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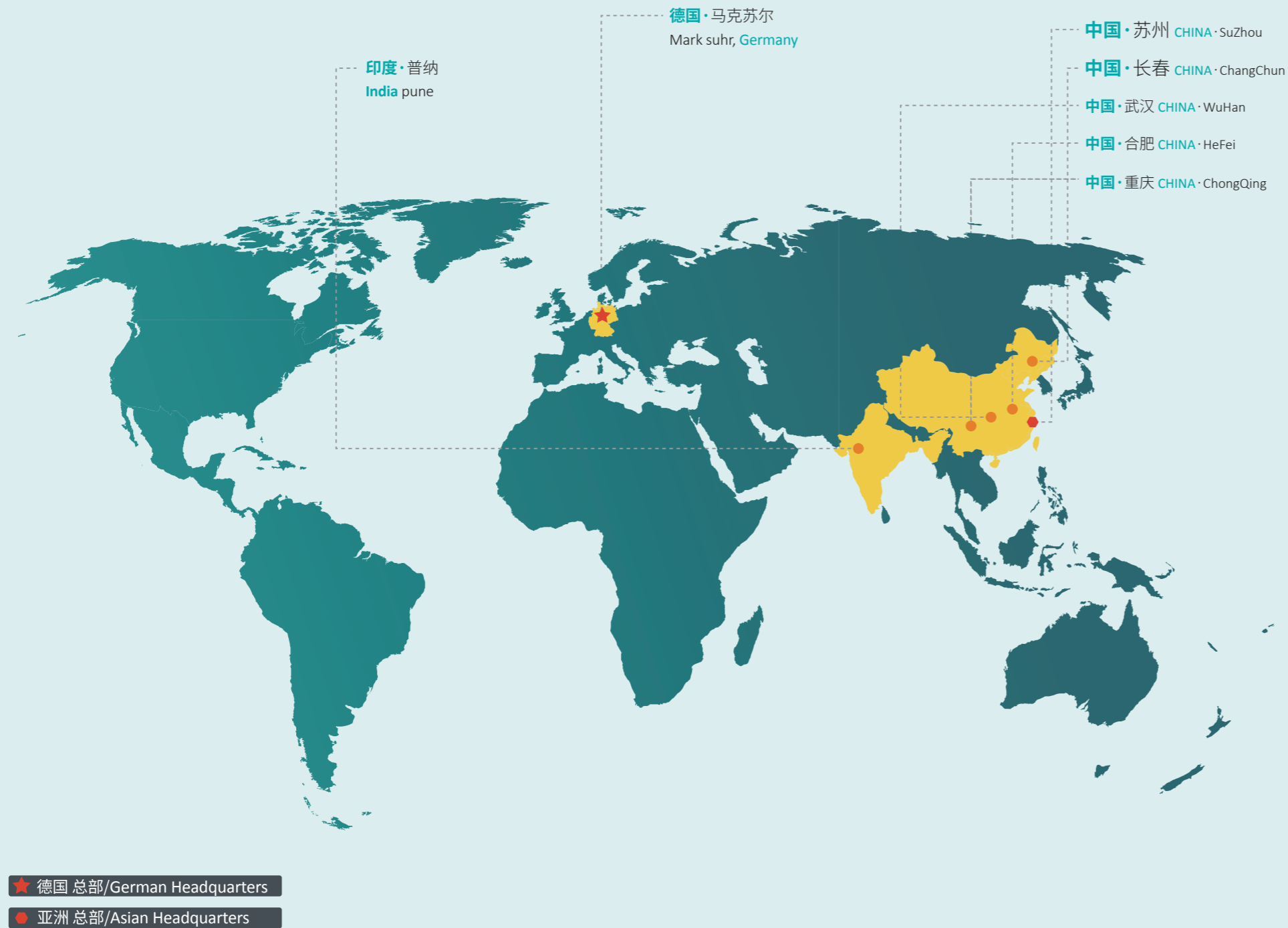


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一站式智能制造解决方案专家

One Stop Intelligent Manufacturing Solution Expert

全球分布/Global distribution



公司介绍

儒拉玛特自动化技术(长春)有限公司(简称“儒拉玛特长春”)成立于2015年,位于长春国家高新技术产业开发区,是中机试验装备股份有限公司与自动化行业全球领导者儒拉玛特合资成立的一家以自动化装配技术为核心,致力于数字化智能制造装备的高科技企业,中方占50%、德方50%,旨在为各行业用户提供自动化产品的整体解决方案。

