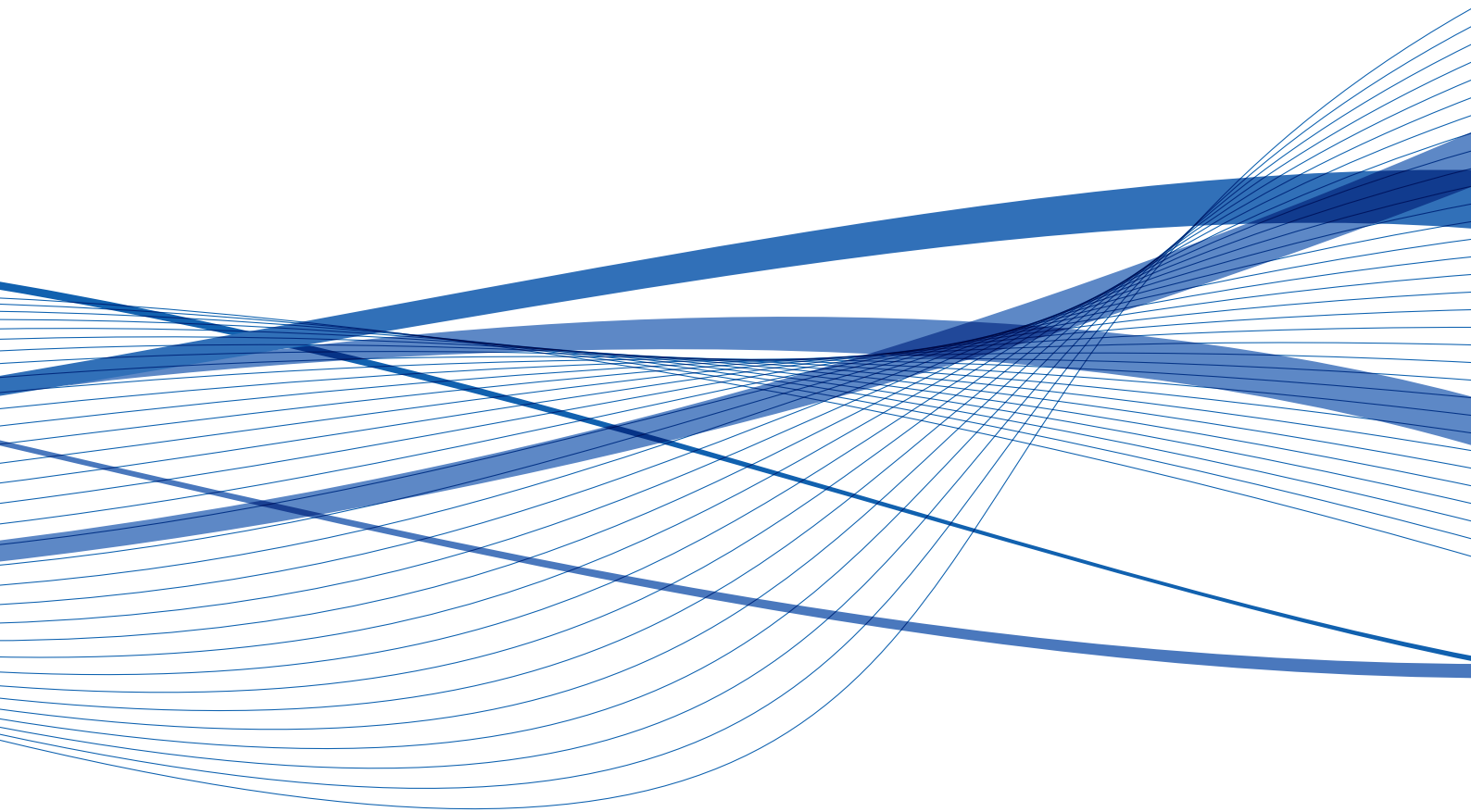




CORPORATE GUIDE



SMC GLOBAL

Sintered Metal (烧结金属) Company → SMC

本公司创立之初，主要是以粉末冶金法制造“烧结金属工业过滤器”的滤芯。那时，公司名称为“烧结金属工业株式会社”。随着烧结金属过滤器销售比率开始减少，且公司在证券交易所上市，为了树立新的企业形象，1986年4月1日我们将“SMC”这一已在海外享有盛誉的品牌做为公司全球统一使用的名字。

The company started its business by manufacturing the elements for industrial filters from sintered metal filtrate materials, by employment of the powder-metallurgy method, and had formally been called the Shoketsu Kinzoku Kogyo Co. Ltd. However, due to the decrease in the sales ratio of sintered metal filtrate materials, and also for the purpose of making a fresh new change to the corporate image by launching onto the Stock Exchange list, on the first of April 1986 we therefore decided to employ the name “SMC”, which was already being used as the international brand name, as the unified company name for both domestic Japan and international use.

● 经营理念 Management Philosophy

1 为产业的自动化·省力化做贡献

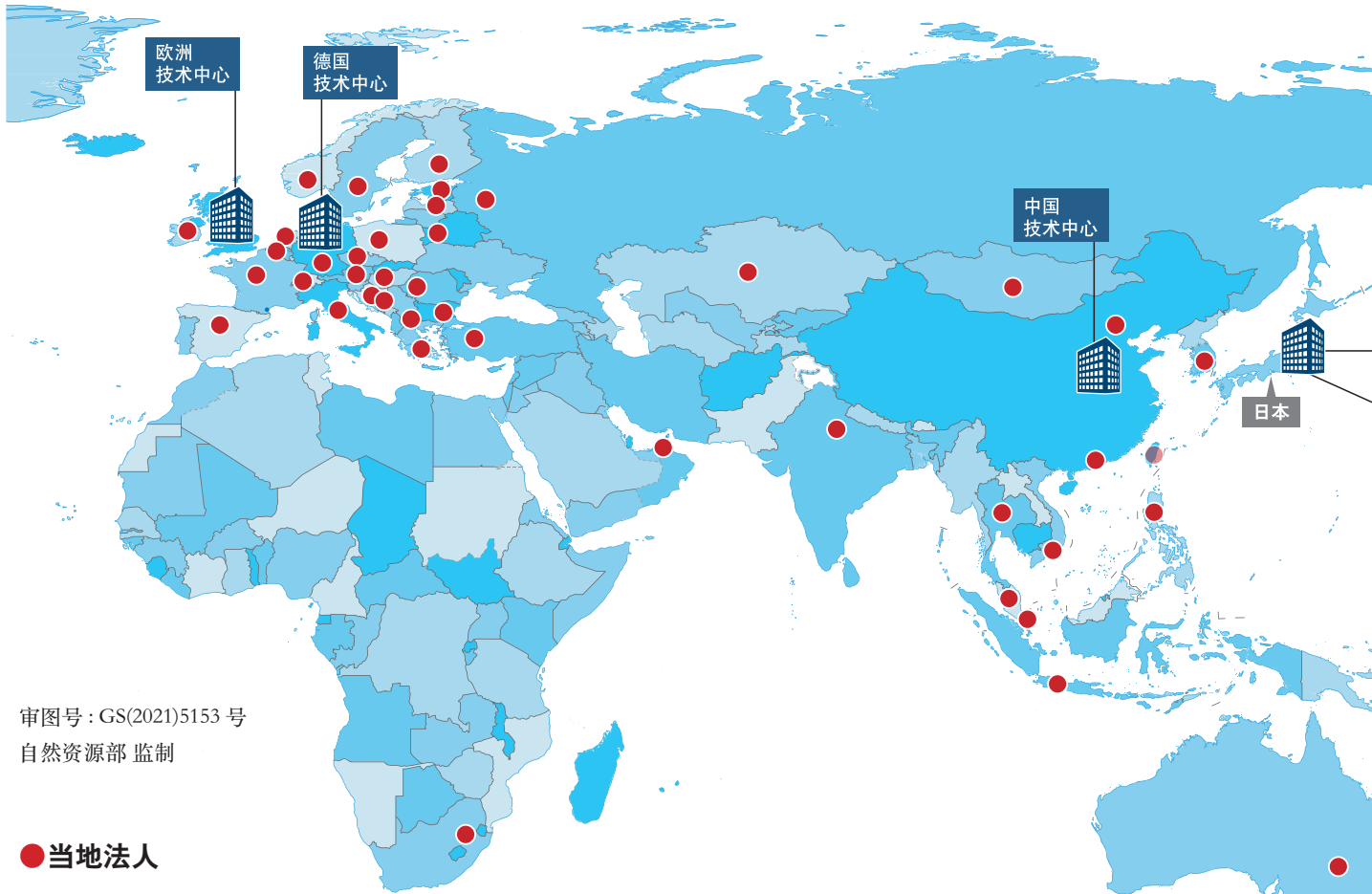
· Contributing to automated, labor-saving operations

2 专注本业

· Focus on the Pneumatics

3 面向全球市场的供给体系

· Supply system for global market



审图号：GS(2021)5153号
自然资源部 监制

● 当地法人

欧洲·非洲					
爱尔兰	希腊	塞尔维亚	芬兰	立陶宛	★ 南非
★ 英国	克罗地亚	★ 捷克	★ 法国	罗马尼亚	摩洛哥
★ 意大利	★ 瑞士	丹麦	保加利亚	★ 俄罗斯	
爱沙尼亚	瑞典	★ 德国	比利时		
★ 奥地利	★ 西班牙	★ 土耳其	波兰		
荷兰	斯洛伐克	挪威	葡萄牙		
哈萨克斯坦	斯洛文尼亚	匈牙利	拉脱维亚		

● **经营愿景** Management Vision

1 推进确实符合客户需求的产品开发，努力创建在纳期·品质·价格等方面可以满足客户要求的体制。

The company shall strive to develop products capable of accurately capturing customers' needs and to create a system capable of meeting customers' requirements for delivery, quality and prices etc.

2 专注于生产设备的新规扩充和现有生产设备的更新，建立面向未来的全球最优生产体制，同时加速合理化·成本降低。

The company shall focus on expanding new production facilities and upgrading of existing facilities to establish a future-oriented global optimal production system, and shall accelerate streamlining and cost reduction.

3 旨在全球市场的竞争中取胜并获得更高的市场份额。

The company shall aim at winning competitions in the global market and acquiring higher market shares.

ESG(环境·社会·公司治理)可持续性的应对 Our Approach towards ESG (Environmental, Social and Governance) Sustainability

作为SMC主力产品的气动元件，是以“即使排入大气中也无危害的压缩空气”作为动力源，是一种环境友好型自动控制元件。其对各产业领域的节能发展做出了巨大贡献！为了满足客户需求，SMC将努力开发更加节能环保的产品。

Pneumatic components, which are SMC's major products, are environmentally friendly automation control components powered by air which can be emitted to the atmosphere without creating pollution, greatly contributing to the efforts of energy conservation in all industrial fields. SMC shall be committed to developing ever more energy-saving products to meet customers' demands.



SMC中国

SMC China

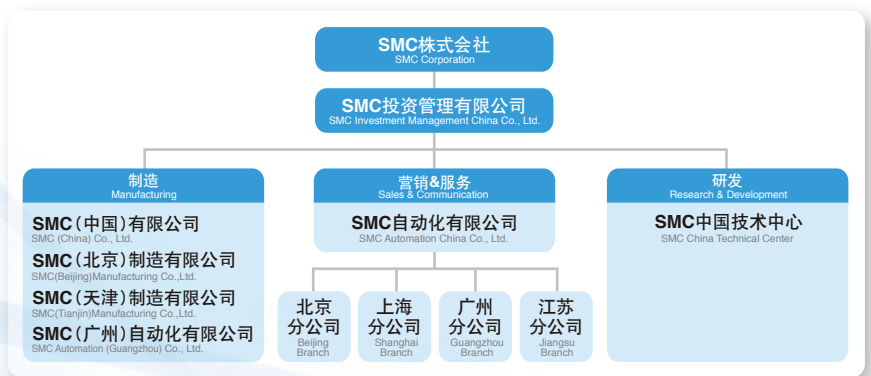
公司概况

Corporate Profile

成立日期: Date of Establishment	1994年9月2日 September 2nd, 1994
实收资本: Paid-in Capital	56.8亿人民币 5.68 billion RMB
公司性质: Corporate nature	外商独资 Wholly Foreign-owned
职工人数: Number of employees	7,133人(截止2023年12月) 7,133 (By Dec.2023)
工厂 Plant	北京、天津、上海、广州 Beijing, Tianjin, Shanghai, Guangzhou
研发中心 Technical Center	SMC中国技术中心(北京) CTC (Beijing)
物流中心 Logistics Center	北京、上海、广州、常州 Beijing, Shanghai, Guangzhou, Changzhou
营业所 & 驻在所 Sales offices & Residential offices	北京、上海、天津、重庆、郑州、武汉、沈阳、广州、深圳等96个 Beijing, Shanghai, Tianjin, Chongqing, Zhengzhou, Wuhan, Shenyang, Guangzhou, Shenzhen and so on.(96 in total)



公司介绍视频请扫码!



公司作风

Corporate Style

诚实 正直 勤奋 向上
Honesty Integrity Diligence Initiative



SMC 中国于 1994 年 9 月 2 日在首都北京成立，并以北京为起点全面发展，2021 年 SMC 投资管理有限公司、SMC 自动化有限公司成立。SMC 在中国设有 7 座工厂、1 个技术中心，在北京、上海、广州设有非标品工厂。SMC 中国生产的气缸、电磁阀、F.R.L. 组合元件、冷冻式空气干燥机、温控器、电缸等，供应着包括中国在内的约 80 个国家与地区。SMC 在北京、上海、广州、常州均设有物流中心，可迅速满足客户的需求。

SMC China was established on Sep. 2nd, 1994 with taking Beijing as our starting point for comprehensive development. In 2021, SMC Investment Management China Co., Ltd. and SMC Automation China Co., Ltd. were set up. SMC has developed 7 factories in China, a technical center in Beijing and three factories for non-standard products in Beijing, Shanghai and Guangzhou. Also, we have extended our business from these locations. We produce a large range of products, including cylinders, solenoid valves, F.R.L. components, refrigerated air dryers, temperature control equipment, electric actuators, etc., which are provided not only to China domestically, but also to other 80 countries and regions around the world. In addition, four logistics centers are located in Beijing, Shanghai, Guangzhou and Changzhou, by which we can meet customers' requirements as soon as possible.



