



KÜSTER 集团在中国

In China for China: KÜSTER has been serving as a partner to the Chinese automotive market for over 17 years.

在中国：KÜSTER作为中国汽车市场的合作伙伴已超过17年。

KÜSTER in China KÜSTER集团在中国



Who we are. 认识我们

100 years of company history, almost 90 years as an automotive supplier, **and more than 17 years as a partner to the Chinese automotive industry:** that's KÜSTER, your reliable supplier for actuators and systems in the automotive sector.

拥有100年历史的公司，近90年的汽车行业供应商，**超过17年的中国汽车行业合作伙伴：**这就是KÜSTER集团，可靠的汽车行业执行器和系统的供应商。

What we do. 我们能做什么

We develop and produce your products for the most diverse requirements from our KÜSTER Tech Center in China and Germany.

在中国和德国的KÜSTER技术中心为您开发和生产最多样化的产品。

Our Solutions for the Chinese market
针对中国市场的解决方案



Actuator Solutions
执行器系统



Shifter Systems
换挡器系统



WR & Drives
门系统及驱动



Drive Cables
拉索及驱动软轴

More at <https://produkte.kuester.net/en/>

KÜSTER develops and produces intelligent actuators and systems for the mobility of the future.

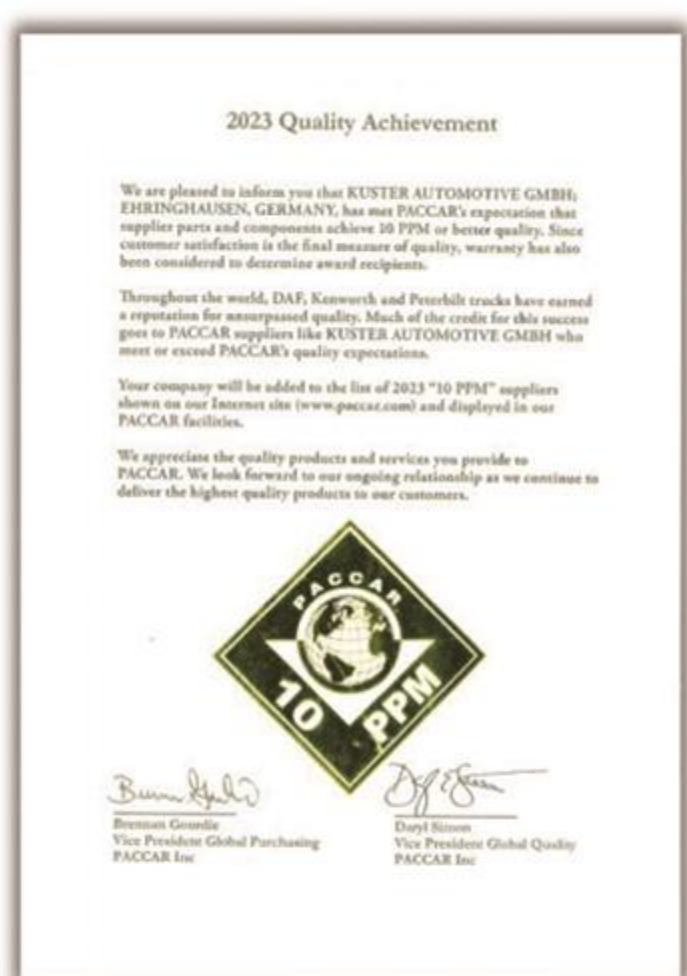
KÜSTER研发和生产智能执行器和未来的移动系统。

Company purpose and key facts

公司宗旨和主要事件

Responsible entrepreneurship has characterized us for 100 years and has united us across generations. Confidence, ingenuity and a passion for technology are our driving force. We consistently invest in the further development of our product portfolio and empower change through innovative solutions.

