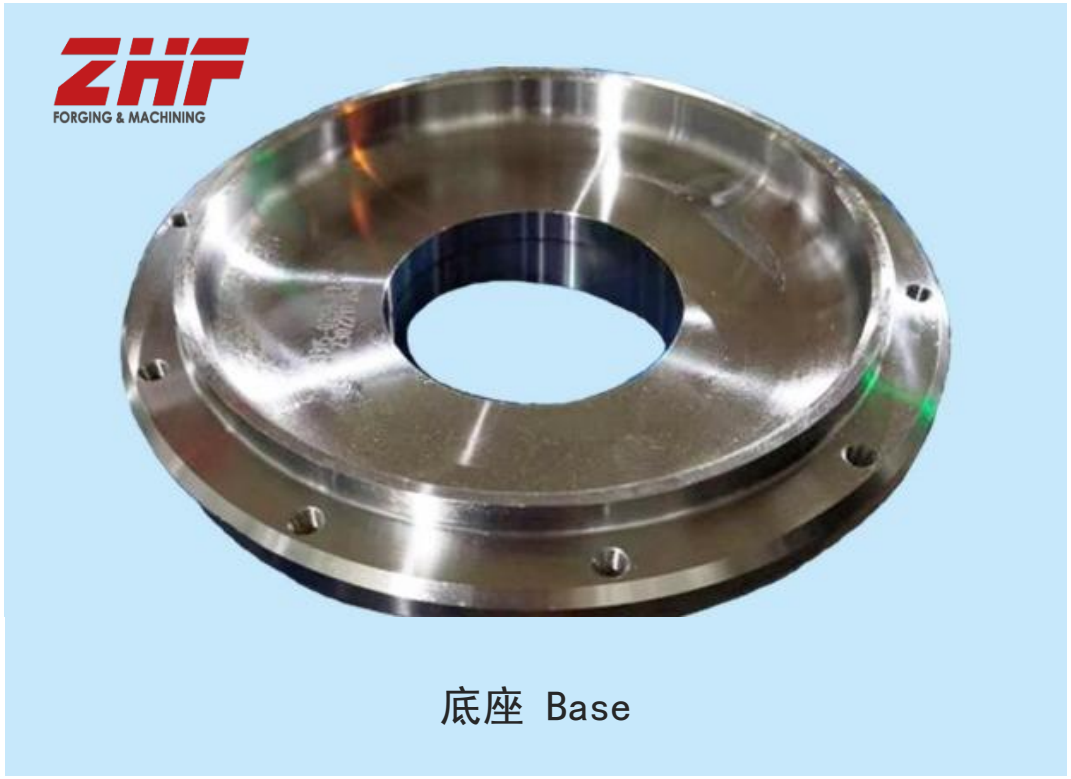
焊接件Welding parts



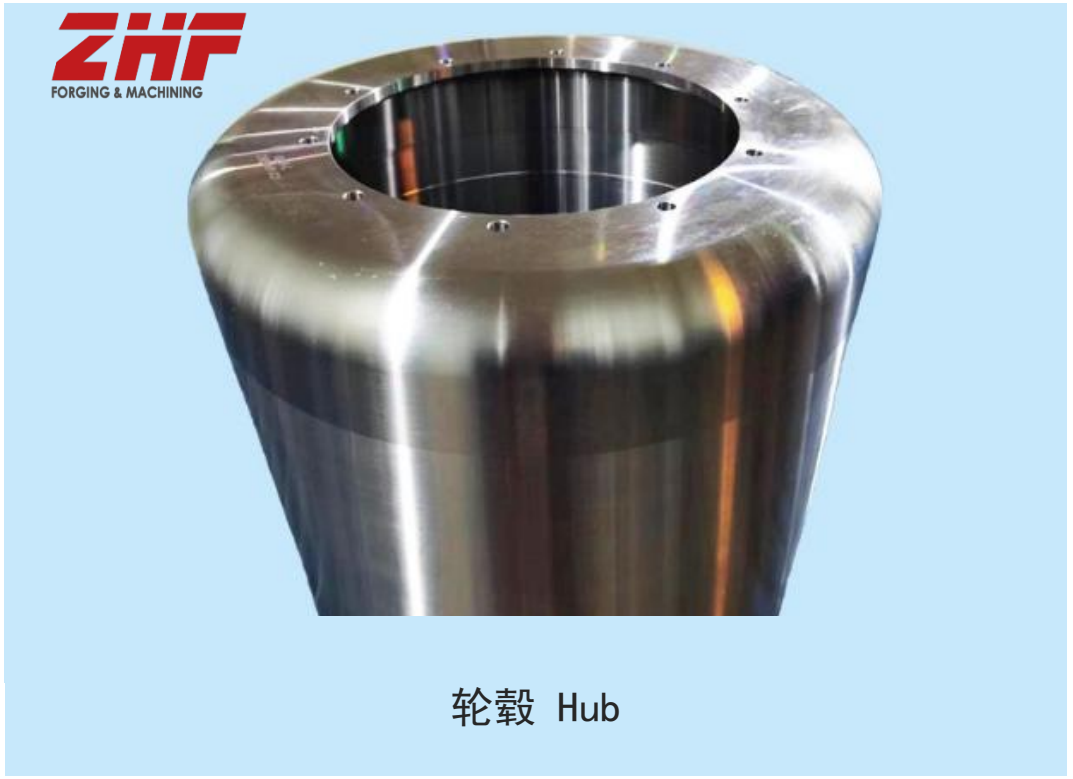




新能源汽车Electric vehicle



底座 Base



轮毂 Hub

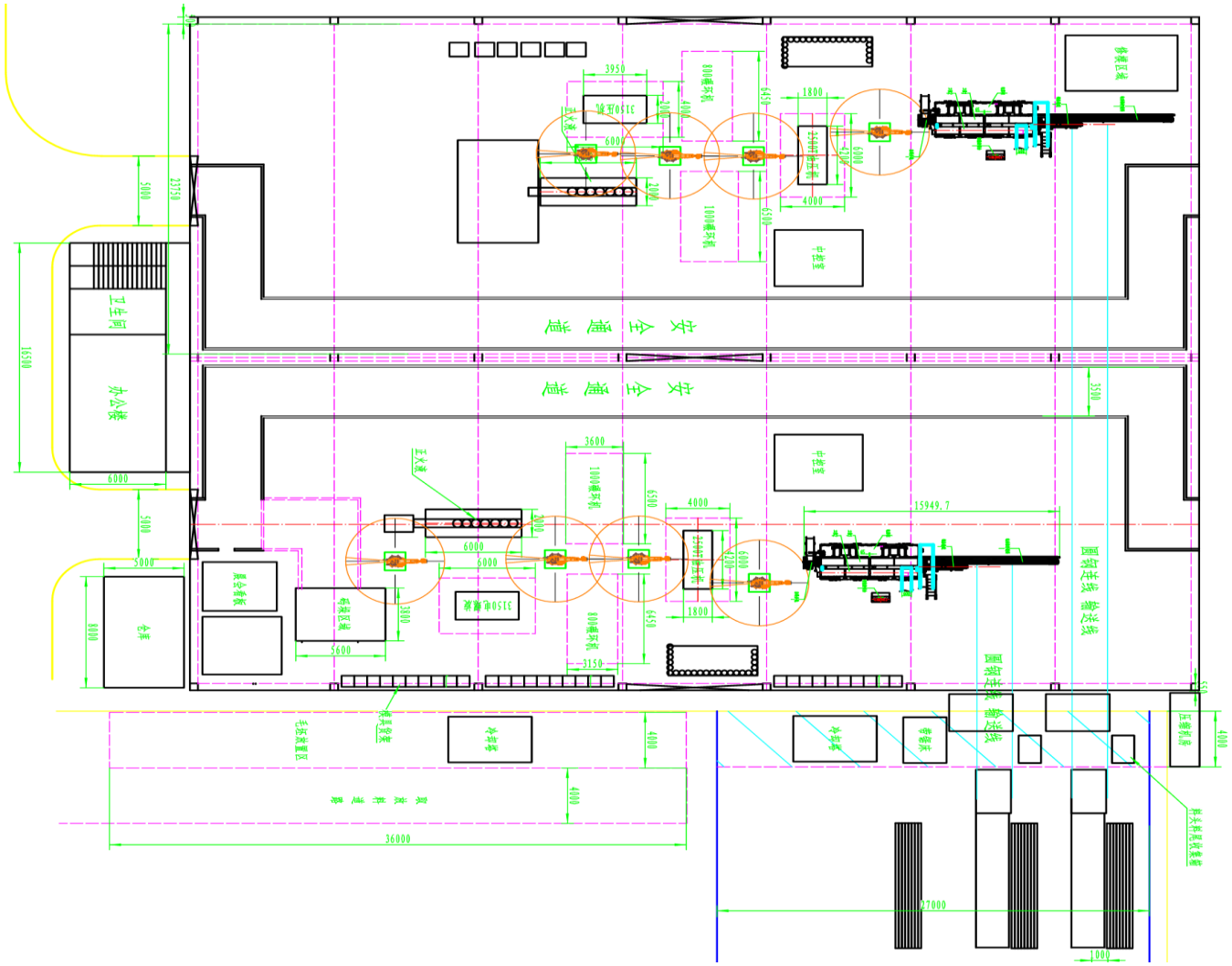


Part 05

投资计划

Investment Plan

序号 No.	项目 Project Name	新建面积㎡ New Construction Area	改造面积㎡ Renovation Area	总面积㎡ Total Area	最晚规划完成时间 Planning Completion Date	预估厂房完工日期 Estimated Plant Completion Date
1	北模锻事业部—精碾环分厂建设项目 North Die Forging BU – Precision Ring Rolling Plant Construction Project	3024	0	3024	2026/11/1	2027/1/15