■ 北京第一工厂/The first factory
占地面积 / Total land area: 19,089m²
建筑面积 / Total floor area: 14,645m²



■ 北京第二工厂/The second factory
占地面积 / Total land area: 60,589m²
建筑面积 / Total floor area: 40,222m²



■ 北京第三工厂/The third factory
占地面积 / Total land area: 274,579m²
建筑面积 / Total floor area: 190,000m²



■ 北京第四工厂/The fourth factory
占地面积 / Total land area: 92,874m²
建筑面积 / Total floor area: 71,843m²



■ 天津工厂/Tianjin factory
占地面积 / Total land area: 373,000m²
建筑面积 / Total floor area: 300,000m²

技术研发体系

SMC 中国技术中心于 2005 年年初在首都北京成立，现有约 178 名知识经验丰富的工程师。他们主要负责前沿技术的开发研究、产品性能的研究、非标品的设计与制造、系统开发设计及 3D CAD 等。

Technology R&D System

SMC CTC was founded in Beijing in 2005 and staffed with 178 knowledgeable and experienced engineers. They primarily focus on the research and development of frontier technology and properties of products, design and manufacture of non-standard products, system development, production of 3D CAD files, etc.



■ 上海工厂/Shanghai factory
占地面积 / Total land area: 18,140m²
建筑面积 / Total floor area: 16,173m²



■ 广州工厂/Guangzhou factory
占地面积 / Total land area: 23,000m²
建筑面积 / Total floor area: 13,800m²



营业服务体系

在中国设有 SMC 自动化有限公司，多达 96 个营业所。为把握客户需求，约有 1,400 名营业员与客户时刻保持紧密联系。他们不仅仅做销售，还会将客户的需求第一时间反馈给开发部门，成为了产品开发的重要一环。

Sales and Service Network

SMC Automation China Co., Ltd is set up in China with 96 sales offices. We have approximately 1,400 sales staff members who will listen to our customer's needs. They are not just sellers, but middlemen who feed users' requirements back immediately to development departments, which is crucial in product innovation and development.

制造供给体系

SMC 中国拥有全球规模最为庞大的气动元件生产基地（在北京有 4 座工厂，在上海、天津、广州各 1 座），仅 SMC 中国就约有 4,500 名中国员工，确保着产品的高品质和短交货期。

Production and Supply System

SMC China has four factories in Beijing, one in Shanghai, one in Tianjin and one in Guangzhou. We employ approximately 4,500 staffs in china who are responsible for high quality and short delivery term of our products.

企业责任

Corporate Responsibility

为履行企业社会责任的CSR活动 CSR activities to achieve corporate social responsibility

SMC深刻意识到：一个不被客户、股东、投资者、员工和社区所信任的公司将一无是处。为此，SMC将履行社会责任(CSR)放在企业发展的优先位置。为维系这种信任，SMC制定了SMC集团行为准则，所有SMC管理人员和员工应予以遵守。

SMC is aware that a corporation is nothing without the trust of its customers, clients, shareholders, investors, employees, and community, which is why SMC makes achieving social responsibility (CSR) a top priority. In order to maintain that trust, the SMC Group Code of Conduct was implemented as a guideline for all executives and employees to follow.

以SMC独特性为驱动力，直面挑战四大SDGs TARGET

Take the uniqueness of SMC as the driving force to face the challenges of the four SDGs TARGET.

SDGs是Sustainable Development Goals(可持续发展目标)的简称，是联合国在可持续发展峰会上提出的2030年世界应该达成的目标。它由17个目标组成，17个目标之下又设有169个小目标，涉及环境、人权、产业发展等领域。

SDGs is the abbreviation of Sustainable Development Goals. It is the goal that the world should achieve in 2030 proposed by the United Nations at the United Nations Summit on Sustainable Development. SDGs consists of 17 goals, under which there are 169 small goals in the fields of environment, human rights, industrial development and so on.

四大SDGs TARGETS (The Four SDGs TARGETS)

为实现可持续发展社会，SMC积极践行SDGs，制定了“SMC SDGs TARGET”。这些是我们经过反复讨论正在做的事、将要做的事之后，重新将其目标化，以便通过我们的本业——自动化控制技术，来解决社会所面临的问题。

SMC has formulated each of its SDGs initiatives to achieve a sustainable society as “SMC SDGs TARGET”. These targets were determined after repeated deliberations regarding what we are doing now and what we should be doing in the future in order to resolve the problems that society confronts today, by utilizing our main business: automatic control technology.

TARGET 01
尊重人权·
促进多样化·
确保安全安心的职场环境

活用多样化人才，
改变职场，改变社会。

3 良好
健康与福祉
4 优质教育
5 性别平等

8 体面工作
经济成长
10 减少不平等

SDGs事業認定証

人権の尊重・ダイバーシティの推進・職場の安全安心確保

SMC株式会社

TARGET 02
应对气候变化·
环境课题的对策

通过自动化控制技术，
助力可持续发展社会的创建。

6 清洁饮水和
卫生设施
7 经济适用的
清洁能源
9 产业、创新和
基础设施
11 可持续
城市和社区
12 负责任
的消费和生产
13 气候行动

气候変動・環境課題への対応

SMC株式会社

TARGET 03
全球产品的
稳定供给

创建一个可以不断准备
防止最坏情况发生，
并且任何情况下都不会停止的
供给体系。

13 气候行动
16 和平、正义与
强大机构
17 促进目标实现的
伙伴关系

グローバルな製品の安定供給

SMC株式会社

TARGET 04
人才育成·
自动化控制技术的普及

支持每个人的成长，
支持可持续的未来。

4 优质教育
8 体面工作
经济成长

人材の育成・自動化制御技術の普及

SMC株式会社

SMC支持可持续发展目标 (SDGs)。

SMC supports sustainable development goals (SDGs).

通过制造、技术、营业、经营·财务的BCP行动机制， 以持续的产品供给回报客户的信赖

The customers' trust is earned with our manufacturing, engineering, sales, management, and financial continuity efforts with a sustainable product supply.



BCP介绍视频请扫码！

可持续的BCP行动机制 Sustainable BCP Initiatives

(BCP: Business Continuity Plan、业务持续性计划)

制造部门BCP Production Department BCP

■ 量产工厂、物流仓库的风险分散

- 管理从采购、生产到流通的所有信息和产品动态，以提供持续的产品供给。
- 立足长远考虑对策，以灵活应对生产环境的突变风险。

■ 覆盖全球主要国家的SMC供给体系

生产基地: 约30个国家和地区、丰富的海外现地库存体制。

- Risk hedging by dispersing the location of production and logistics centers
- A sustainable product supply is provided by consistently managing the flow of information and goods from procurement to production and distribution.
- Measures are taken with a long-term perspective in order to implement flexibility and rapid responses to the risks of sudden changes in the production environment.
- SMC's supply system provides coverage of the world's major countries.
- Production Bases located in 30 countries and regions with an extensive local inventory system

技术部门BCP Technical Department BCP

■ 构建全球技术网络

- 日本、亚洲、美国、欧洲的技术中心合作开展BCP，1,700名工程师可快速对应。
- 在全球范围内准确快速地响应客户问题。
- 通过信息共享、紧密合作，在全球任何地方都可提供技术服务。

■ 业务系统备份

■ JTC(筑波技术中心)功能备份

- Global Engineering Network Established
- The BCP is implemented with collaboration between the Japan, Asia, US, and European Technical Centers, providing a quick response with 1,700 engineering staff members.
- Accurate and rapid responses to customer issues on a global basis.
- Technical services are provided worldwide through information sharing and close collaboration
- Other technical centers, working in parallel to each other can provide operational backups.
- Product development conducted by the JTC (Japan Technical Center) is backed up by the other technical centers.

营业部门BCP Sales Department BCP

■ 世界各国 约80个国家和地区、约500个营业网点、 中国1,400名 海外4,600名营业人员为客户提供支持

我们拥有众多营业网点和员工，可迅速细致地对应各个国家和地区不同的客户的要求，提高全球客户的满意度。

■ SalesConnect(CRM)客户信息管理

- With 500 sales offices in 80 countries around the world, SMC provides support for customers with over 6000-person strong global sales staff.
- SMC offers a full range of sales offices and staff in order to meet every customer request from diverse countries and regions. By doing this, we can deliver additional satisfaction to our customers within the global market.
- Customer relationship management via SalesConnect (CRM)

经营·财务BCP Management and Finance Related BCP

■ 成立顾问委员会

构建由集团下中国、意大利、美国、新加坡公司总经理组成的应急业务持续体系。

■ 坚实的财务基础

SMC凭借坚实的财务基础(现金存款及自有资金)，为非常时期的业务持续发展提供充足的运转资金、建筑物·设备等修复资金，让客户和员工安心。

- Establishment of an advisory committee
- Established an emergency business continuity system with the Chinese, Italian, American, and Singaporean subsidiary general managers.
- A strong financial foundation
- In the event of an emergency, SMC can provide a safe and solid financial base (with cash, deposits, and equity capital) that will sufficiently cover the working capital and funds needed to rebuild buildings and equipment required for business continuity. This is done to provide our customers and workers alike with a peace of mind.

信息(所有部门) Information Security (Applicable to all departments)

■ 通过全球统一的基础建设强化安全

(服务器、防火墙、网络设备、PC、安全工具)

■ 阻止网络攻击，强化自动检测、监控系统

■ 通过数据中心构建灾难恢复体系

- Strengthened information security with a globally maintained unified infrastructure. (Server, Firewall, Network Equipment, PCs, Security Tools)
- Prevention of cyber attacks, automatic detection, and strengthening of the monitoring system.
- Installation of data centers to establish a disaster recovery system.

(截止到2022年8月)(As of August 2022)

企业责任

Corporate Responsibility

聚焦环境问题进而改善制造工艺，节能减排·绿色制造

Production process improvements with a focus on the environment for energy saving, emission reduction and green manufacture.

在过去的数年中，SMC为了将对环境的影响降到最小限度，一直承担着推动支持可持续发展的社会责任。SMC作为气动行业的领军者，始终将CO₂减排作为最重要的课题，不断探索开发应对CO₂排放问题的新型绿色的解决方案。

我们的综合方法是：通过设计更紧凑、更轻量的产品，降低原材料的使用，缩短制造过程中的加工时间，同时减少产品本身所使用的能源消耗。所有的这些努力都将对CO₂的减排做出贡献。SMC集研发、制造、营业三位一体，能够对全世界客户的需求做出响应。我们的共同目标是找到有效保护环境的新方法。

Over the past several years, SMC has continued to take on its social responsibility to seriously promote and support sustainability in order to minimize negative impacts to the environment. SMC is always looking to develop newer and greener solutions with CO₂ reduction as a top priority as a leader in the field of pneumatics. One of the key components of our comprehensive approach is the designing of compact and lightweight products. Smaller, lighter products require less raw materials to make and less time to process. In addition, the products themselves use less energy. All of these efforts contribute to reduced CO₂ emissions. SMC's fully integrated technical, production, and sales departments are able to respond to the needs of our customers from around the world with a shared goal of finding new methods to effectively protect the environment.

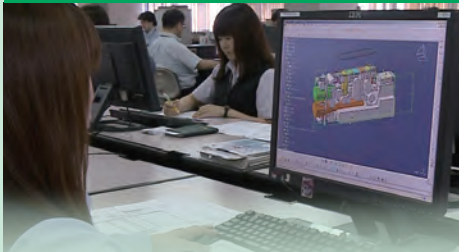
产销研一体全方

技术部门

Technical Department

环保产品 Eco-Products

开发(Development)



采用拓扑优化设计(小型·轻量·高效·长寿命的设计)

Providing topology-optimized designs (Compact, lightweight, efficient, and long-lasting designs).

制造

Production

环保工厂

制造(Production)



通过改变或减少原材料的使用，保护环境和节约能源。

Providing environment protection and energy saving measures by changing or reducing the raw materials used.



环保生产工艺、提高了生物排放。

Providing environmentally friendly which improve manufacturing aid in waste reduction.

产品(Products)

环保产品示例

Environmentally friendly product examples

强力喷枪 Impact Blow Gun



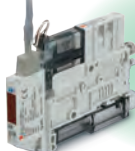
空气消耗量
In air consumption
减少 **87%**
Reduction

脉冲吹气阀 Pulse Blow Valve



空气消耗量
In air consumption
减少 **50%**
Reduction

真空发生单元 Vacuum Unit



空气消耗量
In air consumption
减少 **90%**
Reduction

SMC温室气体排放削减目标(SMC Group's GHG emission reduction targets) (Scope1+2)

CO₂ 削减

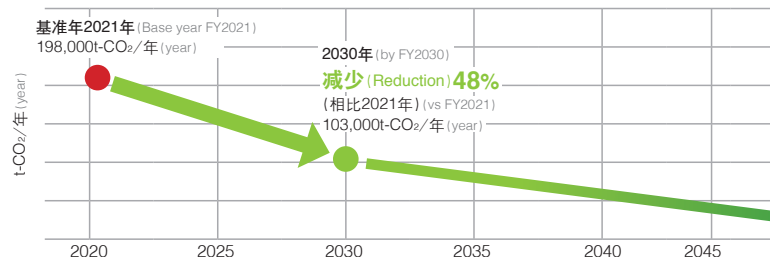
Reduction

通过脱碳实现碳中和 (Scope1+2)

Becoming carbon neutral and decarbonizing (Scope1+2)

到2030年，SMC的温室气体排放量预计**减少48%**。
(SMC Group Scope1+2 相比2021年)

SMC aims to reduce GHG emissions by 48% by FY2030.
(SMC Group Scope 1 + 2 vs FY2021)



SMC支持可持续发展目标 (SDGs)。

SMC is a strong supporter of the Sustainable Development Goals (SDGs).