100年来，负责任的企业家精神一直是我们的特色，这使我们几代人团结在一起。自信、创造力和对技术的热情是我们的动力。我们不断投资于产品的进一步开发，并通过创新的解决方案赋予产品新的变革力量。



4x PACCAR Award
10 PPM or better Quality



2x VW Group Award
Local Performance Champion

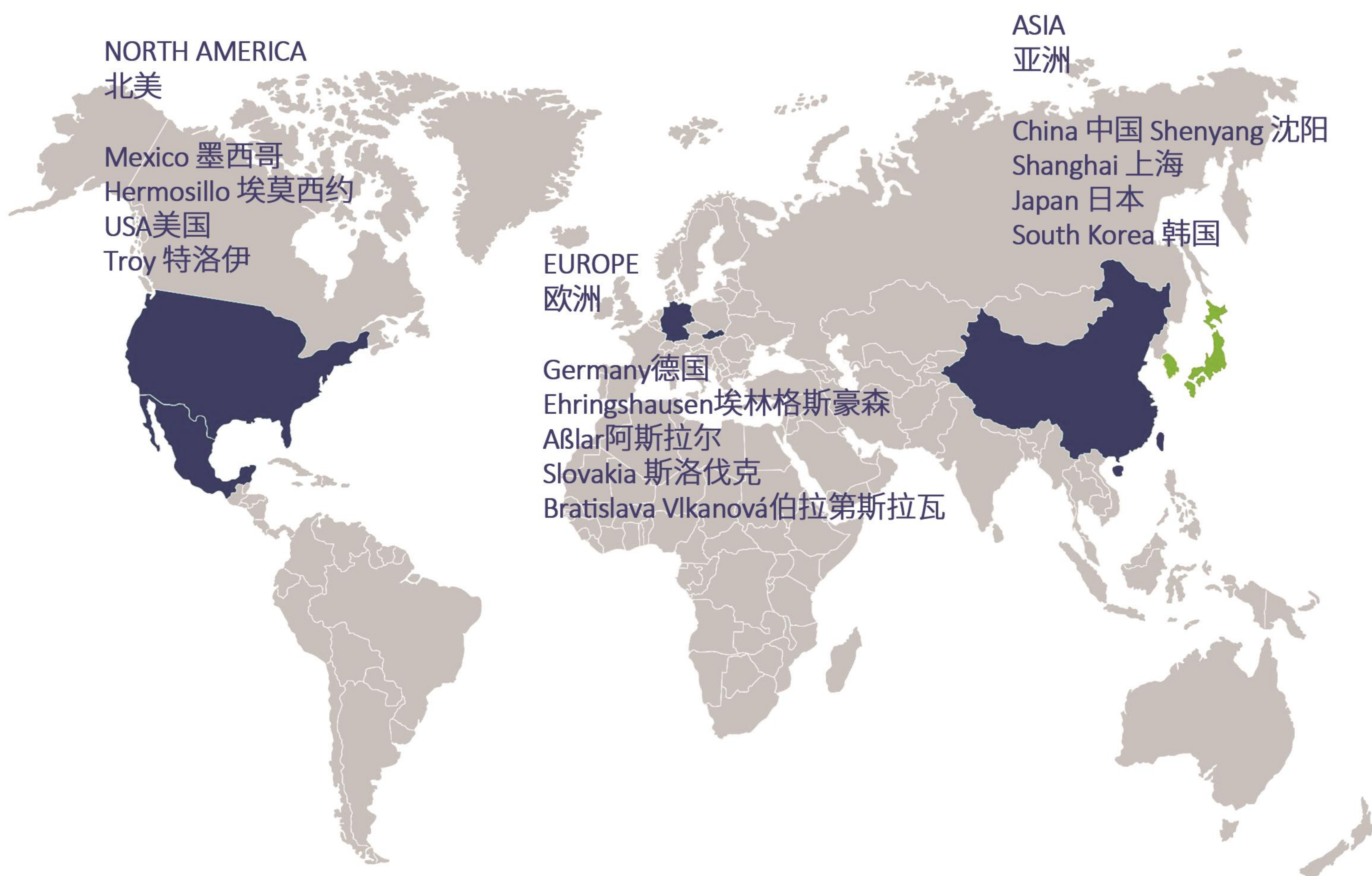


Ford Preferred Quality Status
Engineered Control Systems Shanghai

With our global presence, we are always close to our customers in the global automotive industry.

凭借我们的全球业务，我们始终与全球汽车行业的客户保持密切联系

Global sites 全球区域业务



3
Tech Centers 技术中心
USA 美国
Germany 德国
China 中国

8
Production sites 生产基地
Mexico 墨西哥
Germany 德国
Slovakia 斯洛伐克
China 中国

2
Sales offices 销售办事处
Japan 日本
South Korea 韩国

100 years as an automotive supplier: KÜSTER, your reliable partner for moving solutions in the automotive sector.