2	新模锻事业部—料场及下料车间建设项目 New Die Forging BU – Material Yard & Blanking Cuting Workshop Construction Project	1229	0	1229	2027/1/15	2027/3/15
3	自由锻环锻事业部—活塞杆锻造、机加工分厂建设项目 Free & Ring Forging BU – Piston Rod Forging & Machining Plant Construction Project	3792	2080	5872	2026/10/1	2026/11/1
4	自由锻环锻事业部—6000T自由锻油压机建设项目 Free & Ring Forging BU – 6000T Oil Press Construction Project	0	12000	12000	2026/12/15	2027/5/15
5	精加工事业部—出口产品分厂建设项目 Machining BU – Export Products Plant Construction Project	0	5000	5000	2027/2/15	2027/5/15
6	吊钩事业部—总装及喷漆分厂建设项目 Ligting Hook BU – Final Assembly & Painting Plant Construction Project	8640	0	8640	2026/11/1	2027/1/15
7	油箱事业部—下料、前处理分厂建设项目 Transformer Tank BU – Blanking & Pre-treatment Plant Construction Project	8832	0	8832	2026/12/15	2027/1/15
	合计 / Total	25517	19080	44597		



北模锻自动化精碾线

Automatic precision ring rolling production line

➢ **直径：800mm; 高度：370mm；重量：170KG;**

Diameter: ≤ 800mm; Height: ≤ 370mm; Weight: ≤ 170KG;

➢ **下料、加热、锻造、正火全过程自动化单件流;**

Automated single piece flow throughout the entire process of cutting, heating, forging, and normalizing;

➢ **加热，预锻，终锻全流程温度监控;**

Automatic temperature monitoring of the entire process of heating, pre forging, and final forging;

