Global expert in electrical power and advanced materials, Mersen partners companies around the world that drive today’s industry and shape tomorrow’s society. A committed partner and core technology provider.

- €879m in consolidated revenues in 2018
- 6,900 employees
- Present in 35 countries
At Mersen, our goal is to help you meet the technological challenges that drive you forward and that shape our world. Whatever the sector and whatever the stakes, we draw on a broad range of products and services to help you define and design custom-fit solutions and processes.

Day after day, we deliver world-renowned expertise in electrical power and advanced materials to industry groups looking to develop their activity and meet tomorrow’s technological challenges.”
ADVANCED MATERIALS

No.1 worldwide in brushes and brush-holders for industrial electric motors

No.2 worldwide in high-temperature isostatic graphite applications

No.2 worldwide in graphite-based anti-corrosion equipment

ELECTRICAL POWER

No.1 worldwide in the supply of passive and hybrid devices for power electronics and battery systems

No.2 worldwide in industrial fuses
Mersen’s two specialist business segments deliver expert solutions with the same exacting standards and focus for a range of different sectors including wind and solar power, electronics and fiber optics, rail, aerospace and aeronautics transportation, corrosive chemicals, process industries and more. We work hand-in-hand with industry manufacturers and operators to make tomorrow’s solutions more efficient and more reliable. Wherever technologies are advancing and innovating, you’ll find a little bit of Mersen.
50% of activity dedicated to sustainable development markets

200+ experts

15 R&D centers around the world
Pushing boundaries is second nature at Mersen. For more than a century, we have provided industry players the world over with innovation to **improve their product performance and services.** Innovation that meets the constraints of technological change as companies move further and faster. Whether you need to cut costs, streamline your efficiency and the useful lives of your consumables, or even respond to changing consumer habits and preferences and the boom in the green economy, Mersen has a full spectrum of innovation in the service of industrial performance.
Proximity

Present in 35 countries

>50 industrial sites
Creating value for our clients means understanding their needs, their challenges and their constraints. It also means understanding their environments, both geographical and competitive. With more than 50 industrial sites in 35 countries, Mersen works side-by-side with its clients at the heart of its markets, developing strong ties to offer made-to-measure, high value-added solutions at every level. A relationship of trust in transforming challenge to opportunity.
PERFORMANCE BY MERSEN

Efficiency  
Competitiveness  
Long life  
Reliability  
Protection
A comprehensive offer

GRAPHITE SPECIALTIES

ANTI-CORROSION EQUIPMENT

POWER TRANSFER TECHNOLOGIES

ELECTRICAL PROTECTION & CONTROL

SOLUTIONS FOR POWER MANAGEMENT
MERSEN Solutions

GRAPHITE SPECIALTIES

- Unique expertise in high-performance materials and solutions for high-temperature and extreme environment production or operation
- Graphite, carbon/carbon composite, carbon insulation, flexible graphite and silicon carbide (SiC) solutions for the process, aerospace, solar PV and electronics industry

NO. 2 WORLDWIDE IN HIGH-TEMPERATURE ISOSTATIC GRAPHITE APPLICATIONS

ISOSTATIC AND EXTRUDED GRAPHITE

Graphite electrode for electrical discharge machining

Die for continuous casting of copper alloy, precious metals and cast iron

Support for hot-glass handling

Wafer holder for substrates in semiconductor manufacturing

Polysilicon manufacturing electrode

RIGID AND FLEXIBLE CARBON INSULATION

Rigid CBCF insulation for industrial furnaces

Soft-felt insulation for polysilicon furnaces

Hybrid rigid/soft-felt cylinder-form insulation for heightened performance

PAN soft-felt permeable electrodes for energy storage

Rigid CBCF insulation for high-temperature sintering furnaces

CARBON/CARBON COMPOSITE

Brake disk for aircraft

Component support for high-temperature furnaces

Accessories

SSIC SINTERED SiC

Structural component for space and ground telescopes

Mirror for space and ground telescopes

Plate for continuous flow chemical reactors

Mirror and laser scanner for industrial applications

FLEXIBLE GRAPHITE

High-performance static graphite seals

Thermal protection and insulation

Dynamic graphite seals
ANTI-CORROSION EQUIPMENT

- Design and manufacture of process equipment to resist corrosive environments in the chemicals industries: graphite, silicon carbide, noble metals (tantalum, zirconium, titanium), nickel alloys and fluoropolymers
- Services and maintenance