100年的汽车行业供应商：KÜSTER，是针对移动解决方案的可靠合作伙伴。

Long-term customer relationships based on partnership

长期的伙伴关系客户

主机厂 OEM



一级供应商 Tier 1



Selected Customers
精选客户

圣加仑汽车工程技术(上海)有限公司

ECS Engineered Control Systems

圣加仑汽车工程技术（上海）有限公司成立于2009年3月。是KÜSTER（德国）集团设置于亚太区的研发中心，圣加仑致力于为客户提供全方位的汽车零部件（包含各类执行器、控制系统、电子类产品等）的产品开发。

ECS Engineered Control Systems(Shanghai) Co., Ltd was established in March 2009. It serves as the research and development center for the KÜSTER (Germany) Group in the Asia-Pacific region. ECS Shanghai Technical Center is dedicated to providing comprehensive product development for automotive components, including various actuators, control systems, electronic products, and more.



辽宁圣加伦控制系统有限公司

ECS Liaoning Control System Co., Ltd.

辽宁圣加伦控制系统有限公司成立于2009年，坐落于辽宁省铁岭经济开发区懿路工业园，占地8.8万平方米，建筑面积4.8万平方米。公司主要产品有手、自动变速操纵机构总成、各种控制拉线、皮裙和手球、冲压件、注塑件、玻璃升降器及各种执行器等。

公司配备有完备的生产制造流程，涵盖注塑机逾35台，机加冲压设备超百台，软轴拉索生产设备六十余台，及自动化组装线三十余条。全程实施零件二维码扫描管控，确保零件全程可追溯，质量稳定可靠。公司成功通过了IATF16949质量管理体系与ISO14001环境管理体系的双重国际认证，还建立了完善的信息安全管理体系。此外，公司荣获了大众集团A级供应商资格，并多次摘得优秀质量奖和优秀开发奖。

Liaoning ECS Control Systems Co., Ltd., established in 2009, is located in the Yilu Industrial Park of Tieling Economic Development Zone, covering an area of 88,000 square meters with a construction area of 48,000 square meters. The company's main products include manual and automatic transmission control assemblies, various control cables, and handballs, stamped parts, injection-molded parts, window regulators, and various actuators.

The company is equipped with a complete production process, including over 35 injection molding machines, more than 100 machining and stamping devices, over 60 cable production equipment, and more than 30 automated assembly lines. The entire process implements QR code scanning for parts management, ensuring traceability throughout the process and stable quality. Company has passed IATF16949 Quality Management System and ISO14001 Environmental Management System, the company has also established TISAX. Furthermore, the company has earned the qualification of a Grade A supplier from Volkswagen Group due to its outstanding product quality and development capabilities, and has repeatedly won awards for excellence in quality and development.



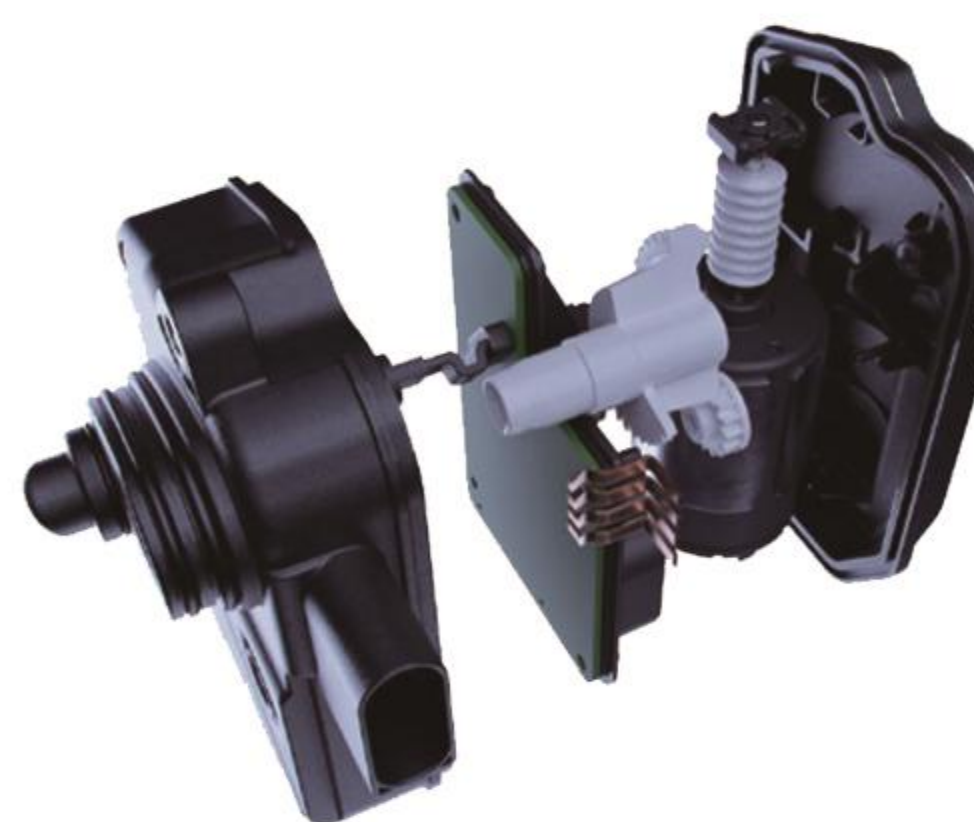
As a full-service supplier, we develop electromechanical actuation systems with our own electronics and actuators.