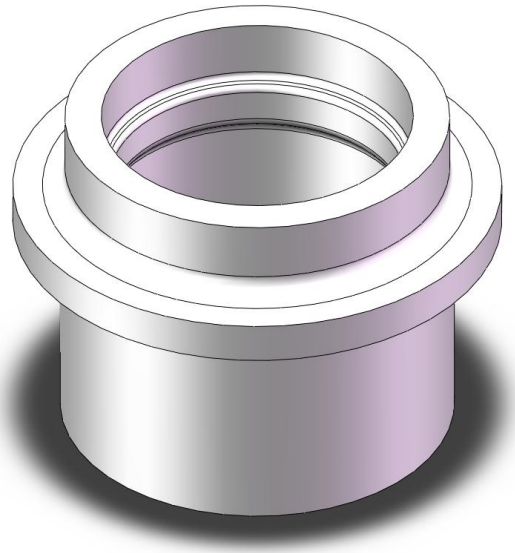
➢ **降低复杂环类零件毛坯重量;**

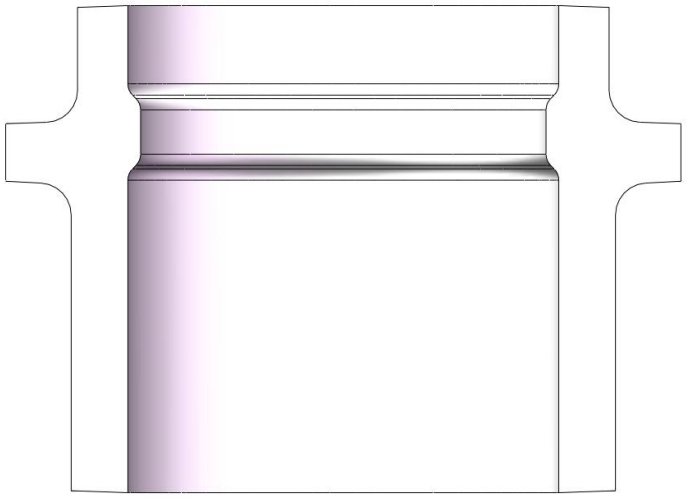
Significantly reduce the weight of complex ring parts blanks;

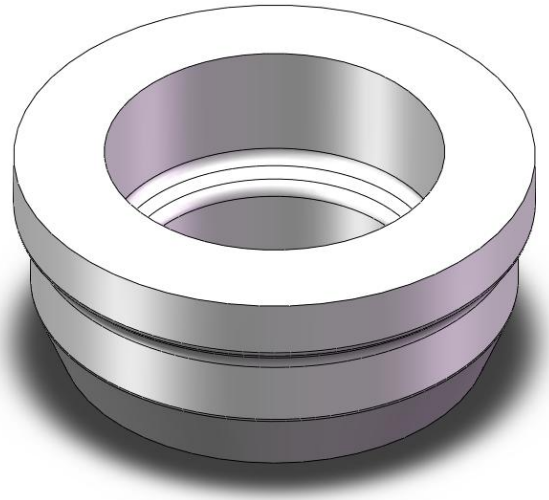
➢ **快速换模;**

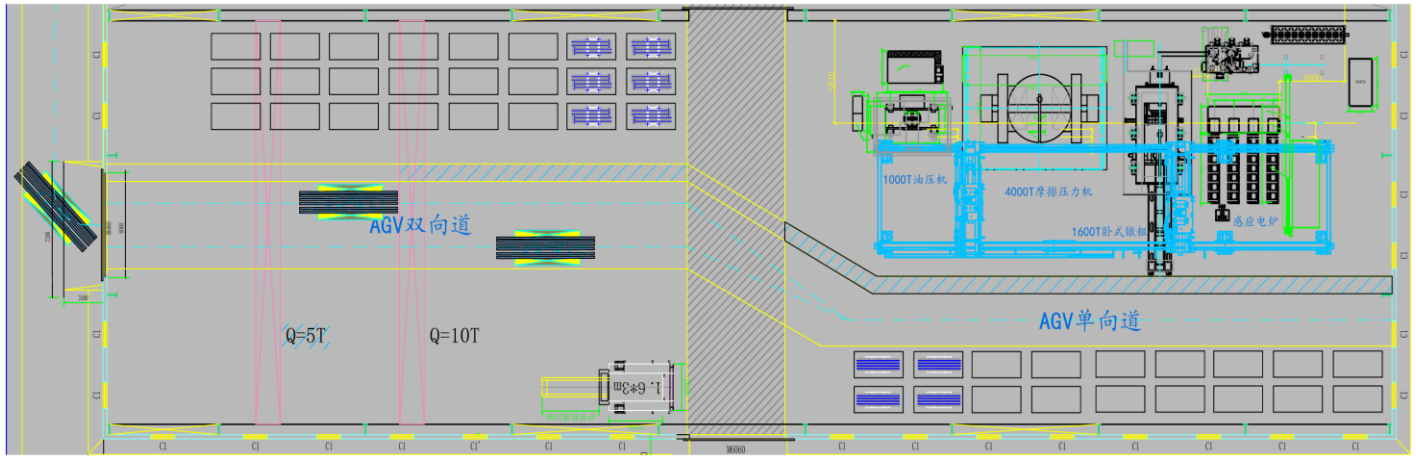
Quick mold change;