作为儒拉玛特全球事业的一部分,它已成为自动化装配领域的佼佼者,国内自动化行业知名的厂商,国内最大的自动化装配线产业化基地,拥有经验丰富的研发创新团队,形成以核心技术、核心零部件、领先产品及行业系统解决方案为一体的完整产业价值链,并将产业战略提升到涵盖产品全生命周期的数字化、智能化制造全过程。

儒拉玛特(长春)以其世界领先的设计理念,多年的经验,以及对生产现场的深刻理解,不断满足客户对产品多样化和高品质的追求。

PROFILE

ruhlamat (changchun) was founded in 2015, is located in national high-tech industrial development zone in changchun, as a testing machine equipment co., LTD., and a global leader in the automation industry ramah, formed a joint venture with automated assembly technology as the core, committed to the digital intelligent manufacturing equipment of high-tech enterprises, China accounted for 50% and 50% in Germany, to customers with automation products overall solution for every profession and trade.

As part of the global business of ruhlamat, it has become a leader in automated assembly, automation industry well-known domestic manufacturers, industrialization base of the country's largest automation assembly line, has experienced r&d innovation team, form the core technology and core parts, leading products and system solutions for the integration of the whole industry value chain, and to upgrade industrial strategy to cover the product whole life cycle of a digital and intelligent manufacturing process.

With its world-leading design concept, years of experience and profound understanding of the production site, we constantly meet customers' demands for product diversification and high quality.

2015
儒拉玛特(长春)公司成立
获得ISO9001质量管理体系
ruhlatmat (Changchun) was established
Obtained ISO9001 quality management system

2016
营业额达到687万
The turnover reached 6.87 million

2017
营业额达到2392万
获得单笔项目价值542万人民币
The turnover reached 23.92 million
The value of a single project is 5.42 million RMB

2018
营业额达到5425万
获得单笔项目价值717万人民币
首次获得计算机软件著作权登记证书
The turnover reached 54.25 million
The value of a single project is 7.17 million RMB
Obtained computer software copyright registration certificate for the first time

2019
获得单笔项目价值852万人民币
认定为科技小巨人企业、高新技术企业
获得计算机软件著作权登记证书5项
The value of a single project was 8.52 million RMB
Identified as a small technology giant enterprises, high-tech enterprises
Has obtained the computer software copyright registration certificate 5

2020
儒拉玛特(长春)公司
成立5周年
ruhlatmat (Changchun)
5th Anniversary



源于德国自动化行业领先的制造工艺和技术
From the German automation industry leading manufacturing process and technology

儒拉玛特集团全球统一的机械设计标准模块、电气设计标准框架
ruhlat group global unified mechanical design standard module, electrical design standard framework

成熟的项目管理经验和供应商团队
Mature project management experience and supplier team

ruhlatat在中国的20年发展历程中,每年有近100条产线的生产经验。我们从这些丰富的项目管理经验中提炼出一整套适用于自动化行业的项目管理流程,也成功地塑造了一支优秀的项目管理团队和供应商团队。
ruhlatat has nearly 100 production lines every year during its 20 years of development in China. From these rich project management experience, we have extracted a whole set of project management processes suitable for the automation industry, and also successfully shaped an excellent project management team and supplier team.