约30 个国家和地区
Approx. 30 countries and regions

提供高品质材料和性能的产品
制造部门
Production Department

提供可靠的的技术支持
技术中心
Technical Department

SMC向客户联系的窗口
营业部门
Sales Department

5 处
技术中心
Technical centers 5 locations

Providing reliable technical solutions

The face of SMC for customers

削减CO₂排放量，请交给SMC吧！

Let SMC help you reduce your CO₂ emissions!

位支持CO₂减排

Integration of production, sales and research to fully support CO₂ emission reduction

部门
Department

Eco-Factory



产效率，减少废弃

manufacturing processes equipment efficiency and

物流(Distribution)



小型·轻量的产品使用较少的包装材料，运输更方便，运输效率提升。这一做法将进一步降低环境的负担。

Compact, lightweight products require the use of less packaging materials and are easier to transport, increasing transport efficiency. This in turn further reduces the burden on the environment.

营业部门
Sales Department

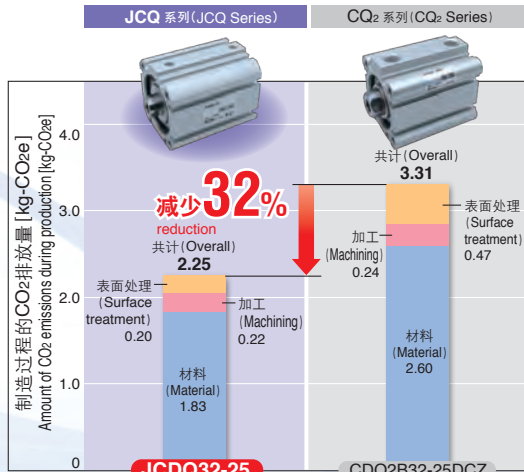
市场调研和信息收集
Market research and information collection
营业(Sales)



确认客户工厂的运行情况，并将获取的信息反馈到各部门，以便协同满足客户需求。

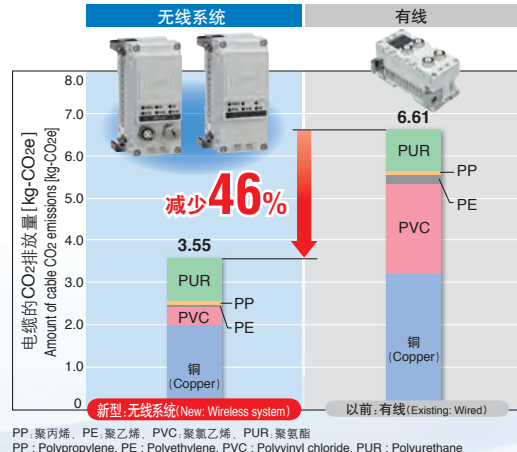
Confirms the operating conditions of the customers' factories and relays the obtained information back to each department in order to work together to best meet the customers' needs.

设计改进带来的CO₂排放量削减情况(CO₂ Emission Reduction Resulting from Design Changes)



基于提案的营业 (Proposal-Based Sales)

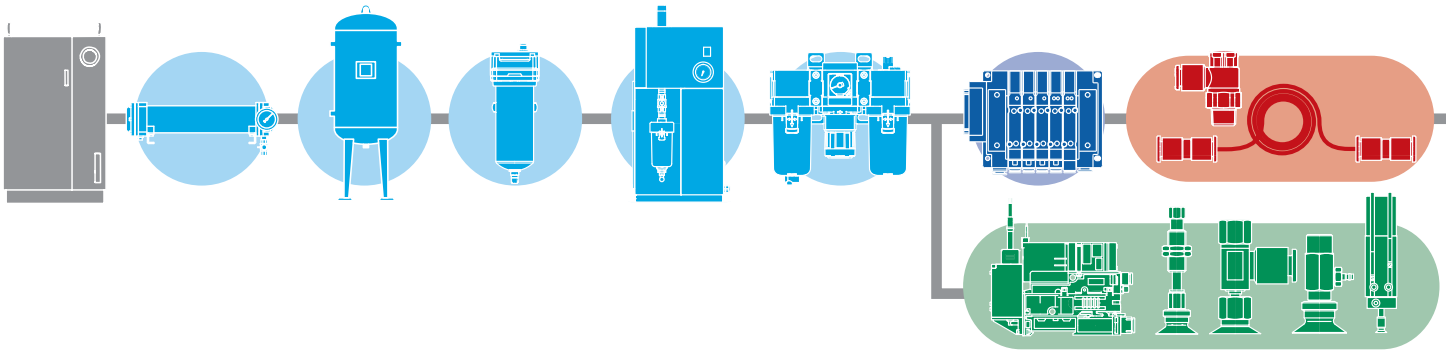
无线系统的CO₂排放量削减情况



2050年 (by FY2050)
碳中和
(Carbon neutral)

产品体系

Products System



压缩空气管理系统 Air Management System

监测到设备处于待机(生产停止时)的状态时, 降低供气压力。削减不必要的耗气量。

Monitors the machine standby conditions (when production stops) and automatically decreases the pressure. Reduces unnecessary air consumption.

节能
预测性维护
能源消耗可视化



压缩空气净化元件及辅件 Air Preparation Equipment & Air Line Equipment

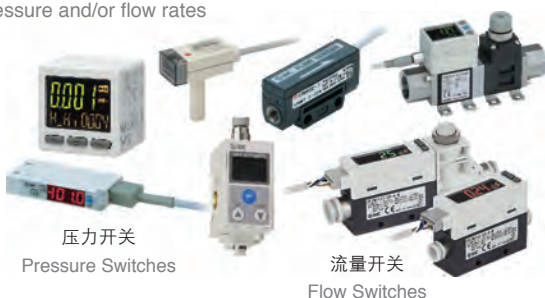
通过去除压缩空气中的湿气、异物等, 获得洁净空气。另外可提供压力控制或进行润滑。

Clean air is obtained by removing moisture, foreign objects, etc. from compressed air. Additionally, pressure control or lubrication can be provided.



检测开关 Detection Switches

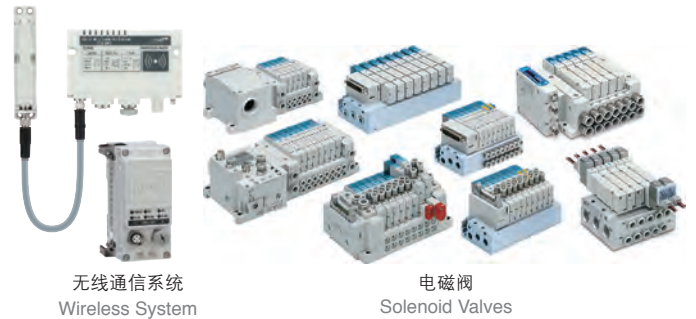
用于监测诸如空气或水等的各种流体, 以控制压力和流量。
Switches that monitor various fluids, such as air or water, to control pressure and/or flow rates



方向控制元件 Directional Control Valves

通过切换压缩空气的流动方向控制气缸和其他执行元件。

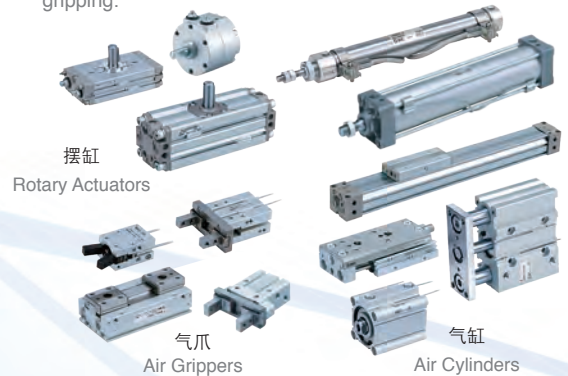
Components which control air cylinders and other actuators by switching the flow direction of compressed air.



执行元件 Actuators

利用由方向控制元件切换来的压缩空气, 产生气缸、摆缸和气爪的力。

Components which use the compressed air switched by directional control valves to create force for linear action, rotary action, or gripping.

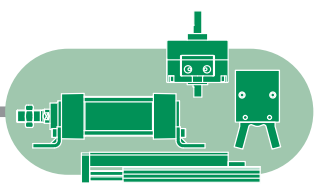


除静电元件 Static Neutralization Equipment

可防止元件损坏以及因静电作用产生的异物吸附。

Static neutralization equipment that prevents product damage and the adhesion of foreign matter due to static electricity





12,000种基本型元件

There are 12,000 standard components

多达700,000个规格，以适应各类应用。

with 700,000 specifications for various kinds of applications.

电动执行器 Electric Actuators

利用各种各样的控制器和电机，来实现高精度的多点定位和无振动搬送。

Electric components which make use of a variety of controllers and electric motors to provide highly accurate multi-point positioning and shockless transport



电动执行器
Electric Actuators

控制器 / 驱动器
Controllers/Drivers

协作机器人专用夹爪 Grippers for Collaborative Robots

安装在机器人前端，用于吸附·夹持工件的元件。

Workpiece adsorption and gripping devices for mounting on robots



标准型
Standard Type

标准型
Standard Type

真空吸附单元
Vacuum Grippers

3爪型
3-Finger Type

长行程型
Long Stroke Type

磁力吸盘
Magnet Grippers

流体阀 Process Valves

可以切换诸如空气、中真空、水、油、蒸汽等各种各样流体的流动。

Process valves that can switch the flow of various fluids such as air, medium vacuum, water, oil, steam, etc.



2通阀
2-Port Valves

高真空元件 High Vacuum Equipment

用于半导体生产设备。

High vacuum valves that are used for semiconductor manufacturing equipment



高真空角阀
High Vacuum Angle Valves

门阀
Slit Valves

真空元件 Vacuum Equipment

通过供给压缩空气产生真空状态，用于工件吸附和搬运应用。

Vacuum equipment that generates a vacuum state by supplying compressed air for workpiece adsorption and transfer applications



真空发生器
Vacuum Ejectors

伯努利型吸盘
Bernoulli Grippers

真空吸盘
Vacuum Pads

温控器 Temperature Control Equipment

可提供精密的温度控制，例如：应用冷冻技术的温控器、应用热电设备技术的珀耳帖式温控器等。

Components which provide precise temperature control such as thermo chillers with refrigeration technology and thermo controllers with thermoelectric device technology



珀耳帖式温控器
Thermo Controllers

温控器
Thermo Chillers

化学液用阀 Chemical Liquid Valves

适用于半导体设备和医疗设备中，诸如酸碱性液体和超纯水等化学液体。

Components which are compatible with chemical liquids, such as acid, alkali, and super-pure water, used in semiconductor and medical devices



化学液用阀
Chemical Liquid Valves

工艺气体用元件 Process Gas Equipment

适合半导体产业等要求供给高纯度气体的产业。

For UHP gas delivery in semiconductor and other clean industries.



减压阀(压力调整元件)
Regulators
(Pressure Adjustment Equipment)

隔膜阀
Diaphragm Valves for
Ultra High Purity

行业应用

Applications in different industries

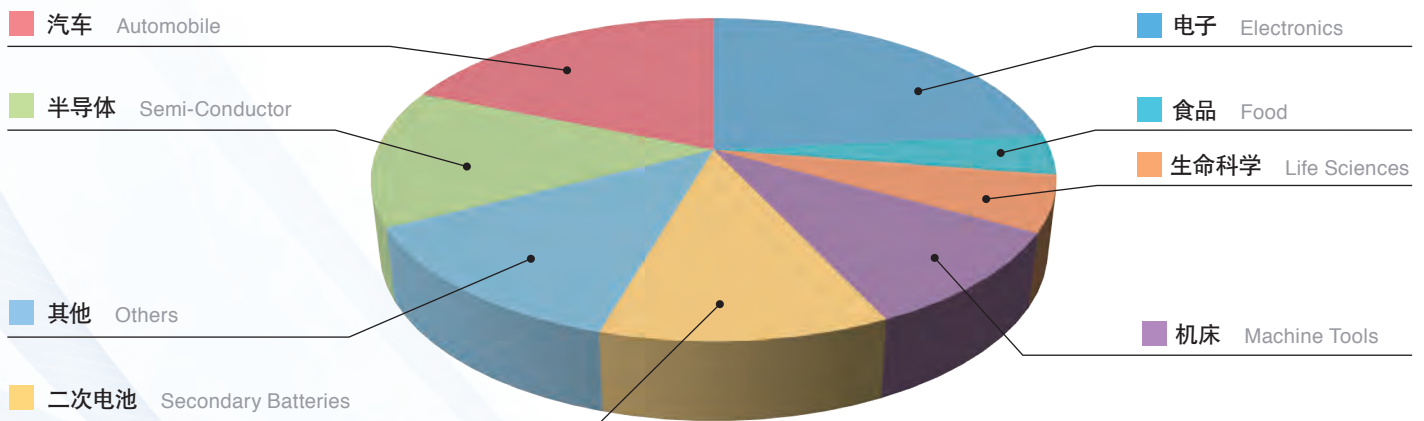
通过气动控制实现工业自动化！气动技术在工业自动化和智能制造发展中大显身手。

Industrial automation will be realized by pneumatic control. Pneumatic technology plays a significant role in the industrial automation and intelligent manufacturing development.

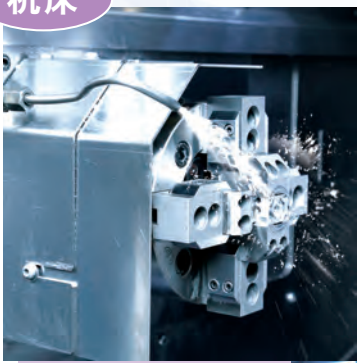
SMC的“气动控制技术”正广泛应用于汽车、半导体、电子、机床、食品、包装、印刷、医疗、制药、纺织等基础工业领域中。通过气动技术与尖端技术的融合，即使是在新一代信息技术、机器人、航空航天、新能源、智能制造等最尖端的产业中，气动技术也有着无限发展的可能。在半导体工程、液晶制造、生物医药、医疗器械等高新技术领域，SMC的产品大显身手，气动技术正在不断扩大新的应用领域。

Pneumatic control technology of SMC has been broadly applied in fundamental industries, including Automobile, Semi-conductor, Electronics, Machine tools, Food, Packaging, Printing, Medical, Pharmaceutical, Textile, etc. Pneumatic control technology is so promising in combining with cutting-edge technology even in frontier industries such as new generation IT, Robot, Aeronautics & Astronautics, New energy & Intelligent Manufacturing. SMC products have been ubiquitously used in high-tech fields, including Semiconductor Engineering, Liquid Crystal Manufacturing, Biological medicine, Medical apparatus, Instruments and so on. Meanwhile, pneumatic technology is continually searched to extend to broader areas.