作为一家提供全方位服务的供应商，我们用自己的电子产品和执行器开发机电执行系统。

Product Portfolio / Application Areas 产品组合/应用领域

Actuators 执行器

- /// Charging Plug Lock 充电枪锁
- /// Parking Lock Actuators 驻车执行器
- /// Decoupling Actuator 解耦执行器
- /// Electrified Charging Lid 电动充电口盖
- /// Electric Parking Brake 电子驻车制动
- /// Thermal Management Actuator 热管理执行器
- /// Exhaust Actuators (Emission Reduction & Sound Design) 排气执行器 (减排及声音设计)



Shifter Systems 换挡系统

- /// Shift-by-wire Systems 电子换挡系统
- /// Column Shifter 怀挡换挡器
- /// Monostable and Multistable Shifter 单稳态和多稳态换挡器
- /// Push-button Shifter 按键式电子换挡器
- /// Rotary Shifter 旋钮换挡器
- /// Shift and Select Cables 换挡/选挡拉索

Door Systems & Drives 门系统及驱动

- /// Window Regulator (single / double rail) 玻璃升降器 (单轨/双轨)
- /// Track-controlled Lifter 径迹升降器
- /// Window Regulator Drive 车窗升降器驱动
- /// Electronics 电子产品
- /// Boot Cover Lifter 行李箱盖升降器
- /// Flush Handle 隐藏式门把手



Drive Cables 拉索及驱动软轴

- /// Drive Cables (e.g. for Sunroof Systems) 驱动软轴 (如天窗系统)
- /// Control Cable 控制拉索
- /// Emergency Release 应急释放拉索
- /// Push & Pull Cables 推拉索