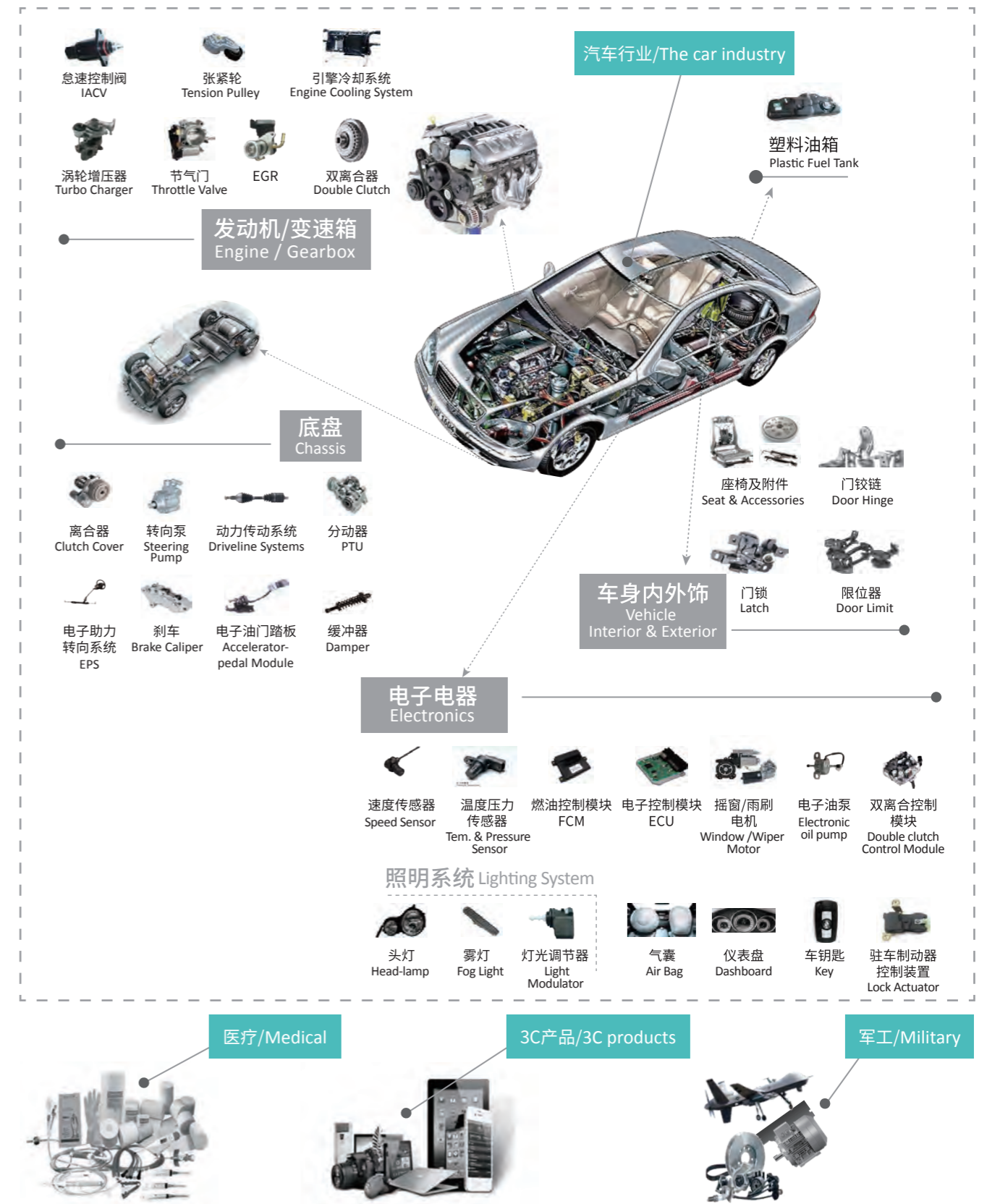
VDA | QMC
Qualitäts Management Center im Verband der Automobilindustrie CHINA

ISO
International Organization for Standardization

严格的质量管理体系
Strict quality management system

苏州、合肥、长春三大制造、生产服务基地,重庆、武汉两大服务基地。
Suzhou, Hefei, Changchun three manufacturing, production and service base, Chongqing, Wuhan two service base.

覆盖全国的服务售后服务与技术支持体系
After-sales service and technical support system covering the whole country



四大主要工艺/Four main processes

压装
Being connected

液压压装/Hydraulic pressure equipment
电机压装/Motor installation
气液压装/Gas hydraulic loading
伺服压装/Servo installation

铆接
Riveting

旋铆铆接/Spin riveting riveting
拉铆铆接/Pull rivet riveting
红外铆接/Infrared riveting
热铆铆接/Hot riveting riveting

焊接
Welding

压铆激光焊/Pressure riveting laser welding
超声波焊/Ultrasonic welding
氩弧焊/Argon arc welding
电阻焊/Resistance welding
气保焊/Gas shielded welding
波峰焊/Wave soldering

拧紧
Screw up

气动拧紧/Pneumatic tighten
伺服拧紧/Servo screw
电动拧紧机/Electric tightening machine

辅助类工艺/Auxiliary process

机器视觉
Machine vision

三维检测
3d detection
三维料箱随即拣选
3d material box is selected immediately
位置检查
Location to check
尺寸测量/Size measurement

