

Metron

SOCMA
华南重工

SOCMA POWER
LIFT YOUR BUSINESS



Metron

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About SOCMA

华南重工简介

福建华南重工机械制造有限公司成立于2010 年 3 月，总部位于福建泉州，是一家集物流搬运机械和电动工程机械研发、生产、销售、服务为一体的高新技术企业，福建省“专精特新”企业，专业设备出口行业龙头企业，产品范围包括：重型叉车、越野叉车、伸缩臂叉车、港机等物流搬运机械，电动叉车、电动挖掘机、电动装载机、电动伸缩臂、电动滑移等电动工程机械。

华南重工在业界以“高效客户响应，高质定制生产”享誉盛名，其产品除了满足国内市场，还远销欧洲、北美、南美、东南亚、中东、非洲等地区，广泛应用于港口、物流、矿山、仓储、农场等诸多领域，并以卓越的品质、良好的作业环境适应性、低使用维护成本等特点得到国内外用户的广泛好评与信赖。

“需求引领，创新驱动”是华南重工始终坚持的发展理念。以需求为引领，长久护航企业行稳致远；以创新为驱动，持续引领行业技术变革。公司通过与中科院海西研究院、福建（泉州）先进制造技术研究院、华侨大学、福建工程学院等高校及科研院所的“产学研”合作，攻取技术高地，保持产品领先性，致力成为国际领先的物流搬运机械和电动工程机械的领先者。

Founded in March 2010, Fujian SouthChina Heavy Machinery Manufacturing Co., Ltd., headquartered in Quanzhou, Fujian Province, is a high-tech enterprise integrating logistics handling machinery and electric construction machinery R&D, production, sales and service. It is a "special and excellent" enterprise in Fujian Province and a leading enterprise in the professional equipment export industry. The company's products include: heavy duty forklifts, off-road forklifts, telescopic forklifts, port machinery, electric forklifts, electric excavators, electric loaders, electric telescopic forklift, and electric skid loader.

SOCMA is well-known in the industry for its "quick customer response and high-quality customized production". Its products not only meet the domestic market, but also are exported to Europe, North America, South America, Southeast Asia, the Middle East and Africa. They are widely used in ports, logistics, mining, warehousing, agriculture and other fields, and have been praised and trusted by domestic and foreign users for their excellent quality, good adaptability to working environments and low operating and maintenance costs.

"Demand-led, innovation-driven" is the development philosophy that SOCMA has always adhered to. Guided by demand, the company will remain stable and long-term development; driven by innovation, the company will continue to lead the technological change of the industry. The company cooperates with the Chinese Academy of Sciences, Fujian Advanced Manufacturing Technology Research Institute, Huaqiao University and Fujian Engineering College to carry out "production and research" cooperation with universities and research institutes. Through these cooperations, the company has actively explored the application and upgrading of advanced technologies such as 5G unmanned driving, CVT continuously variable transmission, new energy, pure electric technology, electric control, hydraulic control, hydrodynamic transmission, planetary transmission, and structural lightweight. At the same time, the company also fully leverages its technical advantages and technical reserves in heavy duty forklifts, telescopic forklifts, electric construction machinery, excavators, and front loaders for many years, providing strong technical support for the company to open up domestic and overseas markets.

Corporate Culture
企业文化

使命
Mission:

为客户提供代表中国、世界领先的物流搬运机械、新能源工程机械产品和服务

To provide customers with leading logistics handling machinery and electric construction machinery products and services.

愿景
Vision:

让“SOCMA”成为广受尊敬的国际品牌

To make "SOCMA" a globally respected brand.

核心价值观
Core Values:

以客户为中心，以奋斗者为本，坚持自我批判与反省，华南重工将长期处于成长阶段

Customer-centric, people-oriented, self-critical and reflective, SOCMA will remain in the growth stage.