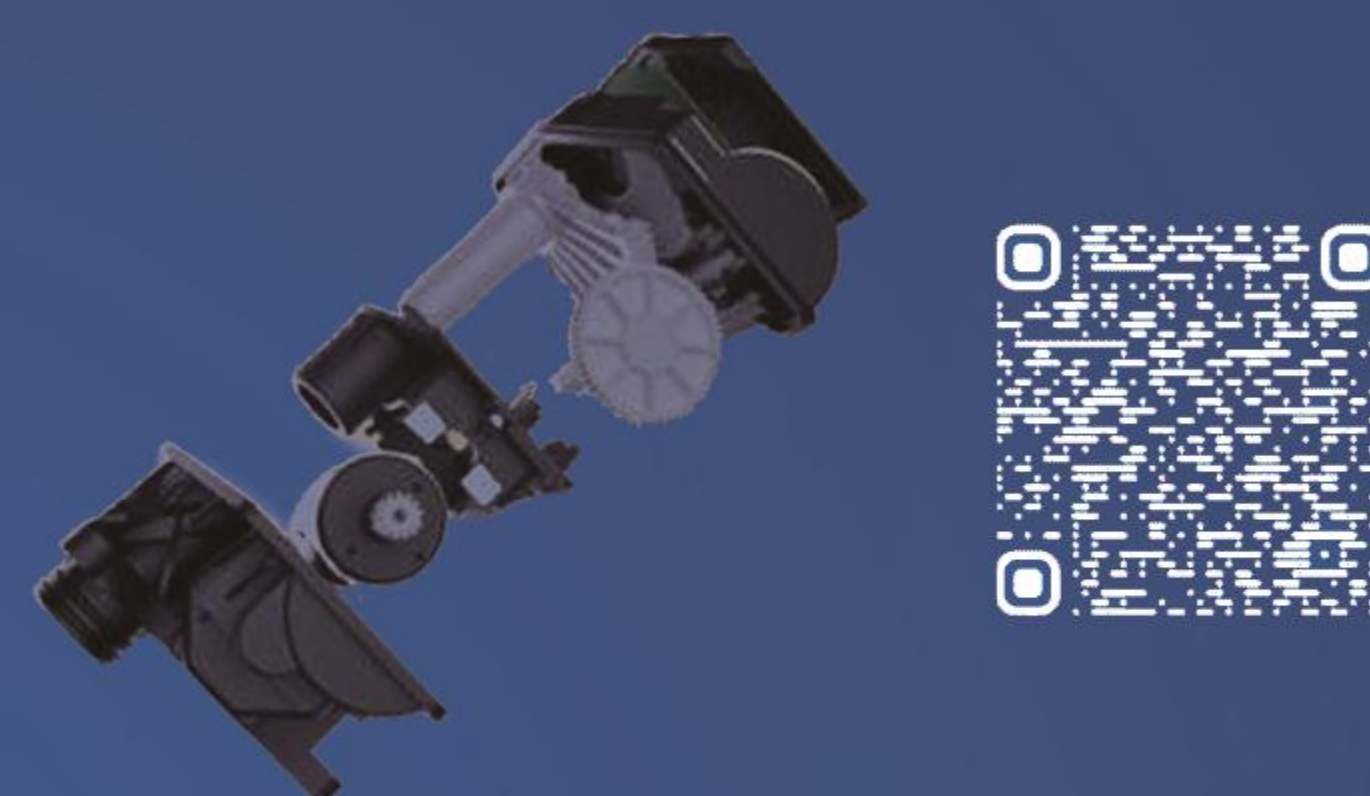
Our actuators are tailor-made solutions for specific applications and are based on our modular system.

我们的执行器是基于我们的模块化系统针对特定应用量身定制的解决方案

Actuator Product Portfolio 执行器产品组

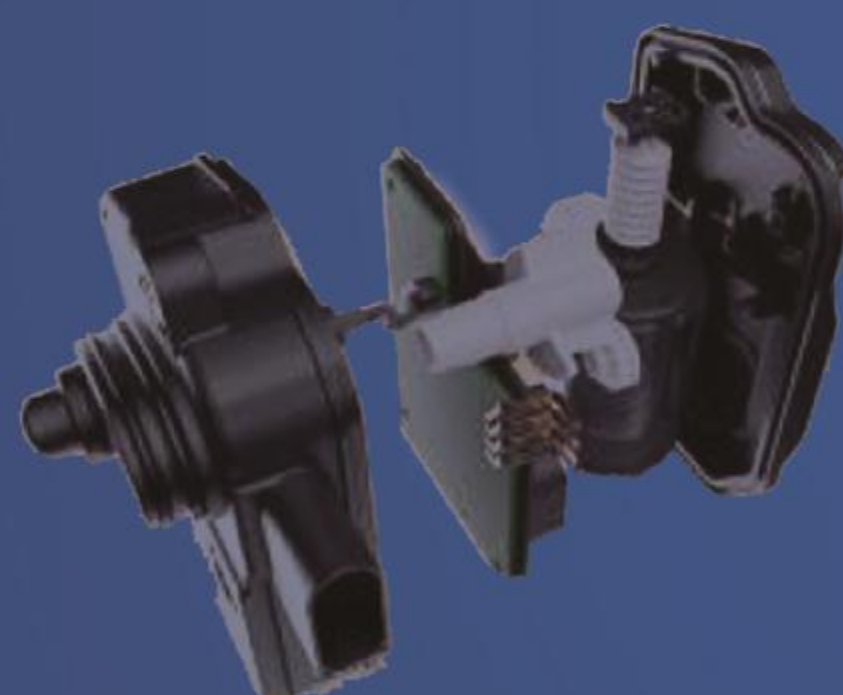
Parking Lock Actuator 驻车执行器

- /// Mechanical gear lock
机械齿轮锁
- /// High torque transmission despite compact construction
高扭矩传动，结构紧凑
- /// Suitable for electric and combustion vehicles
适用于电动和燃油车辆



Decoupling Actuator 解耦执行器

- /// Increased range thanks to drive train uncoupling
传动系统解耦，增加续航里程
- /// Quick adjustment time
快速调整
- /// Compact construction and low weight
结构紧凑，重量轻



Moving Smart

Our actuators are customized solutions developed and adapted to suit the specific application, based on a modular system including in-house development and production for mechanics and electronics. 我们的执行器是基于模块化系统开发，以可调整定制解决方案以适应特定应用，包括机械和电子的内部开发和生产。

As a system supplier, we have almost 50 years of experience and know-how in the field of mechatronics and the actuators required for this.