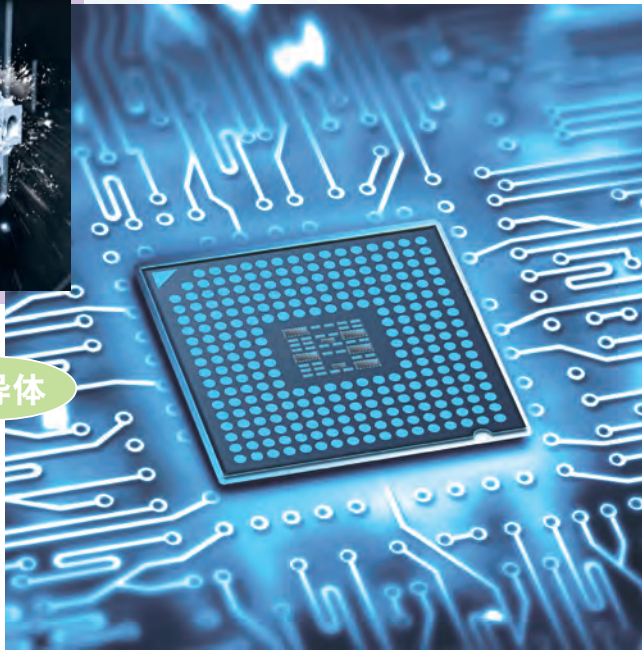
气动元件在各行业的应用 Applications of pneumatic equipment in different industries



机床



半导体



农业



医疗·护理





SMC在日本、中国、美国、欧洲、德国的技术中心拥有近1,700名技术专家级和开发工程师，可以对客户的需求做出迅捷、高效的响应。

SMC的产品不局限于传统的气动/电动控制领域，还积极深入世界前沿气动/电动技术领域的探索、应用与推广，如：半导体制造行业的非接触式吸盘、汽车制造行业的伺服气缸等。

从量产的“标准品”到全面的“定制开发品”，再到一站式系统解决方案，我们有能力应对最具挑战的应用需求。因此，我们坚定地致力于开发新产品，以满足我们全球客户的需求。

With nearly 1,700 technical experts and development engineers in our technical centers in Japan, China, U.S., Europe, Germany, we can respond quickly and efficiently to our customers' needs.

Our products are not only used in conventional fields of pneumatic and electrical control, but are also applied to explore, apply and promote cutting-edge areas worldwide. The examples are on non-contact grippers for semi-conductor industry, servo cylinders for automobile manufacture industry and so on.

From standard products of mass production and all kinds of made-to-order products to "All in one shop" solution, we are capable to meet every challengeable requirement. Therefore, we are firmly committed to developing new products to satisfy customers' needs all over the world.



■ 轮胎搬运机器人
Tire Transfer Robot



■ 汽车喷涂机器人
Automobile Spraying Robot



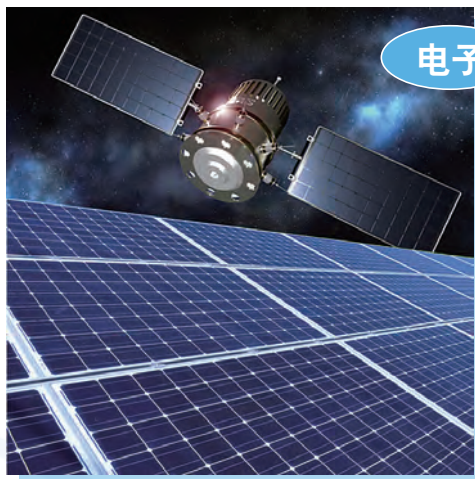
■ 镀膜处理/显影剂
Coater/Developer



■ 电子零件封装设备
Electronic Parts Mounting Equipment



■ MRI磁共振成像
MRI(magnetic resonance imaging)



电子



汽车



食品

全球技术中心

Global Technical Center

SMC全球工程网络:以日本、中国、美国、欧洲的技术中心为主

SMC's global engineering network: Featuring technical centers in the Japan, China, U.S., Europe.

- 构建全球技术网络
技术部门全球备份系统
 - 业务系统备份
 - JTC(筑波技术中心)功能备份
- Global Engineering Network Established.
Technical division global backup system.
 - Backup of business systems.
 - JTC (Japan Technical Center) function backup



China Technical Center (China)



中国技术中心(北京)重视产品研发与技术服务,约178名工程技术人员能够快速对应中国市场各领域的需求及不同客户的要求。

The CTC strengthens product development and technical services. About 178 employees can quickly respond to diverse needs and requirements in Chinese market.



ETC 欧洲技术中心(英国)

European Technical Centre (U.K.)



英国总部设在米尔顿凯恩斯,为欧洲市场提供支持。通过广泛的试验和开发程序,从概念到制造,为客户提供高质量的解决方案。另外,提供产品的风险控制的支持或培训,并提供符合欧洲标准·指令的产品。

The SMC UK Central Office in Milton Keynes provides support to the European market. Through SMC's far-reaching testing and development program, the provision of high-quality solutions—from concept to production—is possible. In addition, SMC offers products in compliance with European standards and directives as well as support and training in order to realize full product compliance.



CTC
178名

JTC
筑波技术中心
(日本)
1,230名

UTC
150名

JTC 筑波技术中心(日本)
Japan Technical Center (Japan)



筑波技术中心已经扩建成一个新的双塔式建筑，在那里，为快速准确的满足市场需求，备有多种设备。电子控制技术的研究和面向半导体领域的产品开发等，经常以最尖端（技术/产品）作为目标的SMC研发部门。在支持产品开发的设施中，还配备了与客户共同研究的实验设备。

The JTC has expanded to a new twin-tower building where our numerous facilities allow us to respond appropriately to market needs in a timely manner. By researching electronic control technologies and developing products for fields such as the semiconductor industry, SMC's research and development division is always ready to adapt products to the changing times. Thanks to our product development facilities, we are also able to provide our customers with an extensive variety of experimental equipment for cooperative research.

GTC 德国技术中心
German Technical Centre



作为欧洲产业中心地的德国，在把握技术趋势的同时，与客户的设计部门直接交流支持产品规格、用途等。根据客户各自的要求，开发定制产品和单元产品，提供解决方案，支援项目管理等。

While keeping up with technological trends in Germany, the center of the European industry, SMC is able to support each customer's unique designing and manufacturing needs via direct communication. This includes individualized support such as the development of made-to-order and unitized products, the proposal of solutions, and project management.

UTC 美国技术中心
US Technical Center



通过基础的产品数据管理，在半导体制造装置、食品·包装机械、医疗器械、大型车辆和汽车制造以及机械制造商等各行各业提供支持。活动范围以提供本公司标准品为始，还涉及到非标品的设计，试验等。

Through fundamental product data management, the UTC is able to offer support to each industry including those dealing with semiconductor manufacturing equipment, food and packaging machines, medical equipment, large vehicle and automobile manufacturing, as well as machinery manufacturing. The range of activities includes everything from basic product support for our standard products to the designing of made-to-order products and testing.

技术 开发

中国技术中心

China Technical Center



CTC办公场景 CTC office area

- 前沿气动技术的开发与研究
 - 产品性能研究
 - 非标品的设计与制造
 - 系统开发与设计
 - 高级专业技术人员的培养
 - 产品3D建模及应用软件开发
 - 先进的气动检测技术与实验研究
- Research & Development of advanced pneumatic technology
 - Research on product function
 - Design & Production of non-standard products
 - Development & Design of system
 - Cultivation of senior engineers
 - 3D CAD modeling of product and the development of application software
 - Advanced pneumatic detection technology and experimental research



非标品设计 Design of non-standard products



通信报文解析 Analysis of communication messages



产品检测 Products test



快速瞬变脉冲群抗干扰实验 Anti-interference test of fast transient pulse group



基板部件检测 Test of circuit board



嵌入式软件功能检测 Function test of embedded soft

中国合格评定国家认可委员会 实验室认可证书

(注册号: CNAS L18220)

兹证明:

SMC (中国) 有限公司技术中心实验室
(法人: SMC (中国) 有限公司)

北京市经济技术开发区兴盛街甲2号, 100176

符合 ISO/IEC 17025: 2017《检测和校准实验室能力的通用要求》
(CNAS-CL01《检测和校准实验室能力认可准则》)的要求, 具备承担本
证书附件所列服务能力, 予以认可。

获认可的能力范围见标有相同认可注册号的证书附件, 证书附件是
本证书组成部分。

生效日期: 2023-05-04
截止日期: 2029-05-03

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实验室认可证书
Laboratory accreditation certificate

Technical Development

产·学·研

Industry · University · Research

SMC 中国目前已与中国 14 所知名大学开展合作，并且在哈尔滨工业大学、北京理工大学、清华大学、南京理工大学、上海交通大学设有气动技术中心。SMC 中国以“产·学·研”的理念为基础，为气动技术的革新而不断努力。

Presently, SMC China has cooperated with 14 well-known universities in China. And we have also set up several pneumatics technical centers in Harbin Institute of Technology, Beijing Institute of Technology, Tsinghua University, Nanjing University of Science and Technology, Shanghai Jiao Tong University. Based on the principle of "Industry-University-Research", we have strived to make innovation for pneumatic technology.



SMC 哈尔滨工业大学气动技术中心

SMC Pneumatic technical center
in Harbin Institute of Technology

地址：哈尔滨市南岗区西大直街92号哈工大
教授/副教授：5人（其中，博士生导师2人）
博士生：9人
硕士生：14人

Address: No.92,Xi Dazhi Street,Nangang District,Harbin City
Professor/Deputy Professor: 5(including 2 doctoral supervisors)
Ph.D. students: 9
Master student: 14



SMC 北京理工大学气动技术中心

SMC Pneumatic technical center in Beijing
Institute of Technology

地址：北京市海淀区中关村南大街5号
教授/副教授：4人
硕士生：14人

Address: No.5.South Street,Zhongguancun,
Haidian District,Beijing
Professor/Deputy professor: 4
Graduate students: 14



SMC 清华大学气动技术中心

SMC Pneumatic technical center in Tsinghua University.

地址：北京清华大学工程力学系
教授/副教授：4人（其中，博士生导师3人）
博士生：10人
硕士生：4人

Address: Department of Engineering Mechanics,
Tsinghua University, Beijing
Professor/Deputy Professor: 4(including 3 doctoral supervisors)
Ph.D. students: 10
Graduate students: 4



SMC 南京理工大学气动技术中心

SMC Pneumatic technical center in Nanjing
Institute of Technology

地址：南京市孝陵卫200号南京理工大学主楼229室
教授/副教授：5人（其中，博士生导师1人）
博士生：7人
硕士生：23人

Address: Room 229.Main building,Nanjing Institute of Technology,
NO.200,Xiao Lingwei,Nanjing City
Professor/Deputy professor: 5(including a doctoral supervisor)
Ph.D. students: 7
Graduate students: 23



SMC 上海交通大学气动技术中心

SMC Pneumatic technical center in Shanghai Jiaotong University

地址：上海市华山路1954号
教授/副教授：4人（其中，博士生导师1人）
博士生：3人
硕士生：4人

Address: NO.1954, Huashan Road, Shanghai
Professor/Deputy professor: 4(including a doctoral supervisor)
Ph.D. students: 3
Graduate students: 4

与SMC合作研究的其它大学：

SMC associates with universities

西安交通大学

Xi'an Jiaotong University

大连海事大学

Dalian Maritime University

武汉理工大学

Wuhan University of Technology

合肥工业大学

Hefei University of Technology

成都电子科技大学

University of Electronic Science and Technology of China

北京航空航天大学

Beihang University

天津大学

Tianjin University

华南理工大学

South China University of Technology

燕山大学

Yanshan University



SMC清华大学气动技术中心20周年纪念会
暨SMC中国大学技术中心学术交流会（2013年9月28日）

20th Anniversary of SMC Technical Center in Tsinghua University & Academic Exchange among
SMC Technical Centers in China (September 28th, 2013)



CHINA SAE 中国汽车工程学会
China Society of Automotive Engineers

SMC赞助北京理工大学赛车队，在中国大学生方程式系列赛事中
已获得7个总冠军。（2022年）

SMC sponsored the the racing team of Beijing Institute of Technology, which has won
seven overall championships already in the Formula Student China. (2022)