机器人视觉指导
Robot vision guide
涂胶质量检验
Quality inspection of glue coating
缺陷检查
Defect inspection

数字化软件
Digital software

系统控制/System control
追溯和EMS软件/Traceability and EMS software
物联网和先进的分析解决方案
Internet of Things and advanced analytical solutions

功能测试
Functional test

泄露测试
Leak testing
远程控制距离测试
Remote control distance test
压力测试
Pressure test
温度测试/Temperature test

高低压测试
High and low pressure test
位移测试/Displacement test
扭矩测试/Torque test
影像测试/Video test
尺寸检测/Size detection

分拣/供料
Sorting/feeding

螺旋传输/Screw transmission
直线传输/Linear transmission
提升机/Hoist
抓取/Grab

加工
Processing

打孔扩孔/Punch reaming
材料切割/Material cutting
倒角修整/Chamfering dressing
打磨修整/Polishing finishing

其它辅助工艺/Other auxiliary processes

- 润滑: 涂油润滑、涂脂润滑
Lubrication: Oiled、grease lubricated
- 涂胶: 常规涂胶、真空涂胶
Gluing: Conventional gluing、vacuum gluing
- 加热: 电磁、红外、高频、介质
Heating: Electromagnetic、infrared、high frequency、medium
- 打标: 气动、喷墨、激光
Marking: pneumatic、ink-jet、laser
- 静电消除: 等离子
Electrostatic elimination: Plasma
- 表面处理: 等离子
Surface treatment: Plasma
- 连接/粘合: 粘合、卷边、收缩、埋线
Bonding/bonding: bonding、edging、shrinkage、embedding
- 点胶: 粘合剂、液体
Glue: adhesive、liquid

汽车零部件行业/Auto Parts Industry

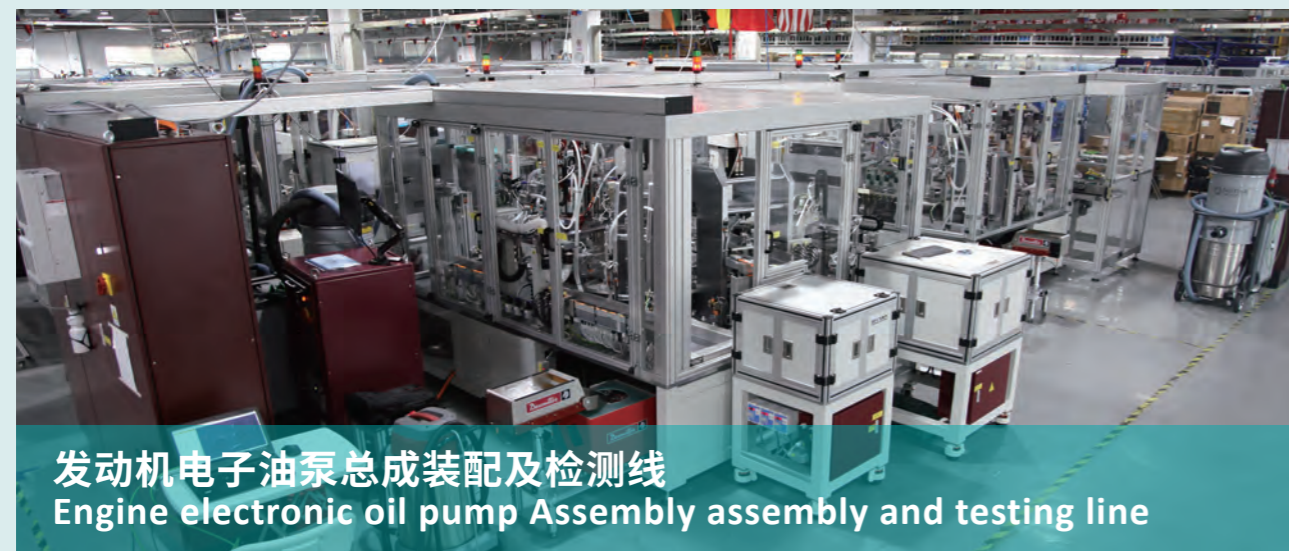
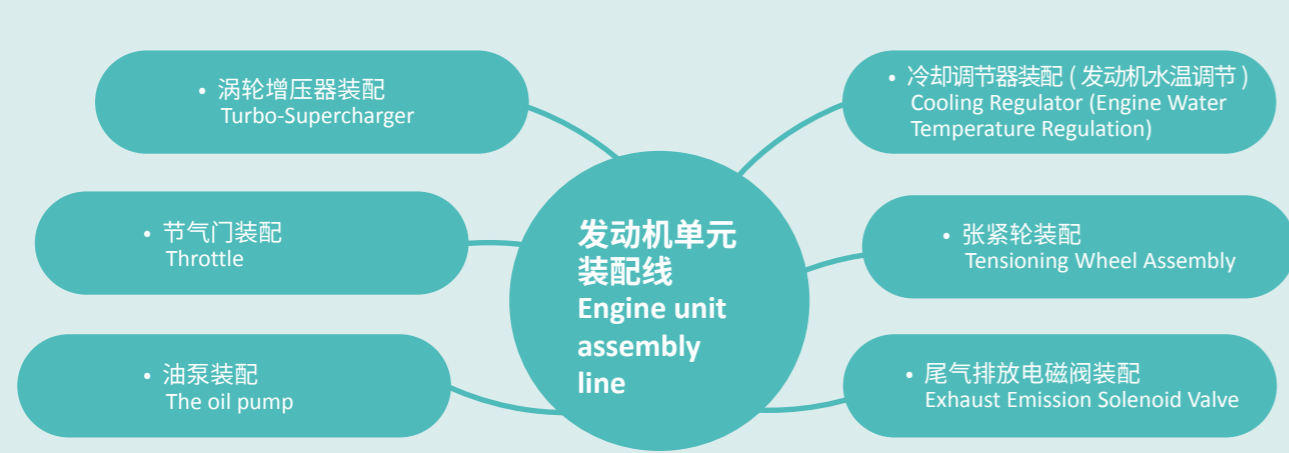