作为一家系统供应商，我们在机电一体化和执行器领域拥有近50年的经验和专业知识。

More at <https://produkte.kuester.net/en/>

Our actuators are tailor-made solutions for specific applications and are based on our modular system.

我们的执行器是基于我们的模块化系统针对特定应用量身定制的解决方案

Actuator Product Portfolio 执行器产品组

Charging Plug Lock 充电枪锁

- /// To secure the charging process for electric vehicles
确保电动汽车的充电过程
- /// Emergency release fault detection
紧急释放故障检测
- /// Guaranteed functionality from -40° C to 80° C
工作温度-40°C至80°C



Electrified Charging Lid 电动充电盖

- /// Movement time of 3 to 4 seconds
移动时间3-4秒
- /// Weatherproof and suitable for wet and dry rooms
防水，适用于干区及湿区
- /// Guaranteed functionality from -40°C to 90°C
在-40°C至90°C范围内保证功能



Further Actuators: 更多的执行器

- /// Exhaust Actuators
(Emission & Sound)
排气执行器 (排气&声音)
- /// Electric Parking Brakes
电动驻车制动器
- /// Thermal Management Actuator
热管理执行器

Our shifting systems are one of the most frequently used interfaces between driver and vehicle.

我们的换挡系统是驾驶员和车辆之间最常用的接口之一

Shifter Systems Product Portfolio 换挡系统产品组

Column Switch & Column Shifter 组合开关怀挡

- / Intuitive operation and appealing haptics
 直观的操作，吸引人的触感
- / Individual functions including driving assistants
 包括驾驶辅助在内的个性化功能
- / Non-contact, three-dimensional motion measurements
 非接触式，三维运动测量



Rotary Shifter 旋钮换挡器

- / Minimalist design and space saving
 极简设计，节省空间
- / Convincing feel
 令人信服的感觉
- / Safe operation
 安全操作



Moving Smart

Our shift systems have a modular design and can therefore be used flexibly in almost any vehicle series, regardless of which transmission is used.

我们的换挡系统采用模块化设计，因此可以灵活的用于几乎任何车辆系列，无论使用哪种变速箱。

OEMs can decide whether the driver's request should be communicated to the transmission manually via shift and select cables or completely electronically as a shift-by-wire variant.

汽车制造商可以决定是通过手动换挡器和拉索还是完全的电子信号例如电子换挡器将驾驶员的要求传递给变速箱。

Our shifting systems are one of the most frequently used interfaces between driver and vehicle.

我们的换挡系统是驾驶员和车辆之间最常用的接口之一

Shifter Systems Product Portfolio 换挡系统产品组

Monostable Shifter 单稳态换挡器

- /// Automatic reset to the home position
自动回位到稳态位置
- /// Situational blocking of certain shifter mechanisms
牢固的换挡机械装置
- /// Non-contact sensor concept for position detection
用于位置检测的非接触式传感器概念



Multistable Shifter 多稳态换挡器

- /// Switching via cable pulls or fully electric
档位通过拉索或电子信号进行切换
- /// High-precision and safe engagement of the gear
高精度和安全啮合齿轮
- /// High shifting speed
高换挡速度



Other shifting systems: 其他换挡系统

- /// Manual Shifter Systems
手动换挡系统
- /// Push-button Shifter System
按键式换挡系统

No matter with or without sensors, conventional or frameless: we adapt to your individual requirements.