Research and Development

技术研发

华南重工汇集行业精英，拥有一支经验丰富的研发团队。团队运用 20 多年的技术积淀，引领着技术革新潮流，在研发方面取得了一系列的成果。公司现已取得“扒渣车、伸缩臂叉车、舟桥、电液混合驱动系统”等发明专利 5 项，实用新型专利 99 项，外观专利 7 项，科技成果转化率 100%。多年来，公司多项产品被政府列入科技计划重点项目，并荣获众多权威认证和行业荣誉。

为了进一步提升技术水平，公司与中科院海西研究院泉州装备制造研究中心、福建（泉州）先进制造技术研究院、华侨大学、福建工程学院等知名高校和科研院所展开了合作。通过这些合作积极探索了 5G 无人驾驶、CVT 无级变速器、新能源、纯电技术、电控液控、液力传动、行星传动、结构轻量化等先进技术的应用和升级。同时公司也充分发挥多年从事重型叉车、伸缩臂叉车、电动工程机械、扒渣车、正面吊等产品的技术优势技术储备优势，为公司开拓国内外市场提供了强大技术后盾。

SOCMA has a team of experienced engineers who have been in the industry for over 20 years. The team has been at the forefront of technological innovation, and has made a number of achievements in research and development. The company has obtained 5 invention patents, 99 utility model patents, and 7 design patents, with a technology transformation rate of 100%. Over the years, many of the company's products have been included in government science and technology projects, and have won numerous awards and honors.

In order to further enhance its technological capabilities, the company has collaborated with renowned universities and research institutes, including the Xiamen Equipment Manufacturing Research Center of the Chinese Academy of Sciences, the Fujian (Quanzhou) Advanced Manufacturing Technology Research Institute, Huaqiao University, and Fujian Engineering College. Through these collaborations, the company has actively explored the application and upgrading of advanced technologies such as 5G autonomous driving, CVT continuously variable transmission, new energy, pure electric technology, electric control, hydraulic control, planetary transmission, and structural lightweight. At the same time, the company has also fully leveraged its technical advantages and technical reserves in heavy forklifts, telescopic forklifts, electric construction machinery, excavators, and front loaders,furance tending vehicle, reach stacker to provide strong technical support for the company's expansion into domestic and overseas markets.





Production and Quality Control

生产品控

华南重工通过不断提升生产制造软硬件实力、完善检测手段确保了产品的品质。公司的全系列产品通过了权威机构产品型式试验。公司成立以来多项产品被政府列入科技计划重点项目，并且荣获“高新技术企业”称号展现了公司的技术实力和创新能力。

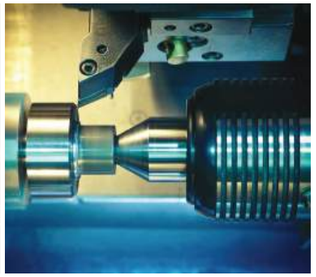
华南重工拥有先进的生产设备和设施，包括焊接机器人、数控切割机、数控机床、焊接变位机、全自动喷涂车间和型式试验场等。这些关键设备和设施提高了公司的生产能力，确保了产品的质量。

Through continuous improvement of its software and hardware production capabilities and perfecting inspection methods, SOCMA ensures product quality. The company's full range of products have passed product type testing by authoritative institutions. Since its establishment, many of the company's products have been included in government science and technology programs as key projects, and the company has been honored with the title of "High-tech Enterprise", demonstrating its technological strength and innovation capabilities.

SOCMA possesses advanced production equipment and facilities, including welding robots, CNC cutting machines, CNC machine tools, welding positioners, fully automatic spray workshops and prototype test sites. These key equipment and facilities improve the company's production capacity and ensure product quality.







Supply Chain

供应链

华南重工还与许多知名企业建立了互利双赢的配套合作关系。这些合作伙伴包括东风康明斯动力、潍柴动力、玉柴动力、宁德时代、杭齿、徐齿、卡斯卡特货叉、海宏液压、和中威轮胎等。通过与这些企业的合作，华南重工能够持续提供优质的产品。

SOCMA has established mutually beneficial cooperative partnerships with many well-known enterprises. These partners include Dongfeng Cummins, Weichai Power, Yuchai Power, Contemporary Amperex Technology, Hangya, Xuyi, Cascade, Haihong Hydraulics, China Rubber Tire and others. Through cooperation with these companies, SOCMA is able to continuously provide high-quality products.