新能源行业/New Energy Industry



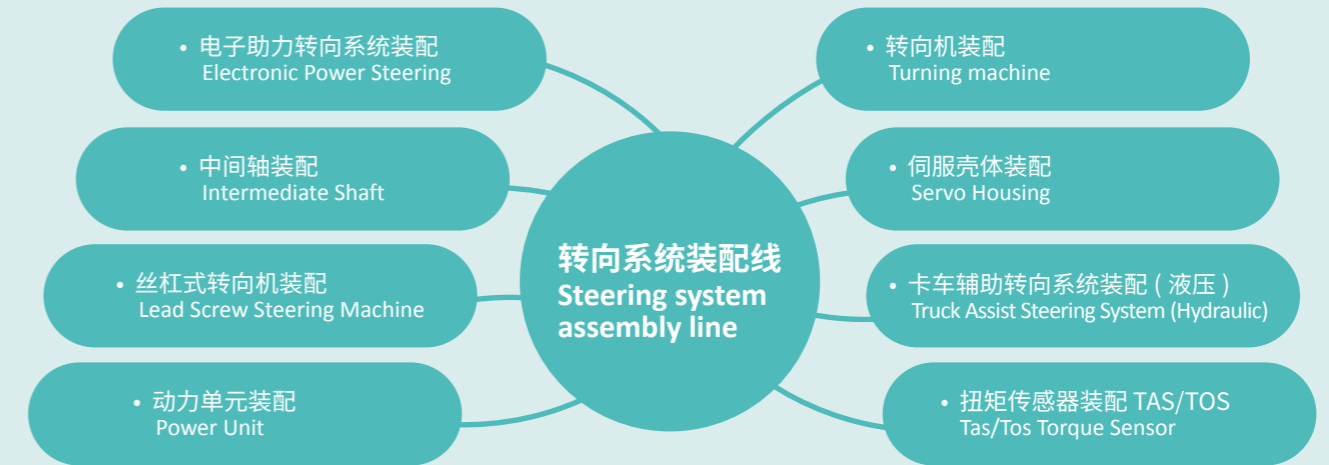
其他行业/Other Industries





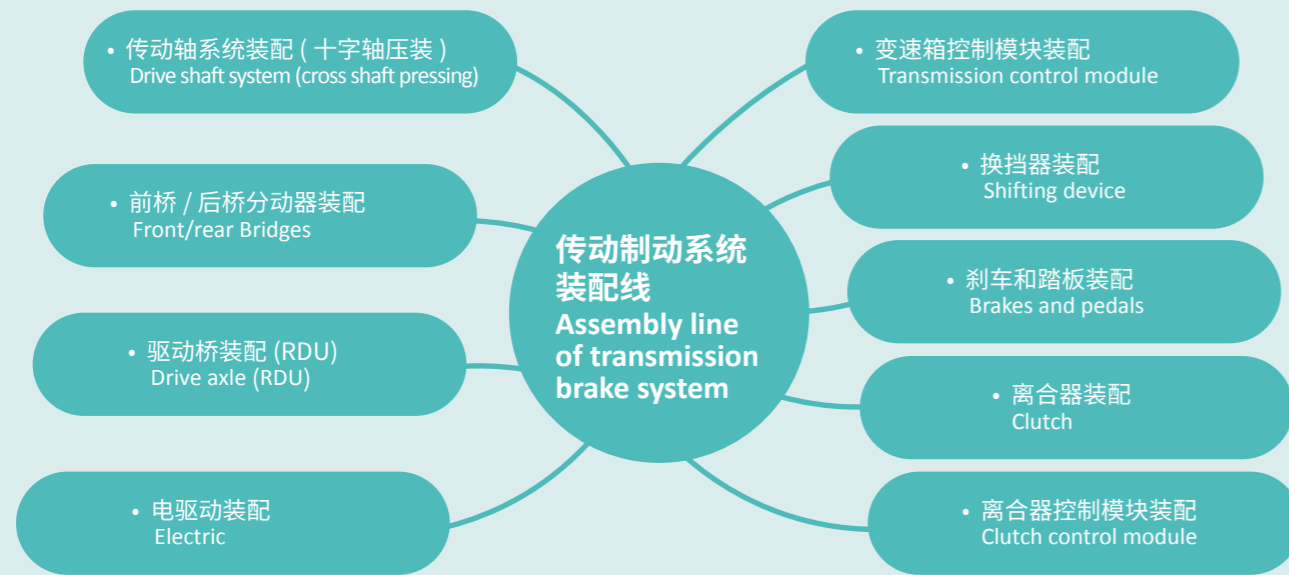
发动机电子油泵总成装配及检测线
Engine electronic oil pump Assembly assembly and testing line

主要工艺	Main process
定子压装	The stator being connected
磁铁压装	The magnet being connected
转子堆激光打标	Rotor stack laser marking
传输系统	Transmission system
模块式装配	Modular assembly
PCB 装配	PCB assembly
视觉检测	Visual inspection
磁化	Magnetization
拧紧	Screw
霍尔测试	Hall test
内外齿轮装配	Internal and external gear assembly
高度测量	Height measurement



电子助力转向系统装配检测线
Electronic power steering system assembly testing line

主要工艺	Main process
连接器压装	Connector assembly
蜗轮装配	Worm gear assembly
定位环装配	Positioning ring assembly
磁铁压装	The magnet being connected
衬套装配	Bushing assembly
电机装配	The motor assembly
电子控制单元组装	Electronic control unit assembly
蜗杆装配	Worm assembly
螺栓拧紧	Bolt is tightened
插销检查及贴标	Check and label the bolts
调节塞拧紧	Tighten the adjusting plug
传输系统	Transmission system



等速驱动轴线
Constant speed drive axis

主要工艺

- 电缸压装反拉轴向间隙检测
- 自动涂胶距转距检测
- 夹箍钢球检测
- 定量注脂钢球大小防错
- 收口视觉系统
- 滑移力测试

Main process

- Detection of tension axial clearance of electric cylinder pressing device
- Automatic gumming pitch detection
- Inspection of hoop steel ball
- Error proofing for size of steel ball of quantitative injection grease
- Closure visual system
- Slip force test