生产基地

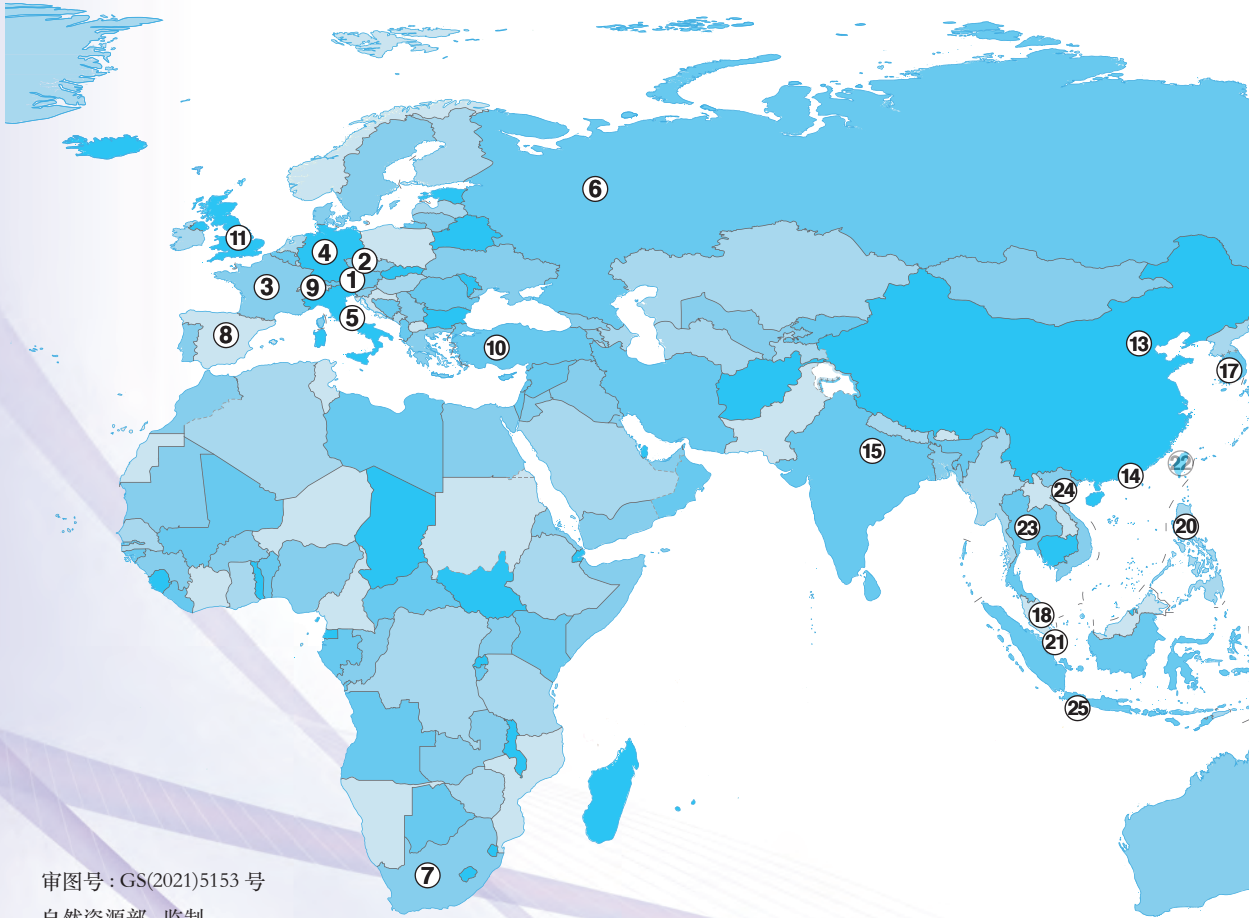
Production Base

通过全球化的生产体系，向全世界稳定供给产品！

A global production network supports a stable & continuous supply of high quality products throughout the world.

SMC通过位于日本草加、筑波、釜石、远野、矢祭、下妻等6大生产基地，以及中国等海外生产基地，向国际市场提供SMC产品。此外，为了快速满足当地市场的需求，灵活对应客户的不同要求，SMC在世界各地建立了海外现地工厂。

We delivers our products to the world market from 6 production bases in Japan, including Soka, Tsukuba, Kamaishi, Tohno, Ya-matsuri, Shimotsuma, as well as production bases in China and so on. Additionally, in order to respond quickly and increase flexibility to the demands of the local market, overseas production facilities have been established around the world.



审图号：GS(2021)5153号

自然资源部 监制



生产基地 Production Facilities

欧洲·非洲 (Europe and Africa)

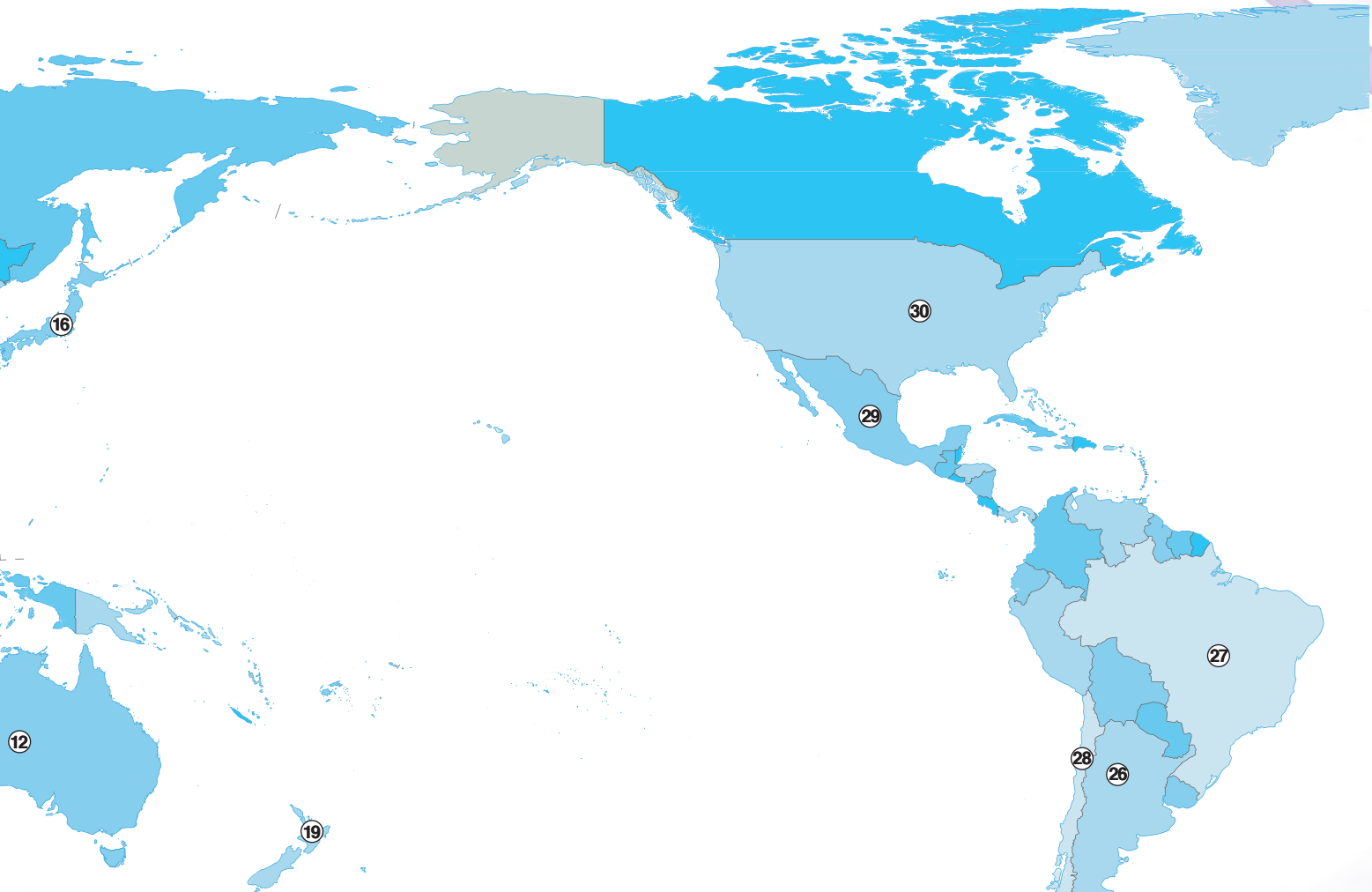
- ① 奥地利 Austria
- ② 捷克 Czech Republic
- ③ 法国 France
- ④ 德国 Germany
- ⑤ 意大利 Italy
- ⑥ 俄罗斯 Russia
- ⑦ 南非 South Africa
- ⑧ 西班牙 Spain
- ⑨ 瑞士 Switzerland
- ⑩ 土耳其 Turkey
- ⑪ 英国 United Kingdom

亚洲·大洋洲 (Asia and Oceania)

- ⑫ 澳大利亚 Australia
- ⑬ 中国(北京·天津) China (Beijing · Tianjin)
- ⑭ 中国香港 China(Hong Kong)
- ⑮ 中国台湾 China(Taiwan)
- ⑯ 印度 India
- ⑰ 日本 Japan
- ⑱ 韩国 Korea
- ⑲ 马来西亚 Malaysia
- ⑳ 新西兰 New Zealand
- ㉑ 菲律宾 Philippines
- ㉒ 新加坡 Singapore
- ㉓ 泰国 Thailand
- ㉔ 越南 Vietnam
- ㉕ 印度尼西亚 Indonesia

北美·中南美 (Americas)

- ㉖ 阿根廷 Argentina
- ㉗ 巴西 Brazil
- ㉘ 智利 Chile
- ㉙ 墨西哥 Mexico
- ㉚ 美国 United States of America



生产体系

Production System



模具维保
Die Maintenance



机加工生产线
Machinery Line



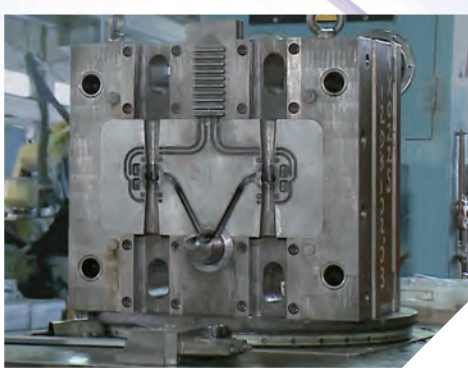
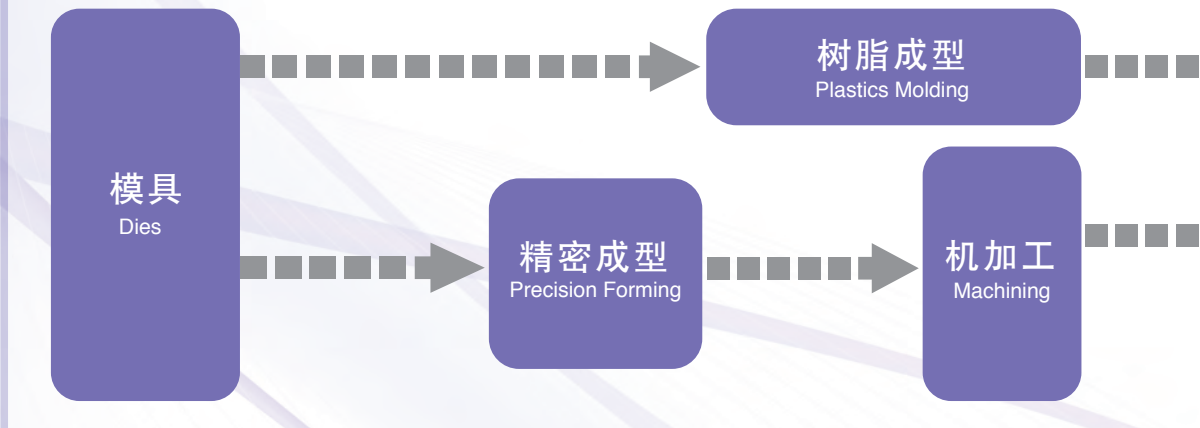
注塑成型生产线
Injection Molding Line



组装线
Assembling Line

Production and Supply

SMC全工艺生产系统 SMC's Integrated Production System



模具
Dies



树脂成型
Plastics Molding



自动组装
Automatic Assembly

通过全球化的生产·物流体系，向世界稳定

A global production and logistics network providing the world with a stable and continuous supply of high-quality products

量产工厂的全球布局，风险分散

Global scale of mass production factory for risk hedging

生产体系BCP

<产品供给体系>

- 1 通过全球化的物流·在库网点，维持产品供应
- 2 由灾区以外的各国工厂进行代生产
- 3 由合作企业提供生产支持
- 4 设备恢复：修理旧设备或采购新设备

<其它方案>

- 与地方自治团体建立救灾合作体制(日本)
筑波、釜石、远野、矢祭
- 远野供应商园区(预计25年夏季投入使用)
通过一体化的生产体系，实现产品的高品质和短交期化

Production system BCP

<Product supply system>

- 1 Maintaining supplies with a worldwide logistics and inventory network
- 2 Transferring production to factories outside the disaster
- 3 Backup production performed by cooperating companies
- 4 Equipment Recovery: Recovery possible with new equipment installations and repairs.

<Other initiatives>

- Disaster cooperation arrangement with local governments (domestic)
Tsukubamirai City, Kamaishi City, Tono City, Town of Yamatsuri
- Tono Supplier Park (Scheduled to start operation in summer 2025)
Integrated production system allowing for the timely supply of high-quality products through collaboration

筑波工厂

执行元件
气动辅助元件
电磁阀 / 管子
磁性开关



矢祭工厂

管接头
冷干机 / 温控器
气动辅助元件
执行元件



亚洲

新加坡工厂

管接头
冷干机



物流仓库的全球网络构建，风险分散

Global network construction of distribution warehouse for risk hedging

比利时 欧洲中央仓库



韩国中央

东日本 物流中心



德国仓库

中国物流中心 北京·上海·广州



※全球销售公司的库存产品也可支持BCP

※ BCP is supported with product inventory held at each of the global sales offices.

供给产品!



中国物流中心

China Logistics Center

目前，SMC分别在中国的北京、上海、广州、常州等地设有物流中心，备有多达64,000个规格的产品及零部件。充足的在库，可向大部分地区提供迅速、可靠的供应。

At present, there are four logistics centers in China's Beijing, Shanghai, Changzhou, Guangzhou, Hongkong and so on, with 64,000 kinds of specifications in inventory. And those products can be provided to broad areas rapidly and reliably.

- **短交货期的供应体制** (大规模生产基地+充足的在库)

Supply system of short delivery term
(Large-scale production base + sufficient inventory)

- **运输交货时间**

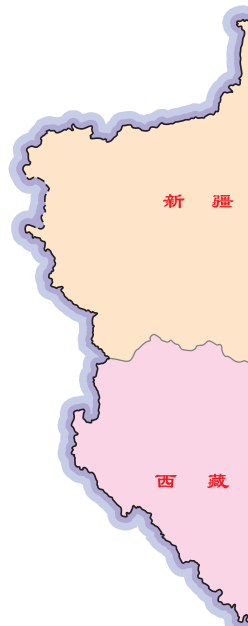
结合各国各地区的不同条件，极力满足客户的需求。

Transportation and Delivery time
Based on different conditions of various regions, we endeavor to meet our customers' demands.

- **现地对应率**

87% (项目)、短交货期: 1日~1周内

Local Response Rate:
85% (project), short delivery time: 1 day ~ 1 week





4大物流基地 在库产品丰富，可大范围、迅速供货。

4 Logistics bases

A wide range of products in stock can be delivered to extended areas.