AFTER-SALES SERVICE

售后服务







华南重工的售后服务一直以来备受用户赞誉。无论用户身处何地在，华南重工的售后服务团队都能够迅速响应并提供解决方案。这种快速响应不仅节省了用户的时间，更让用户感受到了华南重工对用户的关心和重视。除了快速响应外，华南重工还注重保障配件供应。华南重工在全国范围内，乃至海外建立了多个配件中心，以确保用户能够及时获取到所需的配件。

华南重工拥有一支专业的服务技师团队，他们经过系统的培训和专业的认证，具备丰富的售后服务经验。无论是解决机械故障还是提供技术培训，无论在国内还是在海外，华南重工的服务技师都能提供专业的服务。他们的专业素质和服务态度得到了用户的一致好评。

SOCMA's after-sales service has long been highly acclaimed by users. No matter where users are located, SOCMA' after-sales service team is able to respond swiftly and provide solutions. This rapid response not only saves users' time but also makes them feel cared for and valued by SOCMA. In addition to quick response times, SOCMA also emphasizes ensuring parts supply. SOCMA has established multiple parts centers nationally and even overseas, to guarantee users can obtain required parts in a timely manner.

SOCMA possesses a professional service technician team that has undergone systematic training and professional certification, equipping them with abundant after-sales service experience. Whether it's after-sales service or providing technical training, whether domestically or overseas, SOCMA' after-sales service team is able to respond promptly and provide solutions. Their professional competence and service attitude have received unanimous praise from users.





生产组装线 Production line

公司荣誉 Company Honors

2011

通过“ISO9001-2008 质量体系认证”

Passed the "ISO9001-2008 Quality Management System Certification".



2015

荣获国家高新技术企业

Three times awarded the "National High-tech Enterprise".



2016

公司被列入“福建省科技小巨人领军企业培育名单”，获评“泉州市工业叉车工程技术研究中心”

The company was listed in the "Fujian Province Science and Technology Small Giant Leading Enterprise Cultivation List" and awarded the "Quanzhou City Industrial Forklift Engineering Technology Research Center".



2018

获评“泉州市专家服务站”

Awarded the "Quanzhou City Expert Service Station".



2020

“重载工程机械高效电液驱动与能量回收系统研制与产业化”荣获福建省科技进步二等奖

"R&D and Industrialization of Efficient Electric Hydraulic Drive and Energy Recovery System for Heavy Engineering Machinery" won the Fujian Provincial Science and Technology Progress Award, Second Class.



2022

获评“泉州市新型研发机构”和福建省“专精特新”企业

Awarded the title of "Quanzhou City New Type R&D Institution" and "Fujian Province Specialized and Advanced Enterprise"



2011



获得国家质量监督检验检疫总局《特种设备制造许可证》

Obtained the "Special Equipment Manufacturing License" from the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China.

2013



获得“福建省科技型企业”荣誉称号，“HNF-300A 内燃平衡重式叉车”项目获得国家科技型中小企业技术创新基金项目

Awarded the "Fujian Province High-tech Enterprise" honorary title, and the "HNF-300A Internal Combustion Balance Type Forklift" project was included in the National Small and Medium-sized Technology Innovation Fund Project.

2015



HNF300A 叉车荣获泉州市科学技术进步奖。

HNF300A forklift won the Quanzhou Science and Technology Progress Award.

2017



“HNBZ8512 伸缩臂扒渣车”被评为福建省内首台重大技术装备

"HNBZ8512 Telescopic Arm Excavator" was rated as the first major technical equipment in Fujian Province.

2019

“HNTR4015 旋转型伸缩臂叉车”通过泉州市重点产业技术创新项目验收。

"HNTR4015 Rotary Telescopic Forklift" passed the inspection of the Quanzhou City Key Industry Technology Innovation Project.

2021



与华侨大学建立“新能源工程机械关键技术及系统研发与产业化研发中心”及“研究生工作站”

Established the "Key Technology and System R&D and Industrialization Research Center for New Energy Engineering Machinery" and the "Graduate Station" with Huaqiao University.