NO. 2 WORLDWIDE IN GRAPHITE-BASED ANTI-CORROSION EQUIPMENT

ENGINEERING SYSTEMS

HEAT EXCHANGERS

Block form:
- in graphite
- in silicon carbide

Tubular form:
- in graphite
- in silicon carbide
- in tantalum
- in zirconium
- in titanium
- in nickel alloy

COLUMNS, REACTORS AND PRESSURE VESSELS

PIPING, BELLOWS AND ACCESSORIES

- in graphite
- PTFE lined
- CL-Clad® tantalum cladding
- in zirconium
- in titanium
- in nickel alloy

BURSTING DISKS

- in graphite
POWER TRANSFER TECHNOLOGIES

- Technical solutions for motor applications and generators
- Customized solutions and dedicated enhancement and reengineering services
- On-site expert assessments
- Motor maintenance services

NO. 1 WORLDWIDE IN BRUSHES AND BRUSH-HOLDERS FOR INDUSTRIAL ELECTRIC MOTORS

BRUSHES AND BRUSH-HOLDERS

For wind turbines
For DC motors
Traction motor brush-holders
Plug sets for thermal power plants

BRUSH ROCKERS & SLIP RING ASSEMBLIES

For generators and alternators
For asynchronous motors
For hydro power generators
For hoisting

CURRENT COLLECTORS

Contact strips
3rd rail Current collector deviceshoes
Sliding contacts

COMPLETE SOLUTIONS

Pitch slip rings for wind application
MERSEN DustCollector
MERSEN Total Monitoring
Wheel flange lubricating sticks & applicators
A full range of fuses and fusegear systems and devices
- Surge protection systems and devices

NO. 2 WORLDWIDE IN INDUSTRIAL FUSES

UL FUSES AND FUSEGEAR
- Bladed fuses
- HSJ high-speed fuses
- Medium voltage fuses
- Medium voltage controllable fuses

IEC FUSES AND FUSEGEAR
- Helioprotection® gPV fuses
- Low voltage fuse systems
- Low voltage AC and DC switches
- DIN and French standard high voltage fuses

SURGE PROTECTION DEVICES
- Power Line SPDs – NEMA UL/CSA
- Power Line SPDs – DIN Rail IEC/UL/CSA, PV
- LED Lighting SPDs
- Surge Protection Components

POWER TRANSFER FOR RAIL VEHICLES
- Earth return current unit
- 3rd rail current collector device
- Fuse box
- On-board switch
SOLUTIONS FOR POWER MANAGEMENT

- Passive and hybrid components for high-performance power conversion and batteries systems’ improved safety and reliability

NO. 1 WORLDWIDE IN THE SUPPLY OF PASSIVE AND HYBRID DEVICES FOR POWER ELECTRONICS AND BATTERY SYSTEMS

OVERCURRENT PROTECTION FOR SEMICONDUCTORS AND BATTERIES: HIGH-SPEED FUSES & HYBRID SYSTEMS

- Standard and high performance power converter protection
- Traction and railway converter protection
- E-mobility protection
- Hybrid DC protective devices

COOLING SOLUTIONS FOR POWER ELECTRONICS

- Air heat-sink
- Embedded heat-pipe air heat-sink
- Liquid cold plate
- Heat-pipe cold wall

BUSBARS

- Laminated busbar for high-voltage inverters
- Laminated busbar for high-frequency drives
- Smart monitoring busbar for battery packs
- Backplane power distribution laminated busbar

CAPACITORS

- Electrolytic capacitors
- Film capacitors
- Customized capacitors, for ex. capacitor bank on laminated busbar
A responsible company around the world
Mersen’s Board of Directors and executive management are committed to acting in the best interests of the Group and its stakeholders and to upholding the highest standards of ethics and transparency.

Mersen’s Code of Ethics applies individually and collectively to all of the teams and officers that make up the Group’s ecosystem around the world.

As a signatory of the United Nations Global Compact since 2009, Mersen policies and actions are guided by the organization’s principles and directives.

Mersen is committed to engaging all of its teams in the search for solutions that ensure the thriving development of green energy and green industry and that optimize the ecological footprint of its products.
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