DCU 控制器自动装配线
DCU controller automatic assembly line

主要工艺

- 传送带系统
- 视觉系统
- 机器人
- Tray 盘上下料系统
- 追溯系统
- 激光打标
- 自动剪切 PCB
- 自动压装
- EOL 测试

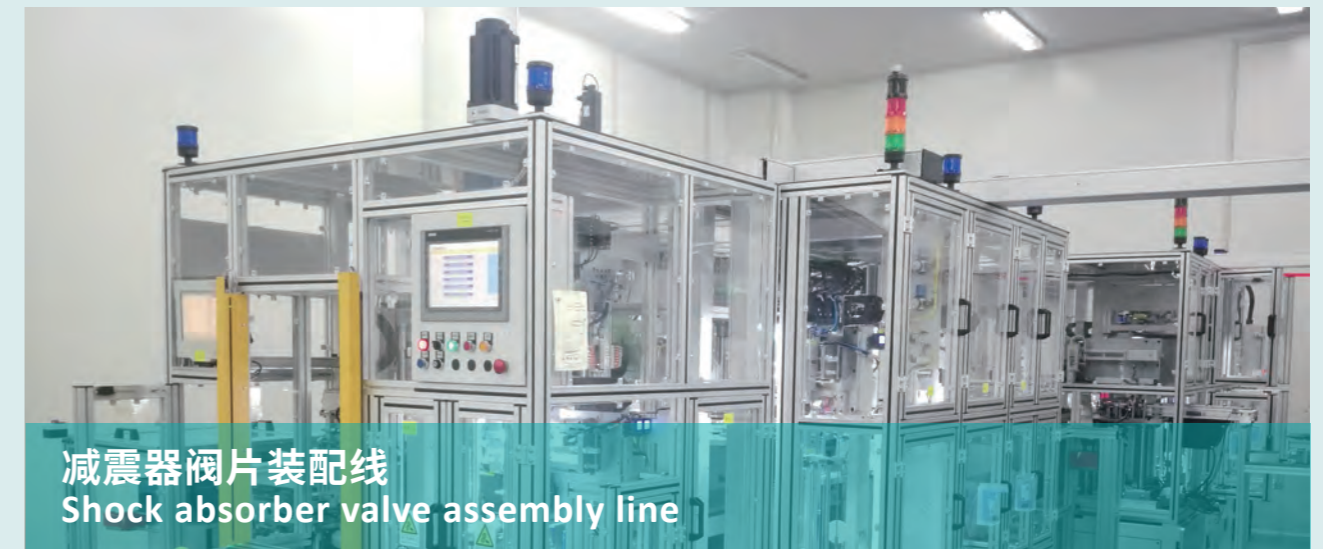