2023



“福建省科技小巨人领军企业”

Fujian Province Science and Technology Small Giant Leading Enterprise

CHRONICLE OF EVENTS
大事记

2010

华南重工注册成立

SOCMA registered and established



2011

Obtained the "Special Equipment Manufacturing License" from the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China

获得国家质量监督检验检疫总局《特种设备制造许可证》

2012

获得福建省出入境检验检疫局《出口产品质量许可证书》

Obtained the "Export Product Quality Certificate" from the Fujian Provincial Entry-Exit Inspection and Quarantine Bureau

2013

Signed CE certification with Bureau Veritas International Inspection Group

"HNF-300A internal combustion balance type forklift" project won the National Small and Medium-sized Technology Innovation Fund project

牵手法国必维国际检验集团签署 CE 认证。

“HNF-300A 内燃平衡重式叉车”项目获得国家科技型中小企业技术创新基金项目。

2014

通过并购重组，引进伸缩臂叉车产品线，进一步扩展公司产品范围

Through merger and reorganization, the telescopic forklift product line was introduced to further expand the company's product range

2015



Cooperated with Fujian Engineering College to carry out research and development of the "Liquid Hydraulic Excavator Energy-saving System" project

Co-developed the "New 25-ton Internal Combustion Balance Type Forklift Design and Manufacturing" project with the Fujian Institute of Ocean Engineering of the Chinese Academy of Sciences

与福建工程学院合作开展“液压挖掘机节能系统研发及产业化”项目研发。

与中科院海西研究所泉州装备制造研究院共同研究开发“新型 25 吨内燃平衡重式叉车设计与制造”项目

2016

盛装参加第八届上海 bauma 宝马展。

华南重工被列入“福建省科技小巨人领军企业培育名单”

Attended the 8th Shanghai Bauma Exhibition

SOCMA was listed as a "Fujian Province Science and Technology Small Giant Leading Enterprise Cultivation List"



2017



Formally signed the pure electric project with the Huaqiao University Mechanical Engineering College

“HNBZ8512 伸缩臂扒渣车”被评为福建省内首台（套）重大技术装备。

2018

与华侨大学机电学院正式签约纯电项目，双方合作共建“新能源工程机械联合实验室”。

入选 2018 年度泉州市“产业龙头企业”名单。

Formally signed the pure electric project with the Huaqiao University Mechanical Engineering College, and the two sides cooperated to build the "New Energy Engineering Machinery Joint Laboratory"

Selected as the "2018 Quanzhou City Leading Enterprise"

2019



Participated in the BICES 2019 with 5 new energy engineering machinery products, and signed a strategic cooperation agreement with CRRC Nantong Electric Co., Ltd. during the exhibition

The company moved to a new production base, and the manufacturing capabilities were further enhanced with the support of modern factory facilities

华南重工携 5 款新能源工程机械参加 BICES 2019，期间与宁德时代签订战略合作协议。

华南重工整体搬迁至新生产基地，依托现代化的厂房设备，制造实力进一步提升

2020

华南重工携 6 款新能源工程机械参加 Bauma 2020.

电动工程机械产品全面推向市场。

HNF500（50 吨）重型内燃叉车顺利完成福建特检院形式试验。

The project of "Heavy-duty Engineering Machinery Efficient Electro-hydraulic Drive and Energy Recovery System R&D and Industrialization" won the Fujian



2021

Established the "Key Technology and System R&D and Industrialization Research Center for New Energy Engineering Machinery" and the "Graduate Station" with Huaqiao University.

与华侨大学“纯电驱动工程机械的研发与产业化”签约仪式在福州隆重举行。

2022

获评“泉州市新型研发机构”和福建省“专精特新”企业。

Awarded the title of "Quanzhou City New Type R&D Institution" and "Fujian Province Specialized and Advanced Enterprise".

2023



Made a splash at BICES2023, achieving a double harvest of brand promotion and product orders.