无论带或不带传感器，传统或无框：我们都能满足您的个性化要求

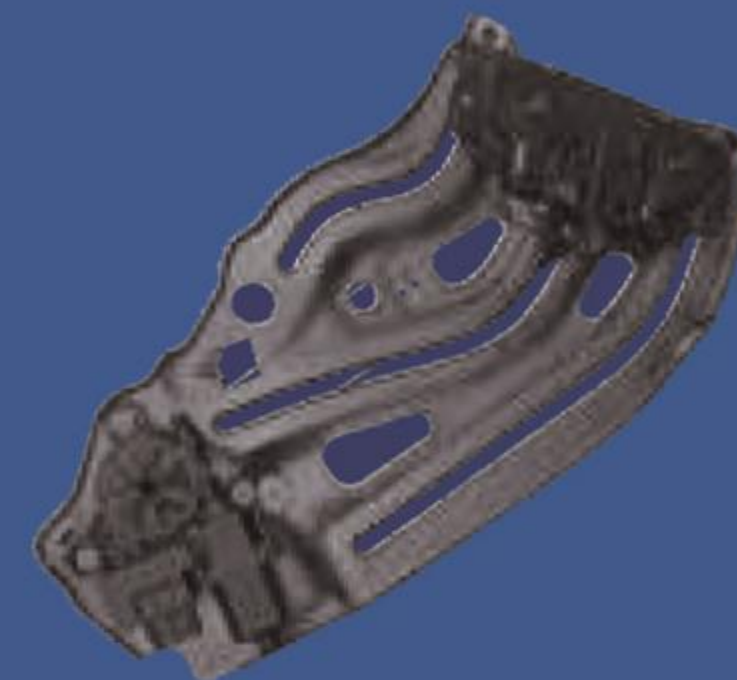
Door Systems Product Portfolio 门系统产品组

Window Regulator

(single / double rail & track-controlled)

玻璃升降器（单轨/双轨 & 轨道控制）

- /// Can be used in classic doors or frameless variants
可用于传统门或者无框门
- /// High flexibility of the rope lead-offs
高度灵活的绳索引出装置



Window Regulator Drive 玻璃升降器驱动

- /// Silent control via pulse width modulation (PWM)
通过脉宽调制（PWM）进行静音控制
- /// Cost-optimized through component reduction
通过减少组件实现成本优化
- /// Anti-interference and ESD-proof
抗干扰、防静电



Moving Smart

Whether drives with or without sensors, whether conventional or frameless versions: we adapt to your individual requirements. This is because we develop and manufacture new lifter systems in-house. This means we are particularly flexible and can react quickly to your wishes - and implement them reliably.

无论是带或不带传感器的驱动器，无论是传统门还是无框门：我们都能满足您的个性化要求。这是因为我们在内部开发和制造的全新的升降器系统。这意味着我们特别灵活，可以快速响应您的愿望，并可靠的实现它们。

No matter with or without sensors, conventional or frameless: we adapt to your individual requirements.

无论带或不带传感器，传统或无框：我们都能满足您的个性化要求

Door Systems Product Portfolio 门系统产品组

Boot Cover Lifter 行李箱盖升降器

- /// Variable opening and closing speeds
可变的开启和关闭速度
- /// Customer-specific optimization possible
可以针对进行优化
- /// Cost-optimized through the use of proven components
通过使用经过验证的组件实现成本优化



Flush Handle 车门把手

- /// Flexible design - adaptable to any door geometry
灵活设计-可以适应任何门的形状
- /// Innovative kinematics and smooth retraction
创新的运动学和平滑的收缩
- /// Automatic extension after a crash
碰撞后自动伸出



Moving Smart

New in the product portfolio:

The electrically retractable door handle. It not only contributes to the modern appearance of the vehicle, but also improves its aerodynamics.