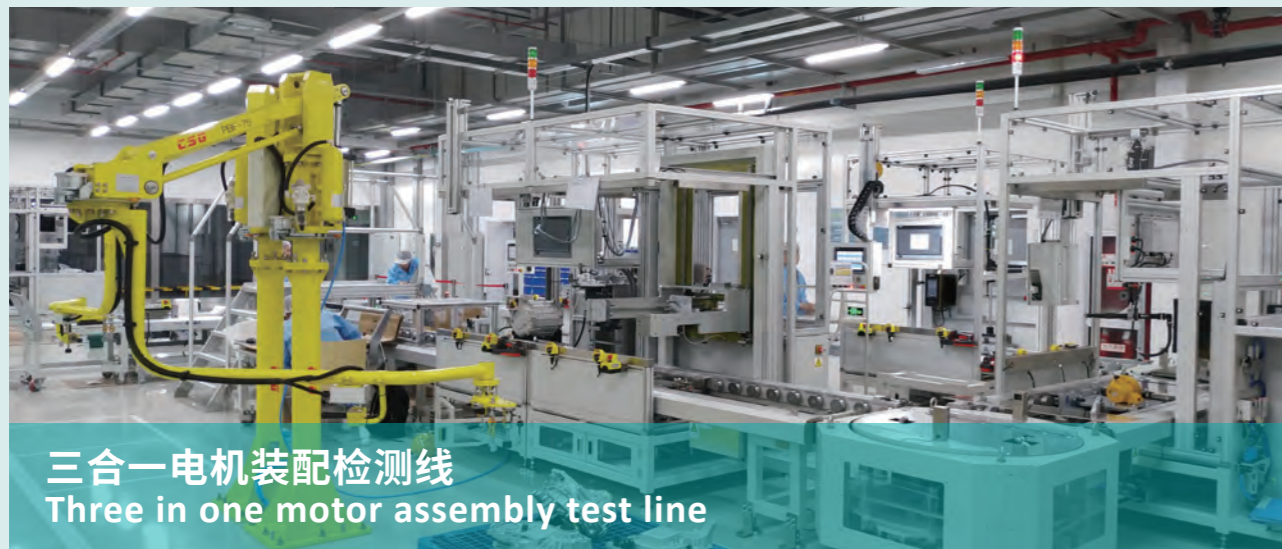
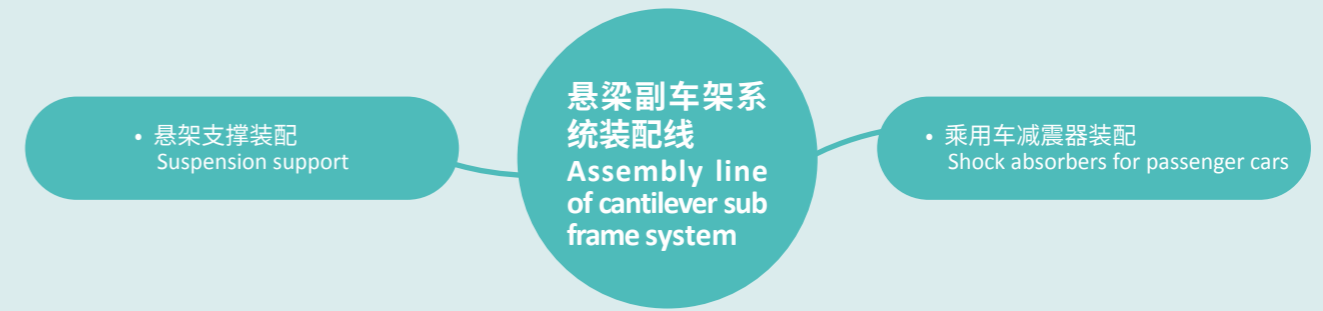
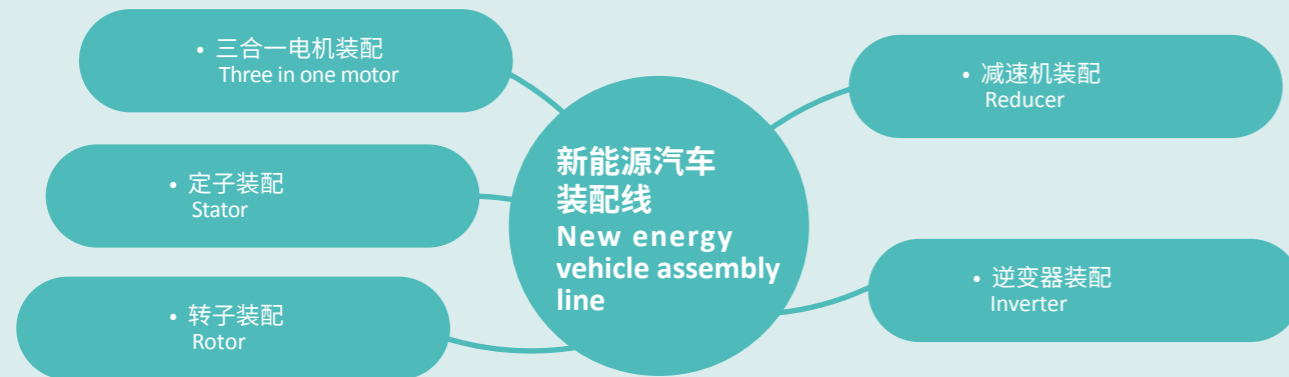
Main process