华南重工精彩亮相 BICES2023，取得品牌提升和产品订单双丰收。

SELLING NETWORK
销往全球



















Global Vision

国际化视野

华南重工从成立初期开始就着眼海外市场，胸怀国际视野。公司拥有国际化供应链，包括发动机、桥、变速箱在内的核心零部件实现全球采购。同时企业还建立起了覆盖全球的营销网络。公司在将全球拥有超过 30 家经销商，将产品行销到 40 几个国家。公司还是几大行业知名厂家的贴牌生产供应商，通过这些 OEM 合作厂家让更多的 SOCMA 产品触达全球用户。

Since its early establishment, SOCMA has focused on overseas markets with a global vision. The company possesses an international supply chain, sourcing core components including engines, axles, and transmissions globally. At the same time, the company has also built a worldwide marketing network. SOCMA now has over 30 dealers worldwide, marketing its products to over 40 countries. The company is also an OEM manufacturer and supplier for several major industry brands, enabling more SOCMA products to reach users worldwide through these OEM partnerships.

重型叉车 / HEAVY-DUTY FORKLIFTS

A 12 吨 -16 吨

规格、 型号 model	HNF-120/135/150S/160S	载荷中心距 Load center	600mm
额定载荷 Rated load	12000kg/13500kg/15000kg/16000kg	动力形式 Driving Mode	柴油 Diesel





B 15 吨 -18 吨

规格、 型号 model	HNF-150/160/180
额定载荷 Rated load	15000kg/16000kg/18000kg
载荷中心距 Load center	900mm
动力形式 Driving Mode	柴油 Diesel





C 20 吨 -25 吨

规格、 型号 model	HNF-200/220/250
额定载荷 Rated load	20000kg/22000kg/25000kg
载荷中心距 Load center	1250mm
动力形式 Driving Mode	柴油 Diesel



D 28 吨 -32 吨

规格、 型号 model	HNF-280/300/320	载荷中心距 Load center	1250mm
额定载荷 Rated load	28000kg/30000kg/32000kg	动力形式 Driving Mode	柴油 Diesel





E 35 吨 -36 吨

规格、 型号 model	HNF-350/360	载荷中心距 Load center	1250mm
额定载荷 Rated load	35000kg/36000kg	动力形式 Driving Mode	柴油 Diesel





F 40 吨 -50 吨

规格、 型号 model	HNF-400/450/500	载荷中心距 Load center	1250mm
额定载荷 Rated load	40000kg/45000kg/50000kg	动力形式 Driving Mode	柴油 Diesel





伸缩臂叉车 / TELEHANDLER SERIES

A 2.5 吨 -3 吨 /4 米

规格、 型号 model	2HNT-M25/30
额定载荷 Rated load	2500kg/3000kg
载荷中心距 Load center	500mm 两节臂
动力形式 Driving Mode	柴油 Diesel
举升高度 Lifiting height	4000mm



B 3.5 吨 -4.5 吨 /7 米

规格、 型号 model	HNT3507-4Z/4007-4Z/4507-4Z
额定载荷 Rated load	3500kg/4000kg/4500kg
载荷中心距 Load center	500mm 两节臂
动力形式 Driving Mode	柴油 Diesel
举升高度 Lifiting height	7000mm



C 4 吨 /15 米旋转臂

规格、 型号 model	HNTR4015
额定载荷 Rated load	4000kg
载荷中心距 Load center	500mm 四节臂
动力形式 Driving Mode	柴油 Diesel
举升高度 Lifiting height	15000mm



D 4 吨 -7.5 吨 /17 米

规格、 型号 model	HNT4017-4Z/4517-4Z/HNT5017-4Z/7017-4Z
额定载荷 Rated load	4000kg/4500kg/5000kg/7000kg
载荷中心距 Load center	500mm 四节臂

动力装置 Power unit	柴油 Diesel
举升高度 Lifiting height	17000mm





E 11 吨 /10 米

规格、 型号 model	HNT5010-4Z/HNT5012-4Z/HNT7510-4Z
额定载荷 Rated load	5000kg/5000kg/7500kg
载荷中心距 Load center	500mm 两节臂 & 三节臂
动力形式 Driving Mode	柴油 Diesel
举升高度 Lifiting height	10000mm/12000mm/10000mm



