



Bertrand HALLÉ



The railroad industry is changing fast and faces many budgetary, economic and ecological challenges. In this permanently evolving environment, SOCOFER is continuing to develop on the basis of its four fundamental

- **Human Resources**: priority to staff training, to maintain the excellent level of skills needed. Socofer's team is its primary wealth
- Capital Investments : brand-new engineering and production facilities in response to new demands of the railroad industry
- Sales & Marketing : increasing market share and perpetuating its international presence
- Customer Service : accompanying clients through the vast challenges with which they are confronted.

In the name of all the SOCOFER teams, I invite you to discover our products and solutions, please contact us.

### **OUR SKILLS AND CAPABILITIES:**

Design & Development: 40.000 hours per year

- Skills
- Mechanical
- Hvdraulic / Pneumatic - Electrical / Automation
- Electronic / Power electronics
- Industrial computing
- 3D Computer work desks: Solid Edge
  - Structural finite element analysis : FEM - ANSYS - NASTRAN
  - On-board software development : SVDTS (SOCOFER Vehicle Diagnostic & Tools System)



### Industrial capacity: 140.000 hours per year

- Skills:
- Boiler and sheet metal works, car body
- ISO, NF, BS & ASME certified welders
- Hydraulic & pneumatic assembly - Electrical wiring and automation
- State of the art industrial site with track access - Two production and assembly
- workshops 5750 m<sup>2</sup> - Mechanical workshop 320 m<sup>2</sup>
- Electrical workshop 320 m<sup>2</sup>
- 25 meters long Paint booth
- Receiving Shipping & Quality control 670 m<sup>2</sup>
- Power test area including drive line test
- Test track

#### Our project management procedures ensure :

- Meeting programmed schedules
- Managing quality, cost and risk topics
- Organizing production processes and their follow-up

SOCOFER delivers its innovative expertise within 4 key sectors:

- Infrastructure
- Traction
- Services







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MITSUBISHI

NYCT • ONCF

RAPID KL • RATP • RDT 13

SIEMENS • SNCB • SNCC

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VOSSLOH

REFERENCES





cofer

12 Avenue Yves Farge - BP 70258 37702 Saint-Pierre-des-Corps, Cedex 2 FRANCE

Tel. +33 (0)2 47 39 28 24 Fax. +33 (0)2 47 37 63 04 socofer@socofer.com

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## **INFRASTRUCTURE**

Our Infrastructure Sector covers all self-propelled, towed or modular units, designed for track, catenary and railway infrastructure maintenance.

SOCOFER provides either railroad or Hi-rail solutions with a wide range of services on offer

- VAKTRAK<sup>®</sup> suction cleaning
- High pressure water jetting
- Rail treatment (sandite, de icing)
- Weed spraying
- Crane & jib assembly, rail handling
- Tunnel and bridge inspection
- Catenary inspection
- Track measurement
- Transport of personnel
- Rail welding











SOCOFER can provide upfront answers to your project. Thanks to a comprehensive and integrated approach of analyzing multi-function service vehicles, we can assist you in elaborating your own technical specifications.

Our in-house team possesses the skills required to develop on-board computer systems software and maintenance tools (SVDTS)\*.



#### Our reference background is extensive :

- Track motor cars
- Self-propelled Multi Purpose vehicles and wagons
- Maintenance Modules
- Crane wagons
- Hi-Rail vehicle
- VAKTRAK® vacuum cleaning train

Attentive to customers' needs, we provide innovative, alternative and cost-effective solutions.

\*SOCOFER Vehicle Diagnostic & Tools System









MEETING RAILROAD CHALLENGES







Our Traction Sector provides all SOCOFER low to medium power, railway traction units.

A wide range of diesel, hydraulic, hydrostatic, electrical and bi-modal solutions is available for all gauges.

Since 1920, SOCOFER has been recognized as an accomplished manufacturer in the design, fabrication and assembly of railway-dedicated rolling stock.

Our customers are :

- Railway, metro and light-rail networks
- Industrial sites with track access
- Companies dedicated to track works or construction
- Railway material leasing companies

With almost a century of experience in the railway sector, SOCOFER has the know-how suited to standards worldwide, whether from the public or private sectors, and offers technical solutions to specific constraints on each and every project.







SOCOFER : Driving change



## TOOLING

Our Tooling Sector focusses essentially on the development of special devices to optimize manufacturing and maintenance processes of railroad units or equipment:

- Turning devices for vehicle frames, bogies and traction motors
- Maintenance platforms
- Wheel disassembly presses
- Drive line alignment bench
- Workshop Lorries

SOCOFER is also the exclusive distributor of the portable CNC lathe, for locomotive wheel re-profiling, made by DELTA Mfg (USA).

SOCOFE has developed top-of-the-line tools in response to customers' needs to meet railroad technical specifications.







# **SERVICES**

Our Service Sector includes:

- Maintenance services (preventive or corrective) and complete overhaul, modernization and re-powering of railway rolling stock
- Commissioning, training and after-sales services all to ensure our customers' peace of mind
- Rental of industrial shunters
- On-site, locomotive wheel re-profiling

SOCOFER's Service Sector emphasizes a "people-to-people" approach.

Our Corporate Commitment is based upon Values shared by all the team:

- Passion, Positive Attitude, Pride in a Job Well Done,

And upon essential Codes of Conduct:

- Leadership, integrity, foresight, availability, and professionalism ... to guarantee results that our customers expect.

This approach generates excellent human relationships and solid value for your money.

Flexibility in our approach to meet customers' needs is the key to success, whether for maintenance, refurbishment, re-engineering or for vehicle upgrades.





SOCOFER : The manufacturing Bench-Mark

SOCOFER : Permanent innovation

SOCOFER: Operations you can rely on