- Conveyor system
- The visual system
- The robot
- Tray loading and unloading system
- Traceability system
- Laser marking
- Automatic cutting PCB
- Automatic pressure equipment
- EOL test



主要工艺	Main process
压装	Press fitting
波形弹簧检测	Wave spring detection
激光打标	Laser marking
注油	oil
马达上料	Motor feeding
噪音测试	The noise test
力和位移曲线监控	Force and displacement curve monitoring
拧紧	Screw

主要工艺	Main process
传送带系统压装	Conveyor system pressure assembly
机器人调光	Robotic dimming
喷火自动贴标签	Automatic labeling of spray fire
打胶 EOL 测试	Glue EOL test
视觉检测泄露测试	Visual detection leak test
等离子清洗	Plasma cleaning



主要工艺	Main process
压装	Press fitting
拧紧	Screw
上下料	Up-down material
压力测试	Pressure test
测试	Test
激光打标	Laser marking
2D/3D 视觉系统	2D/3D visual system

主要工艺	Main process
十二工位转盘	Twelve station turntable
方向检测	The direction detection
线体传输	Transmission line body
震动釜上料	Feed the vibrator
压铆	Pressure riveting
真空系统	Vacuum system
皮带上料	Belt feeding
旋铆	Spin riveting
厚度检测	The thickness of the test
视觉检测	Visual inspection
磁分离	Magnetic separation
退磁	demagnetization