F 16 吨 -32 吨 /6-11 米

规格、 型号 model	HNTC160/HNTC180/HNT250/HNT320
额定载荷 Rated load	16000kg/18000kg/25000kg/32000kg
载荷中心距 Load center	1200mm 两节臂 & 三节臂
动力形式 Driving Mode	柴油 Diesel
举升高度 Lifiting height	6000mm/6000mm/11400mm/6700m



堆高机 / 正面吊 REACH STACKER/EMPTY CONTAINER HANDLER

A 9 吨

车型 Model	SECH90/7&SECH90/8
发动机 Engine	Cummins QSB6.7
变速箱 Transmission	ZF/3WG211
驱动轴 Drive axle	Kessler D81PL488-NLB



B 45 吨

车型 Model	HNRS450
发动机 Engine	CUMMINS QSM11
变速箱 Transmission	ZF/5WG261 AUTO
驱动轴 Drive axle	Kessler D102PL341
转向轴 Steering shaft	Kessler L102



C 9 吨 电动 EV

车型 Model	SECH90C7E
额定负载 Rated load	9000kg
电池类型 Battery type	Lithium Iron Phosphate Battery
电池组容量 Battery pack capacity	350kwh
电池组电压 Battery pack voltage	302v



电动工程机械 / NEW ENERGY SERIES

A 电动重型叉车

规格、 型号 model	HNF100/120/150S/160/200/250-EL
额定载荷 Rated load	10000kg/12000kg/15000kg /16000kg/20000kg/25000kg
动力形式 Driving Mode	锂电池宁德时代 Lithium Battery,LiFePO
额定电量 Battery capacity	141/175/175/210/245/282 kWh



B 电动装载机

规格、 型号 model	HNL18/35/50-EL
额定载荷 Rated load	18000kg/35000kg/50000kg
斗容 Bucket Capacity	1/2/3 m^3
电池 Battery	锂电池 宁德时代 Lithium Battery,LiFePO
额定电量 Battery capacity	141/280/282 kWh



C 电动轮式 / 履带挖掘机

规格、 型号 model	(HNE80W/HNE120W/HNE150W)C-EL
工作重量 Operating weight	8000kg/12000kg/15000kg
斗容 Bucket Capacity	0.2/0.3/0.6 m^3
动力形式 Driving Mode	锂电池 宁德时代 Lithium Battery,LiFePO
额定电量 Battery capacity	141/175/210 kWh



D 电网供电式履带挖掘机

规格、 型号 model	HNE80C/150C/250C/360C-EP
工作重量 Operating weight	8000kg/15000kg/25000kg/36000kg
斗容 Bucket Capacity	0.2/0.6/1.35/1.6 m^3
动力形式 Driving Mode	电网供电 Parameters-Grid Powered



E 电动伸缩臂叉车

规格、 型号 model	HNTE4007-4Z
额定载荷 Rated load	4000kg
载荷中心距 Load center	500mm 两节臂
动力形式 Driving Mode	锂电池 宁德时代 Lithium Battery,LiFePO
额定电量 Battery capacity	75 kWh



非标定制 / NON-STANDARD CUSTOMIZED SERIES

A 扒渣车

规格、 型号 model	HNBZ8512/8512R
扒渣头行程 extension range	6000-12000mm 可定制
扒渣力 Slag removing force	20kN
动力形式 Driving Mode	锂电池 宁德时代 Lithium Battery,LiFePO



B 轮胎式加料车

规格、 型号 model	HNT-1505/1807
额定载荷 Rated load	5000kg/7000kg
发动机 Engine	康明斯 Cummins
额定功率 Rated power	97/126kW



C 越野叉车

规格、 型号 model	HNFY-50
额定载荷 Rated load	5000kg
载荷中心距 Load center	600mm
动力形式 Driving Mode	柴油 Diesel



D 叉吊车

规格、 型号 model	HNFC160-1000
额定载荷 Rated load	16000kg
载荷中心距 Load center	900mm
动力形式 Driving Mode	柴油 Diesel
举升高度 Lifiting height	17300mm



其他定制产品

井下吊机
Underground crane



电动履带式叉车
Electric crawler forklift



游艇叉车
Marina forklift

