Faiveley Transport, supplying reliable, innovative systems that cover all aspects of the railway rolling stock industry for over a century. This enviable experience provides a solid base for innovation, and helps provide rigorously tested, state of the art technology to meet tomorrow’s needs.

WHEREEVER YOU ARE
The worldwide network of member companies ensures a maximum of local expertise and input, simplifying installation and maintenance and helps optimise total cost of ownership. This unrivalled experience ensures the perfect integration of Faiveley Transport systems, whatever the operating conditions.

MORE THAN JUST A SUPPLIER
Faiveley Transport is a practical, long-term partner through every stage of your project: from system definition, design, manufacture, commissioning to lifetime warranty... including retrofit.

THE ROOTS OF OUR EXPERTISE
Faiveley Transport, supplying reliable, innovative systems that cover all aspects of the railway rolling stock industry for over a century. This enviable experience provides a solid base for innovation, and helps provide rigorously tested, state of the art technology to meet tomorrow’s needs.

Faiveley Transport simplifies the
- Design: dedicated design teams allow customised solutions to meet all your needs
- Installation: Faiveley Transport flexibility allows installation where you need it
- Maintenance: intelligent maintenance systems with easy access save time
- Future: supplying complete, customised solutions,
Faiveley Transport is committed to take full responsibility for the brake function.

“...because milliseconds count”
Our dedicated design engineering team spearheads this global experience, giving you a fully customised system solution using refined & proven design procedures.
help simplify maintenance,
giving you the security and cost control you need.
Compact braking management is essential to ensure the performance and availability of metros, all day long.

World specialist in pneumatronic solutions, Faiveley Transport’s brake control makes the difference!

Typical blending strategy

Maximum availability & low operating costs

BOGIE BRAKE CONTROL
Ideal for metros with both motor and trailer bogies on the same car, MATRIC is the most modern bogie brake control solution on the market.

Safely, best brake application

CAR BRAKE CONTROL
The first to propose and market such an approach, the EPAC-LITE car central solution offers the simplest system architecture for metros with homogenous bogies on the same car.

‘Plug & play’, simplicity

EPAC-LITE NETWORK

Typical blending strategy

Typical blending strategy

Maximum force for adhesion

Total electro-dynamic brake force

Total friction brake force

Blending strategy is key to ensure optimized balance between electro-dynamic and friction brakes in any condition. Owing to its unique and original solution, Faiveley Transport’s control system allows homogenous brake application along the train. It also guarantees the same wear at each pad, even for long trains, thus reducing significantly the maintenance costs.

Behind every reference is a story of Faiveley Transport flexibility

In 2011, Alstom Transport awarded Faiveley Transport to supply the Brake System solution for the 168 cars of the Chennai metro in India. Out of the 42 trains to be produced by Alstom, 9 were planned to be made in Brazil and the remaining 33 in India.

Faiveley has always expressed a strong will to follow the customer in every complex project, like it was the case for Chennai. The brake system of the first 62 trains was developed in Europe, integrated in South America and then produced in a serial mode in India.

Even if the brake system was designed in Europe, Faiveley had anticipated the localization of serial production by supplying Indian equipments from the beginning.

Based on its worldwide production sites, Faiveley Transport has always been able to support Alstom in every phase of this project, in Europe, in South America and as well in India. The support was provided by local resources and local production. A transfer of competence was done for the brake equipment from Europe to India.

As a brake system expert Faiveley always took care about local environmental conditions and proposed quality products with a strong validation plan based on real tropical conditions. The endurance tests were also performed in a stressed climatic environment in India!!

Looking for a worldwide partner bringing Quality everywhere around the globe ? Faiveley’s proven results make the difference!

Xavier Caudron
Key Account Manager

With over a century of service to the transport industry, who better than Faiveley Transport to maintain your investment?

Constant and extensive feedback on the performance of on-board equipment over the century gives unequalled experience.

As early as the design stage, this information helps make the equipment easier to maintain and brings greater availability, reliability and safety, significantly optimising the life cycle cost.

It leads directly to easier access, reduced maintenance times, tools for troubleshooting and finally faster return to revenue service.