国内配送交货期 (总公司: 北京)

Delivery term at home

- 陆运1~3天 
- 空运1~2天 
- 大至急当天~1天

日本配送交货期

Delivery term from Japan

- 空运约4天 
- 海运约18天 



质量 保证

遍及全球的高质量产品

Reliable products of high quality in the global market

质量管理体系 Quality Management System

ISO9001



环境管理体系 Environmental Management System

ISO14001



Quality Assurance

管理系统认证获取据点 (Technical Center and Factories with Certified Management Systems)

ISO9001

中国
(China)

北京工厂·天津工厂
Beijing Factory, Tianjin Factory

海外(量产工厂)
Overseas (Mass production factory)

日本(草加工厂·筑波工厂·下妻工厂·矢祭工厂·釜石工厂·远野工厂·筑波技术中心)·新加坡工厂·越南工厂·印度工厂·捷克工厂
Japan(Soka Factory, Tsukuba Factory, Shimotsuma Factory, Yamatsuri Factory, Kamaishi Factory, Tono Factory, Japan Technical Center), Singapore Factory, Vietnam Factory, India Factory, Czech Factory

IATF16949

海外(量产工厂)
Overseas (Mass production factory)

筑波技术中心·新加坡工厂
Japan Technical Center, Singapore Factory

ISO14001

中国
(China)

北京工厂
Beijing Factory

海外(量产工厂)
Overseas (Mass production factory)

日本(草加工厂·筑波工厂·东日本物流中心·筑波技术中心·釜石工厂·矢祭工厂·下妻工厂·远野工厂)·新加坡工厂·印度工厂·捷克工厂
Japan(Soka Factory, Tsukuba Factory, East Japan Logistics Center, Japan Technical Center, Kamaishi Factory, Yamatsuri Factory, Shimotsuma Factory, Tono Factory), Singapore Factory, India Factory, Czech Factory



制造部门的主要节能措施

The production department's main energy-saving measures

SMC的工厂环境和节能计划于1998年开始启动,当时,针对ISO 14001环境管理标准的引入而实施了系统活动。当时,主要活动集中在产品评估、节能、资源节约、减少化学品使用以及5S方法的实施上。从2005年开始,SMC的节能项目推广团队在公司层面率先开展节能活动。

2019年SMC(中国)有限公司荣获“国家级绿色工厂”荣誉称号!

2021年SMC(北京)制造有限公司荣获“国家级绿色工厂”荣誉称号!

SMC's factory environment and energy-saving initiatives date back to 1998, starting with the implementation of systematic activities in response to the introduction of the ISO 14001 environmental management standards. At the time, the main activities focused on product assessment, energy saving, resource saving, chemical use reduction, and the implementation of the 5S methodology. And from 2005, SMC's Energy Saving Program promotion team has taken the lead in developing energy-saving activities at the company level.

In 2019, SMC (China) Co., Ltd. was awarded the honorary title of "National Green Factory"!

In 2021, SMC (Beijing) Manufacturing Co., Ltd. was awarded the honorary title of "National Green Factory"!

SMC支持可持续发展目标(SDGs)。
SMC is a strong supporter of the Sustainable Development Goals (SDGs).



国际标准认证 International Standard Certification

欧洲(Europe)



CE标识
CE Marking



UKCA标识
UKCA Marking



欧洲F-Gas法规
EU F-Gas Regulation



ATEX指令
ATEX Directive



RoHS指令
RoHS Directive



TR/CU海关联盟认证
(俄罗斯·哈萨克斯坦·白俄罗斯·亚美尼亚·吉尔吉斯斯坦)
TR-CU Certificate
(Russia, Kazakhstan, Belarus, Armenia, Kyrgyz)

北美(North America)



UL/cUL标准
UL/cUL Standards



CRN(加拿大注册号码)
CRN (Canadian Registration Number)



FM标准
FM Standards



CSA标准
CSA Standards

亚洲(Asia)



中国强制性产品认证
(CCC)
China Compulsory
Certification System (CCC)



韩国电器和材料
安全认证
Korean Electrical Appliance and
Material Safety Certification

SMC支持服务体系

Support Program

SMC致力于通过提供最新技术和不断创新的解决方案来满足您的自动化需求。

By providing the latest technology, SMC continues to create solutions for your automation needs.

1 专职客户经理

DEDICATED CORPORATE ACCOUNT MANAGER

SMC集团级大客户经理作为您的单点联系窗口，将与贵司总部相关领导人、工程师及各工厂密切合作，创建、管理双方的合作目标，并确保目标得以实现。

An SMC Corporate Account Manager is assigned as your one-point person of contact. They work closely with your Corporate HQ Sponsors, Engineers, and all production facilities - to deliver, create, manage, and execute all collaborative program objectives.

2 世界各地现地对应

LOCAL FACTORY SUPPORT

在全球80多个国家和地区，超过6,000名SMC销售工程师，将为您所有的工厂提供支持。

SMC has over 6,000 local sales engineers in over 80 countries and regions to support all of your local production facilities.

3 工程设计支持

DESIGN ENGINEERING SUPPORT

为了全面支持贵司的技术人员，我们拥有1,700名专职的研发工程师，致力于研发新产品、提供解决方案。为满足您的设计标准和独特的应用，SMC有能力在现有技术和产品上实现快速定制。此外，SMC还提供大量软件，以供您在线选型和确定尺寸。

To fully support your Engineers SMC has 1,700 dedicated R&D Engineers that can develop new products or solutions. SMC can quickly customize or modify existing components to meet design standards or unique applications. And SMC offers the vast online model selection and sizing software as well as.



7 压缩空气节能评估

COMPRESSED AIR ENERGY SAVINGS ASSESSMENTS

针对公司级的战略客户，我们开发了一套完善的节能评估体系。我们的目标是找到创新解决方案，以减少工厂压缩空气的使用与浪费。

SMC has developed a Streamlined Energy Savings Assessment program for our Corporate Accounts. Our goal is to find innovative solutions to reduce waste and usage of compressed air in the factory environment.

8 设备分析评估

MACHINE ANALYSIS ASSESSMENTS

SMC通过对工厂的设备进行分析，以提高设备性能、识别浪费、减少废品率，提高产线效率。

SMC will perform plant level machine analysis to improve machine performance, identify waste, reduce scrap rate, and improve line efficiency.

9 库存评估

STOREROOM ASSESSMENTS

SMC通过对工厂的库存进行评估，以减少供应商基数、消除重复、实现元件标准化、识别关键备件，为客户提供成本节约方案。

SMC performs plant level storeroom assessments to reduce vendor base, eliminate duplication, standardize components, identify critical spares, and offer cost savings solutions.

4

工厂设备安全支持

MACHINE SAFETY
SUPPORT

为使贵司工厂安全等级达到Machinery Directives (机械指令)、ISO 13849-1或IEC 61508/62061安全标准的要求, SMC将与贵司工程技术人员和各工厂协作, 并为之提供设计支持。

SMC will work with your engineering staff and local facilities for design assistance related to plant safety upgrades to meet Machinery Directives, ISO 13849-1 or IEC 61508/62061.



5

对OEM设备支持

OEM MACHINE SUPPLIER
SUPPORT

SMC将对贵司OEM设备供应商使用的SMC产品进行整合, 并给予价格支持。协助提供创新的设计方案, 进行项目管理, 以确保新设备或产线按时交付及调试。

SMC will support your OEM machine suppliers with the integration of SMC specified components. SMC will provide pricing support, innovative design assistance, and SMC project management to ensure on-time delivery and commissioning of new machines or lines.



6

对新OEM设备 关键备件支持

CRITICAL SPARE PARTS FOR NEW
OEM MACHINES

SMC将与贵司引进新OEM设备的当地工厂协作, 确保所有关键备件在生产前均已就绪。

SMC will work with local factories receiving new OEM machines to ensure all critical spare parts are available and onsite prior to production.



10

高使用率备件分析

HIGH USAGE SPARE PARTS
ANALYSIS

我们从700,000多个规格的产品中为您推荐最合适的产品。通过设备设计分析和产品标准化, 帮助您削减库存。实行元件标准化和重要部件可识别化相结合, 从最大程度上减少工厂库存品类。

We propose the most optimal products for our customers from our range of over 700,000 products. By analyzing machine designs and unifying products, we are able to help customers reduce their inventories. Basically, the combination of standardizing equipment and making the parts of high importance identifiable makes it possible for customers to reduce the number of inventory items in their factories.

11

《改善活动报告》

IMPROVEMENT ACTIVITY
REPORTS

SMC通过《改善活动报告》(Improvement Activity Reports)记录贵司所有的改善成功案例。报告是单页形式的应用概述——重点介绍了运行改善、节能成果、成本节约详情以及工艺优化等方面。设计《改善活动报告》旨在与贵司的其他工厂共享, 以实现同样的改善。

SMC documents all Corporate Account application successes with Improvement Activity Reports (IAR's). These IAR's are one-page overviews of the application highlighting operational improvements, energy savings, cost savings details, or plant process improvements. These IAR's are designed to be shared with other facilities to duplicate activity.

12

线上·线下培训课程

ONSITE & ONLINE TRAINING
CLASSES

SMC将为贵司提供定制化的线上和线下培训课程——涵盖气动元件、电动执行器、节能方法、设备设计优化和TPM管理等各类主题。

SMC offers customized onsite and online training classes on a variety of subjects related to pneumatic components, electric actuators, energy savings, optimal machine design, and TPM methodologies.

技术培训

Technical Training

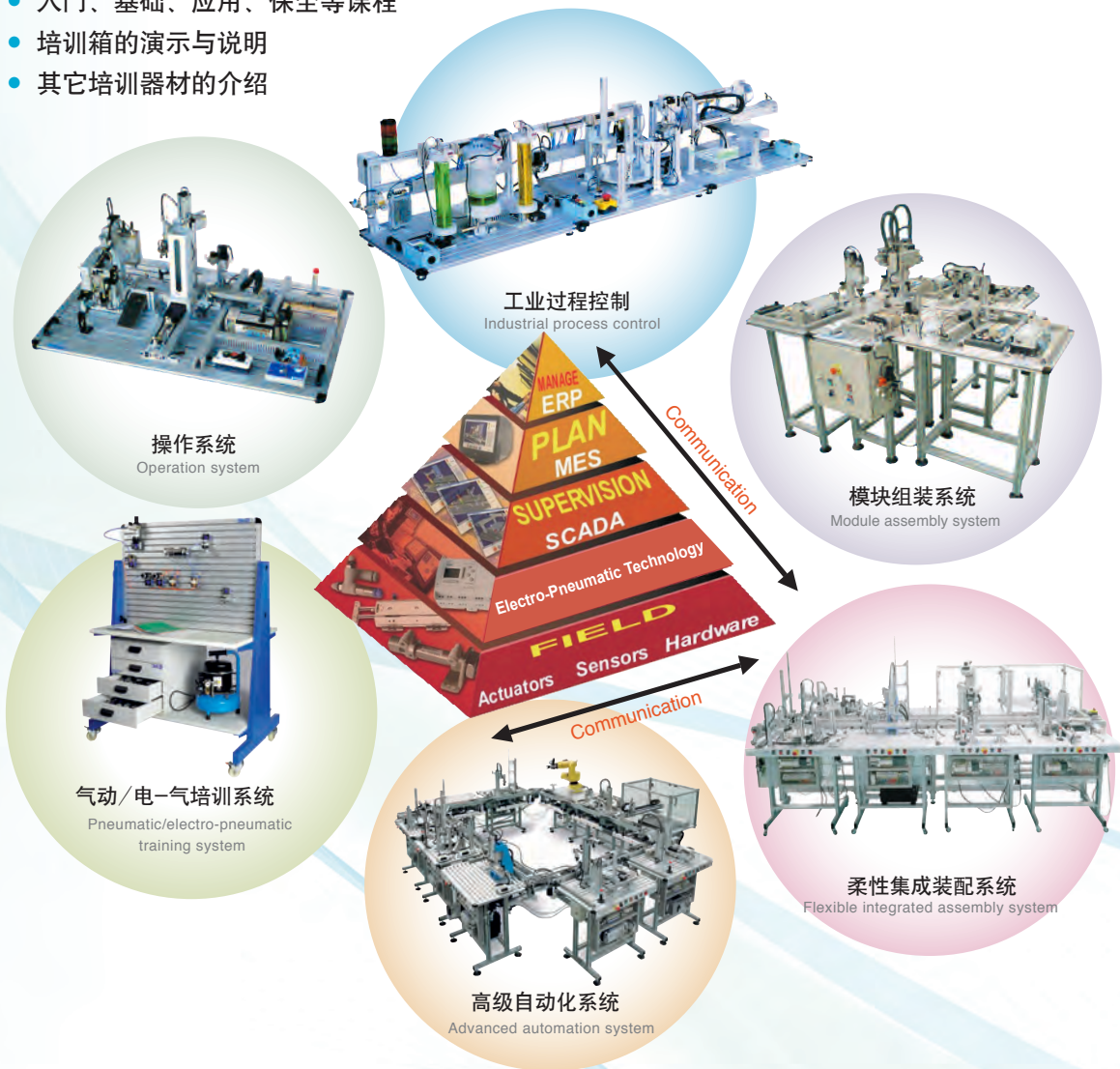
SMC技术培训项目是SMC的核心组成部分，为工业应用需求提供适当的培训是SMC一项明确的责任。为此，我们在工业与教育领域组建了具有丰富知识的团队，不断探索工业领域的培训需求，以便为每个客户提供定制化的解决方案。

The technical training program plays a significant role in SMC. And it is one of specific responsibilities to provide appropriate trainings for meeting industrial demands. Therefore, a knowledgeable team has been formed, with rich experience in both the industrial and educational sectors, continuously investigating the training demands of the industry in order to offer a specialized SOLUTION to each customer.