产品组中的新产品：

电动隐藏式门把手。它不仅有助于车辆的现代外观，还可以改善其空气动力学

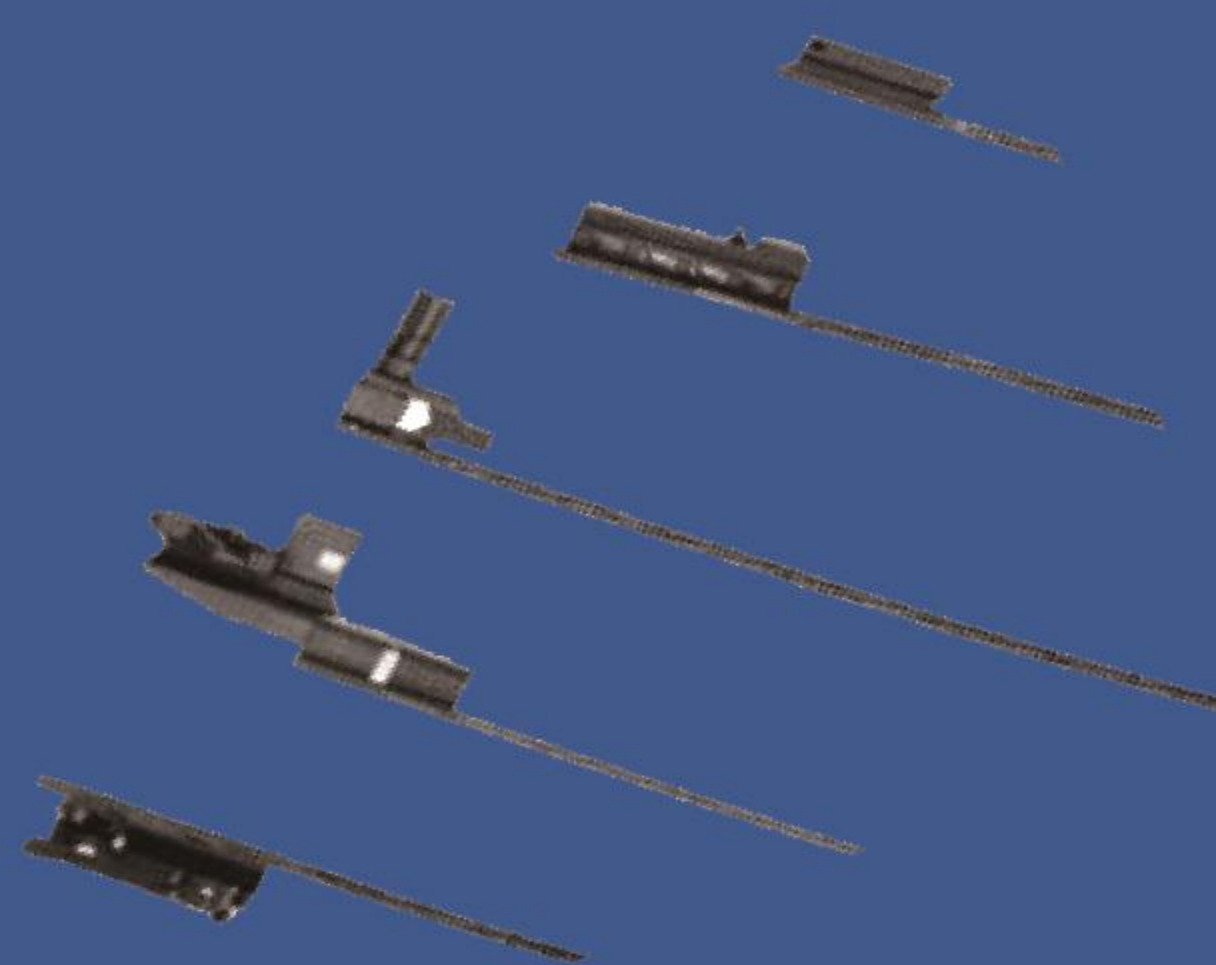
Our drive cable opens sunroofs, sunblinds, convertible tops or even electric charching Flap.

我们的驱动软轴可打开天窗、遮阳帘、敞篷车顶，甚至是电动遮阳板

Control and drive cables product portfolio 控制拉索及驱动软轴产品组

Drive Cables 驱动软轴

- /// Exact gradient accuracy
精确的梯度精度
- /// High strengths
高强度
- /// Low installation radii
低安装半径



Control Cables 控制拉索

- /// Low transmission loss
动力损失小，传输效率高
- /// High reliability
高可靠性
- /// Long-lasting durability
长久耐用

Moving Smart

Our cable construction of the stay cable with 2 or 3 layers, the different core systems (plastic, metal, hybrid) and the small laying radii, our drive cables are suitable for every application.

我们的线缆结构包括 2 层或 3 层的停留缆线、不同的线芯系统 (塑胶、金属、混合) 以及较小的铺设半径，因此我们的驱动缆线适用于各种应用。

OUR "LOW NOISE CABLE" SETS NEW ACOUSTIC STANDARDS 我们的低噪音电缆树立了新的声学标准。

Emergency Release Cables:

Bypasses electronic control and directly actuates the door lock; applicable to doors, tailgates, charging ports, etc.
Low noise, high responsiveness, and lightweight design.

应急解锁拉绳:

绕过电控，直接驱动门锁；覆盖车门、尾门、充电口等；低噪音、高响应、轻量化。



Moving Smart

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