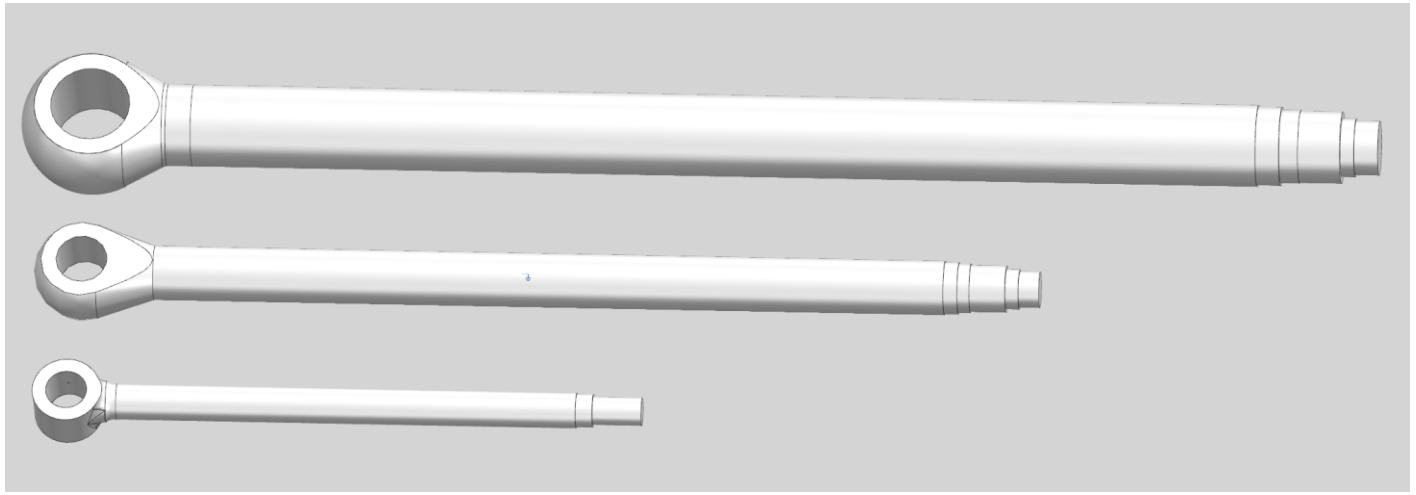
投 资 计 划 Investment Plan











活塞杆锻造-机加工生产线

Piston Rod forging & machining production line

➢ **直径： ≤ 300mm; 长度： ≤ 6000mm; 重量： ≤ 3000KG;**

Diameter: ≤ 300mm; Height: ≤ 6000mm; Weight: ≤ 3000KG;

➢ **下料、加热、锻造全过程自动化单件流;**

Automated single piece flow throughout the entire process of cutting, heating and forging;

➢ **加热，预锻，终锻全流程温度监控;**

Automatic temperature monitoring of the entire process of heating, pre forging, and final forging;

ZHF
FORGING & MACHINING

THANK YOU

章丘重型锻造有限公司

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