培训解决方案，以满足行业的需求 Training on solutions to meet industrial demands

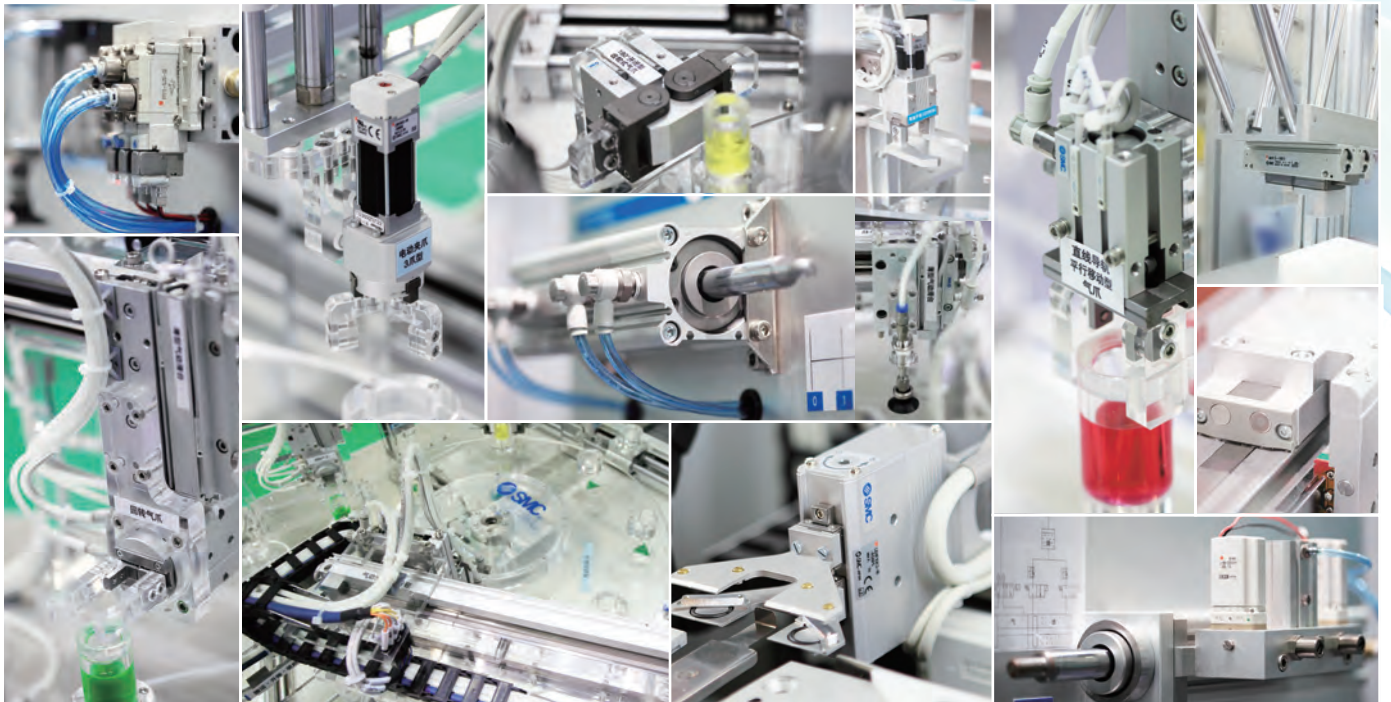
- 入门、基础、应用、保全等课程
- 培训箱的演示与说明
- 其它培训器材的介绍



产品解剖件 Products Cutaway



动态演示 Dynamic presentation



综合气动应用训练教程(PT) Pneumatic Technology Courses (PT)

- | | |
|------------|----------------------------------------|
| · 气源处理 | · Air Preparation |
| · 气动元件基本原理 | · Fundamentals of Pneumatic Equipments |
| · 气动符号 | · Pneumatic Symbols |
| · 基本气动回路设计 | · Basic Pneumatic Circuit Design |
| · 真空系统 | · Vacuum System |
| · 工厂节能系统 | · Factory Energy Saving System |
| · 线路接驳实习等 | · Wiring Operation |

电控产品技术训练课程(EPT) Electro-Pneumatic Technology Courses (EPT)

- | | |
|-------------|-------------------------------------------|
| · 电-气控制技术课程 | · Technology of Electro-pneumatic Control |
| · 传感器技术 | · Sensor Technology |
| · 步进、伺服马达控制 | · Step & Servo Motor Control |
| · 现场总线等 | · Fieldbus System |



选型软件 Model Selection Software



节能服务中心

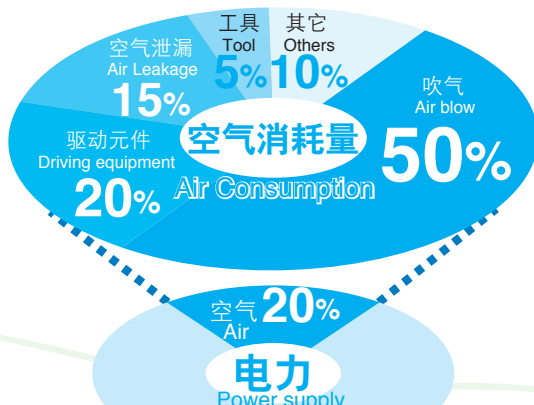
Energy Saving Services Center

帮助您 更全面、更高效的实现节能

2008年1月，SMC中国成立“气动节能服务中心”。该中心面向FA(工厂自动化)，致力于研究与推广气动节能技术，并面向中国企业推进、普及绿色工业自动化技术。洞悉客户需求，确保中心的研究和创新成果快速产业化，服务于市场，普及于市场，并推动气动系统现有布局合理化等技术变革。该中心现阶段正帮助国内企业用户进行能耗合理化诊断，并进而制定行之有效的节能措施，致力于削减全国气动系统每年高达5000亿度的耗电量。

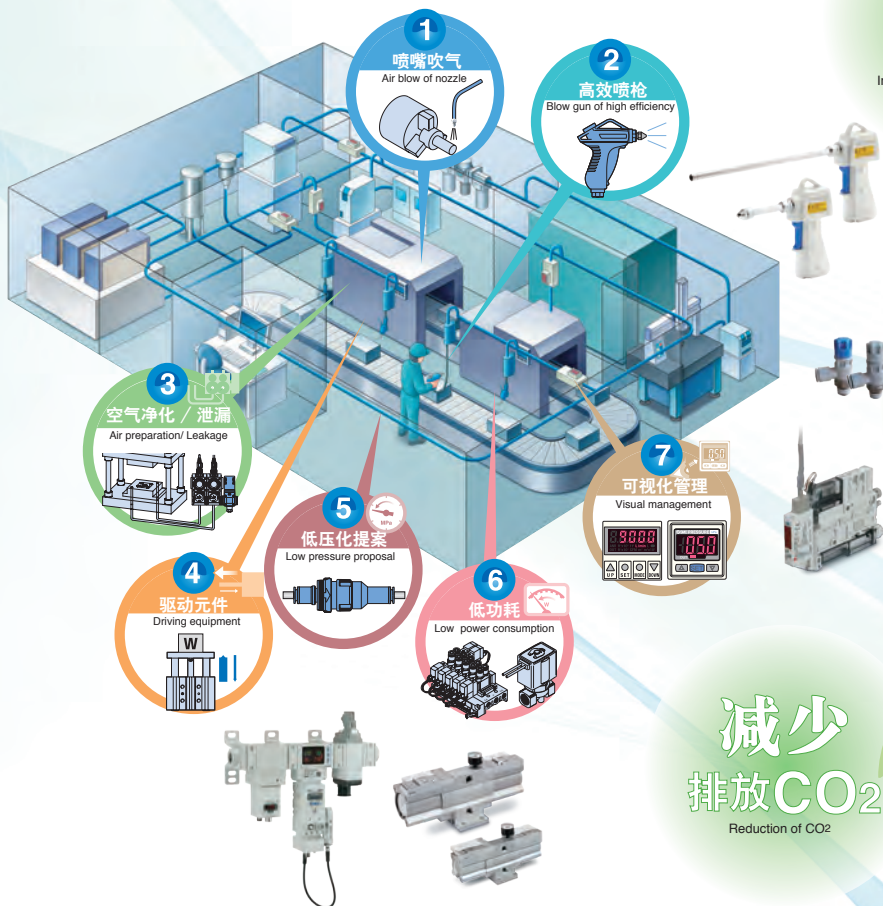
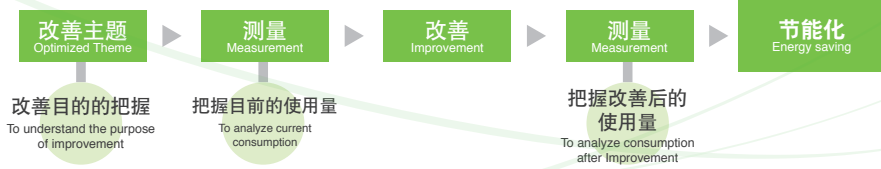
服务

- 节能培训 Energy Saving Training
- 节能检测 Energy Efficiency Inspection
- 节能方案 Energy Saving Solutions



工厂空气的消耗量
Air consumption in factory

节能的思路 How to save energy



落实
环保法规
Implementation of environmental laws & regulations

降低
运营成本
Reduction of running cost

减少
排放CO₂
Reduction of CO₂

削减
CO₂

温控服务中心

Chiller Services Center

为对应在 IC·FPD 的制造工艺里使用的 CHILLER 的维护为目的，在上海、北京、武汉以及深圳设立了专门的服务支持中心，有专职的技术人员进行 **7天 24小时** 的全天候服务对应。

To maintain the CHILLER used in the manufacturing process of IC·FPD, specialized maintenance centers have been set up in Shanghai, Beijing, Wuhan and Shenzhen, where the qualified technical engineers will provide 24-hour & 7-working day service.



售后服务 After-sale Service



全天候服务;
7-day & 24-hour service;



无偿试用;
Free Trial services;



技术支持;
Technical support;



定期点检;
Regular inspection;



备机服务;
Standby machine services;



充足备库;
Abundant local inventory;



专业维保;
Professional maintenance;



免费培训;
Free training;

北京· 温控中心



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上海· 温控中心



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- ✉ yangqi@smc.com.cn



通过广泛的营业网点和经验丰富的营业员实现一对一的沟通

One-to-one communication facilitated by a highly extensive network and an experienced sales support organization

SMC在许多地点设立了展厅等设施，以促进与客户的信息交流。通过各种讲习会、培训研讨会、展会和其他方式，SMC为客户提供信息和建议。为了与各地客户保持牢固、密切的联系，我们致力于开展高质量的市场推广活动，而不仅仅是销售产品那么简单。

SMC has set up showrooms and other facilities in many different locations to promote the exchange of information with customers. Information is offered and suggestions are made through various presentations, training seminars, exhibitions, and other means. In order to maintain strong, close relationships with people and geographic regions, we aim to engage in high-quality sales promotion activities that achieve more than just selling products.

多种形式 In a variety of different settings

展会 Exhibitions



工博会



二次电池展



交流会



客户个展

展厅 Showrooms

SMC在多地设置了展厅，以促进同客户的沟通交流。

SMC has set up showrooms in many locations to promote the exchange of information with customers.



北京展厅



上海展厅



广州展厅



SMC历史馆

市场推广工具 Sales Promotion Tools



在线产品目录

Online Best Pneumatics Catalog

公司官网(SMC website) <https://www.smc.com.cn>

提供最新信息，包括新产品信息。

For the latest information, including new product information.

2D/3D CAD: 减少设计工时 / 多种格式可用

2D/3D CAD: reduced design labor/ various formats available

选型软件: 可以为您自动筛选出最小、最合适的产品群来满足您的节能需要。

Model selection software: automatic selection of the smallest, most suitable product line to match your energy-saving needs



MINI展板 (Mini panels)

介绍新产品的实物。

To introduce new products by demonstrating the actual devices



工厂参观 (Factory tours)

近距离沟通，帮助提供先进的技术服务。

To encourage closer communication and to aid in the provision of advanced technical services



行业样本、课题样本 (Catalogs by industry or theme)

针对各行业和各课题，该目录提供最合适的产品。

Catalogs suggesting the most suitable products for each industry and different business conditions



官方微信 Official Wechat

中国营业服务体系

Sales & Communication Network in China



※以下信息截止2023年12月前。
详细信息请扫二维码。

为了能给用户提供更专业、高效的服务和技术支持，SMC自动化有限公司已根据市场发展的需要，陆续在全国主要城市建立近96个营业分支机构，从而密切与用户之间的联系，更好地支持各代理的工作。

96 sales offices have been established in major cities in China on the basis of market requirement, so as to directly supply professional and high efficient services and technical supports to customers, which enormously enhance the relationship with our customers and further support local distributors.

我们相信，通过SMC完善的营业服务体系，我们有能力为中国及世界各地的用户提供高质量的服务。

We believe that we are able to supply high-quality service to customers at home and abroad by the optimized service network.



北京分公司

北京市/Beijing

北京营业所 / Beijing Sales Office

电话: (010)67885566

[辖区: 大兴、通州、朝阳南、房山、石景山、门头沟、丰台、廊坊、固安、香河、三河(长安街以南)]

顺义营业所 / Shunyi Sales Office

电话: (010)81494949

[辖区: 顺义、怀柔、密云、平谷、昌平、燕郊、三河(长安街以北)、内蒙古]

海淀办事处 / Haidian Sales Office

电话: (010)84926065

[辖区: 海淀、朝阳北、东城、西城、昌平(北清路以南和西)、张家口]

天津市/Tianjin

天津营业所 / Tianjin Sales Office

电话: (022)58171596

[辖区: 西青、津南、滨海新区(大港)、静海、南开、河西、和平、北辰区]

天津市/Tianjin

塘沽营业所 / Tanggu Sales Office

电话: (022)84857456/57

[辖区: 滨海新区(塘沽+汉沽)、东丽、河东、北辰+河北+红桥+武清、宝坻、宁河、蓟县]

河北省/Hebei

石家庄营业所 / Shijiazhuang Sales Office

电话: (0311)67306362/63

秦皇岛营业所 / Qinhuangdao Sales Office

电话: (0335)8070993

保定办事处 / Baoding Sales Office

电话: (0312)3176075

营业 服务



河北省/Hebei

唐山办事处 /
Tangshan Sales Office
电话: (0315)3193114

廊坊办事处 /
Langfang Sales Office
电话: (0316)2087371

河南省/Henan

郑州营业所 /
Zhengzhou Sales Office
电话: (0371)55355773/75/76

洛阳办事处 /
Luoyang Sales Office
电话: (0371)55355776

富士康办事处 /
Foxconn Sales Office
电话: (0371)55187583

新乡办事处 /
Xinxiang Sales Office
电话: 18538567028

辽宁省/Liaoning

大连营业所 /
Dalian Sales Office
电话: (0411)87635616/17

沈阳营业所 /
Shenyang Sales Office
电话: (024)31652851/2

旅顺办事处 /
Lvshun Sales Office
电话: (0411)84629682/92

营口办事处 /
Yingkou Sales Office
电话: (0417)2890058

吉林省/Jilin

长春营业所 /
Changchun Sales Office
电话: (0431)85822693/94

黑龙江省/Heilongjiang

哈尔滨办事处 /
Harbin Sales Office
电话: (0431)85822693

甘肃省/Gansu

兰州办事处 /
Lanzhou Sales Office
电话: (0931)2359786
(辖区:含甘肃省、青海省、新疆维吾尔自治区)

宁夏回族自治区/Ningxia

银川营业所 /
Yinchuan Sales Office
电话: (0951)5671915

山西省/Shanxi

太原办事处 /
Taiyuan Sales Office
电话: (0351)6584672/261

陕西省/Shaanxi

西安营业所 /
Xi'an Sales Office
电话: (029)89305224/5334

宝鸡办事处 /
Baoji Sales Office
电话: 18518579538

重庆市/Chongqing

重庆营业所 /
Chongqing Sales Office
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内蒙古自治区/Inner Mongolia

包头办事处 /
Baotou Sales Office
电话: 18610109653

内蒙古办事处 /
Inner Mongolia Sales Office
电话: 18610109657

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山东省/Shandong

潍坊营业所 /
Weifang Sales Office
电话: (0536)2222761

青岛营业所 /
Qingdao Sales Office
电话: (0532)85758259/85900501

威海办事处 /
Weihai Sales Office
电话: (0631)5994316

聊城办事处 /
Liaocheng Sales Office
电话: (0635)2111382/383

淄博办事处 /
Zibo Sales Office
电话: (0533)2157215

黄岛办事处 /
Huangdao Sales Office
电话: (0532)86769845

烟台营业所 /
Yantai Sales Office
电话: (0535)6640972

日照办事处 /
Rizhao Sales Office
电话: (0536)2169922

胶州办事处 /
Jiaozhou Sales Office
电话: (0532)82200261

湖北省/Hubei

武汉营业所 /
Wuhan Sales Office
电话: (027)87791355

汉阳办事处 /
Hanyang Sales Office
电话: (027)85712702

襄阳办事处 /
Xiangyang Sales Office
电话: (0710)3312920

四川省/Sichuan

成都营业所 /
Chengdu Sales Office
电话: (028)84898174

成都北营业所 /
Chengdubei Sales Office
电话: (028)64331839
[辖区:含西藏自治区]

绵阳办事处 /
Mianyang Sales Office
电话: (0816)2235299

湖南省/Hunan

长沙营业所 /
Changsha Sales Office
电话: (0731)82912501

云南省/Yunnan

昆明驻在所 /
Kunming Sales Office
电话: (0871)65740830
[辖区:含贵州省]

江西省/Jiangxi

南昌营业所 /
Nanchang Sales Office
电话: (0791)88285661

上海分公司

上海市/Shanghai

西上海营业所 / XiShanghai Sales Office

电话: (021)37745478
[辖区: 松江区]

沪南营业所 / Hunan Sales Office

电话: (021)52237950/7867
[辖区: 闵行区、徐汇区、浦江镇]

浦西营业所 / Puxi Sales Office

电话: (021)52653001
[辖区: 杨浦区、嘉定区、普陀区、宝山区、长宁区、黄浦区、虹口区、闸北区、崇明区、静安区]

奉贤营业所 / Fengxian Sales Office

电话: (021)57131021
[辖区: 奉贤区、金山区]

青浦办事处 / Qingpu Sales Office

电话: (021)39801307
[辖区: 青浦区]

浦东营业所 / Pudong Sales Office

电话: (021)58998938/8854
[辖区: 浦东新区除南汇、浦江镇以外]

周浦营业所 / Zhoupu Sales Office

电话: (021)50881951/52/53
[辖区: 华夏高架路以南的浦东区域]

江苏省/Jiangsu

南京营业所 / Nanjing Sales Office

电话: (025)58061551/52

常州营业所 / Changzhou Sales Office

电话: (0519)85165672

无锡营业所 / Wuxi Sales Office

电话: (0510)82758550
[辖区: 惠山区、滨湖区]

苏州营业所 / Suzhou Sales Office

电话: (0512)68669591
[辖区: 姑苏区、高新区、相城区、吴中区友新高架桥以西区域]

常熟营业所 / Changshu Sales Office

电话: (0512)52887246

江阴办事处 / Jiangyin Sales Office

电话: (0510)86260625/35

吴江营业所 / Wujiang Sales Office

电话: (0512)63016881

盐城办事处 / Yancheng Sales Office

电话: (0515)88400363

金坛办事处 / Jintan Sales Office

电话: (0519)85165672

扬州营业所 / Yangzhou Sales Office

电话: (0514)87955172

南通营业所 / Nantong Sales Office

电话: (0513)85231515/1717

无锡东营业所 / Wuxidong Sales Office

电话: (0510)85280267
[辖区: 新吴区、锡山区]

苏州东营业所 / Suzhoudong Sales Office

电话: (0512)67639462/62998592
[辖区: 苏州工业园、吴中经济技术开发区部分区域、吴中区友新高架以东区域]

昆山营业所 / Kunshan Sales Office

电话: (0512)57372743

淮安办事处 / Huai'an Sales Office

电话: (0517)83738020
[辖区: 淮安、徐州、宿迁、连云港]

张家港办事处 / Zhangjiagang Sales Office

电话: (0512)58799631

太仓办事处 / Taicang Sales Office

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电话: (0571)86948130

绍兴营业所 / Shaoxing Sales Office

电话: (0575)88628728

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电话: (0573)82116716

温州营业所 / Wenzhou Sales Office

电话: (0577)88923800

台州营业所 / Taizhou Sales Office

电话: (0576)88893856/5676

萧山营业所 / Xiaoshan Sales Office

电话: (0571)83815660

湖州办事处 / Huzhou Sales Office

电话: (0572)2231108

宁波营业所 / Ningbo Sales Office

电话: (0574)87895211/87884030

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电话: (0574)63086878

瑞安办事处 / Ruian Sales Office

电话: (0577)65919711

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[辖区: 淮安、徐州、宿迁、连云港]

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电话: (0512)58799631

太仓办事处 / Taicang Sales Office

电话: (0512)53596636

安徽省/Anhui

合肥营业所 / Hefei Sales Office

电话: (0551)63663632

芜湖营业所 / Wuhu Sales Office

电话: (0553)5964656

广州分公司

广东省/Guangdong

广州营业所 / Guangzhou Sales Office

电话: (020)28397668

深圳东营业所 / Shenzhen East Sales Office

电话: (0755)33510838

长安营业所 / Changan Sales Office

电话: (0769)82283382

汕头办事处 / Shantou Sales Office

电话: (0754)88947870

番禺营业所 / Panyu Sales Office

电话: (020)31000186

深圳中营业所 / Shenzhen Middle Sales Office

电话: (0755)88991851

珠海营业所 / Zhuhai Sales Office

电话: (0756)8919640

惠州营业所 / Huizhou Sales Office

电话: (0752)2859550

花都办事处 / Huadu Sales Office

电话: (020)89680367

东莞营业所 / Dongguan Sales Office

电话: (0769)23135222

佛山营业所 / Foshan Sales Office

电话: (0757)86688310

深圳西营业所 / Shenzhen West Sales Office

电话: (0755)33012772

塘厦营业所 / Tangxia Sales Office

电话: (0769)82861268

中山营业所 / Zhongshan Sales Office

电话: (0760)88222620

福建省/Fujian

福州营业所 / Fuzhou Sales Office

电话: (0591)83205768

厦门营业所 / Xiamen Sales Office

电话: (0592)5507348

泉州办事处 / Quanzhou Sales Office

电话: (0595)88017070

广西壮族自治区/Guangxi

柳州办事处 / Liuzhou Sales Office

电话: (0772)2855073

公司历程

Corporate History

1959

在日本东京千代田区成立，成立之初，名为：烧结金属工业株式会社。公司经营目标：通过粉末冶金法生产及销售烧结金属过滤器。

Established in Chiyoda-ku, Tokyo, Japan under the name of Shoketsu Kinzoku Kogyo Co., Ltd. (Sintered Metal Corporation) with the business objective of the manufacture and sales of sintered metal filters by powder metallurgy.



青户工厂建成
Aoto Factory completed.

1961

开始生产和销售气动辅助元件(F.R.L.组合元件)
Started manufacture and sales of pneumatic air line equipment. (Air F.R.L. units)

1964

新增生产及销售自动控制元件。
Manufacture and sales of automatic control equipment added to business objectives.

1967

从事海外运营，全资成立SMC气动(澳大利亚)有限公司。于1980年全资控股。
Embarked on overseas operations with capital participation in SMC Pneumatics (Australia) Pty. Ltd. and incorporation into a wholly owned subsidiary in 1980.



1968

日本草加第一工厂建成
Soka 1st Factory completed.



1970

开始生产及销售执行元件(气缸)。
Started manufacture and sales of actuators (air cylinders).

1971

开始生产及销售方向控制元件(直动式电磁阀)。
Started manufacture and sales of directional control equipment (direct operated solenoid valves).

1973

日本草加第二工厂建成
Soka 2nd Factory completed.



日本越谷工厂建成
Koshigaya Factory completed.
日本栃木工厂建成
Tobu Factory completed.

1974

SMC新加坡公司成立
SMC Pneumatics (S.E.A.) Pte. Ltd., a wholly owned subsidiary established in Singapore.

1977

SMC美国公司成立
SMC Corporation of America (changed name from SMC Pneumatics, Inc. in 2001), a wholly owned subsidiary established in the U.S.A.



1978

总部迁至东京都港区
Moved Head Office to Minato-ku, Tokyo.

SMC英国公司成立
SMC Pneumatics (U.K.) Ltd., a wholly owned subsidiary established in the U.K.



SMC德国公司成立
SMC Pneumatik GmbH, a wholly owned subsidiary established in Germany.



日本物流中心建成
The Distribution Center completed.
日本草加第一工厂第二栋建成
Completed the 2nd building of the Soka 1st Factory.

1980

日本CS工厂建成
CS Factory completed.

1981

SMC意大利公司成立
Capital participation in SMC Italia S.p.A. in Italy and incorporation into a consolidated subsidiary.

1983

日本筑波工厂建成
Tsukuba Factory completed.



1984

日本松原工厂建成
Matsubara Factory completed.

1986

公司正式更名为SMC株式会社
Company name changed to SMC Corporation.



SMC(新加坡)制造有限公司成立
SMC Manufacturing (Singapore) Pte. Ltd., a wholly owned subsidiary established.



1987

在日本东京证券交易所市场第二部上市
Stocks listed on the second section of the Tokyo Stock Exchange.

1988

日本筑波第二工厂建成
Tsukuba 2nd Factory completed.



1989

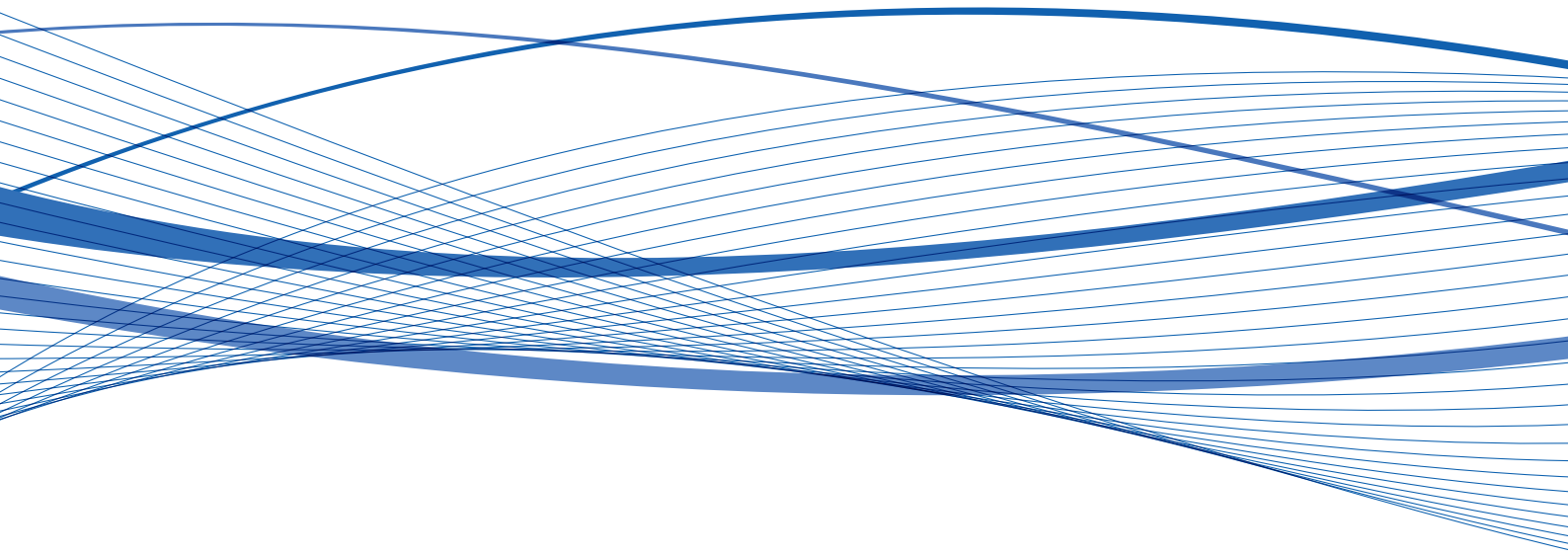
在日本东京证券交易所市场第一部上市
Stocks listed on the first section of the Tokyo Stock Exchange.

1959

1970

1980





SMC自动化有限公司

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