

Locomotives & Rail Services



**185 years
of railway experience**

johncockerill.com/services



New Locomotives

John Cockerill Locomotives designs, produces, commercializes and makes maintenance of a range of locomotives equipped with hydrostatic, hydrodynamic, diesel-electric AC/AC or hybrid transmissions.

John Cockerill designs powerful, compact, robust and ergonomic locomotives, for heavy tractions in industrial installations as well as for railways.

Environmentally friendly, they are manufactured in accordance with the international standards (UIC, AAR, CEI, EN...).

General characteristics

- Diesel engine power from 350 hp to 1500 hp
- Tractive effort from 120 kN to 270 kN
- Max speed from 30 to 100 km/h
- Axle load from 15 to 26 tons
- Gauge from 1,000 to 1,676 mm

Optional equipment

- Automatic couplers
- Multiples units
- Events recorder
- Exhaust after treatment system
- Remote control
- GPS geolocation

Range of diesel hydraulic locomotives



NH 300 B
350 CV - 30 km/h



NH 500 B
525 CV - 60 km/h



NH 700 BB
750 CV - 35 km/h

New range of AC/AC diesel electric locomotives



DE 600 C
612 CV - 50 km/h



Hybrid Catenary Maintenance Vehicle
550 CV - 100 km/h



DE 1200 BB
1200 CV - 90 km/h



Multi-purpose freight and passenger locomotive

Modernization of locomotives

Everywhere, old locomotives are potentially an alternative solution to brand new material. Indeed many components of these can be refreshed, some other can be replaced, and some strategic ones deserve complete new design, to take advantage of technology evolution.

With successful experiences of refurbishment of locomotives in Europe and Africa, John Cockerill Locomotives can provide upgrading solutions on almost every machine, up to 1500 HP.

Moreover, a refurbishment done in customer premises, with customer's team, leads to an improved knowledge of the material by this team, and stronger collaboration relationship between John Cockerill and the customer



Modernized henschel hydrodynamic locomotives (Ivory Coast)



Modernized bogies



Hybrid Catenary Maintenance Vehicle with hybrid transmission



In addition to the construction of new locomotives, we offer a wide range of services, from leasing to driving at the customer's site, modernisation, maintenance of rolling stock, supply of spare parts and financing of railway projects. We also carry out technical inspections of railway wagons for railway operators.

Rail Services

Industry services

Locomotives rental services

- A fleet of more than 20 shunting locomotives from 350 to 750 hp
- Rental contracts include equipment and maintenance

Locomotives maintenance

- Complete maintenance support
- Commitment on an availability rate
- On-site presence 24/7 on-call intervention

Locomotives modernization

Enhances the overall performance of your diesel locomotives through the engine-ring and supply of various components and systems such as :

- Diesel engine, transmission, cooling system ...
- Driving automaton and electrical cabinet
- Pneumatic plate and radio control

Special reference in the modernization of GE U6 and U10B locomotives

Driving a locomotive on its own site

In addition to locomotives supply, John Cockerill Traction can also manage driving operations at the customer's own site.

Railway operators services

Technical inspections of trains

John Cockerill Traction specializes in the regulatory technical inspection of railcars registered according to Appendix 9 of the CUU.

Located in Antwerp, trained and qualified, our operators are active everywhere in Belgium



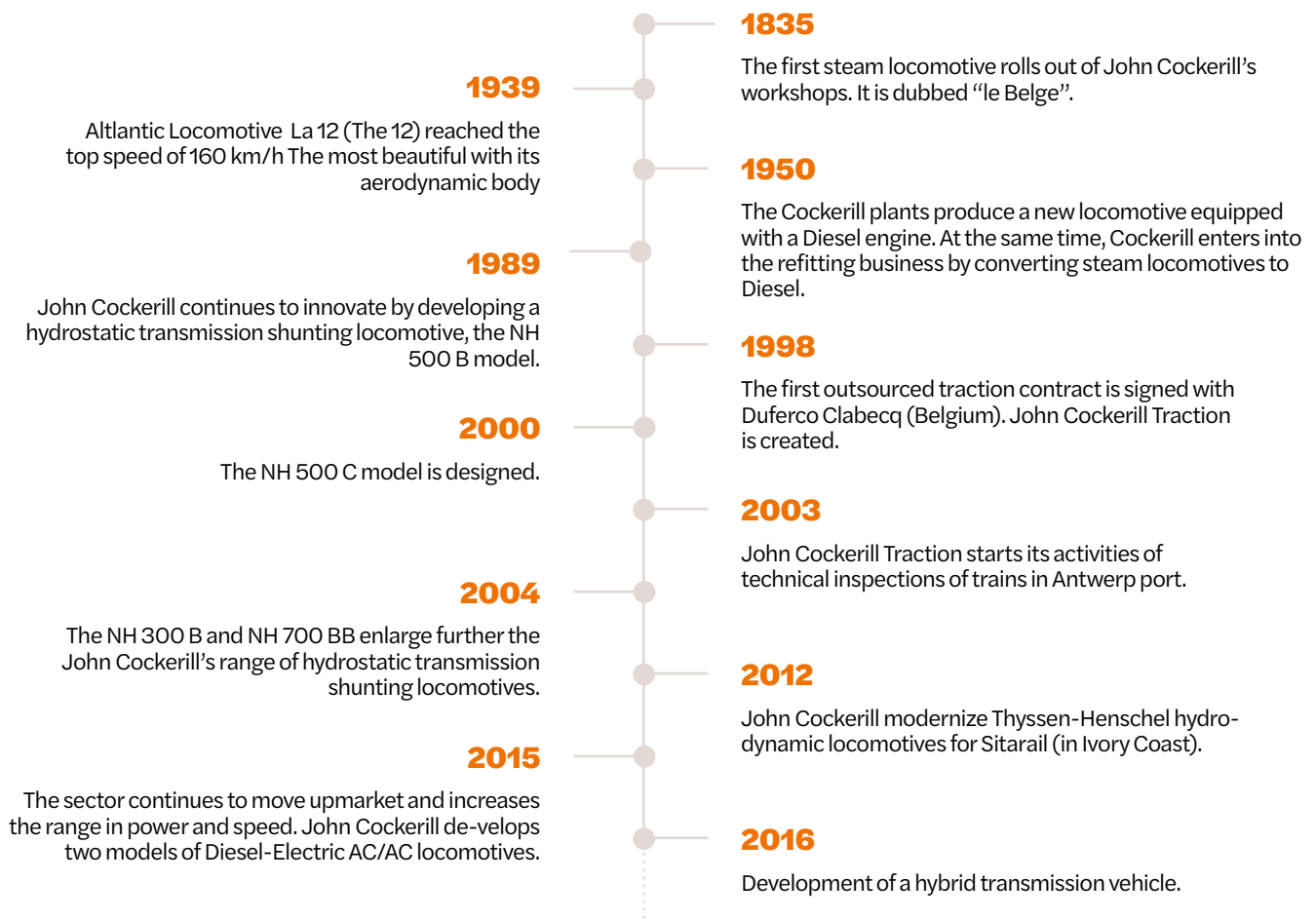
Railway services

Integrated projects

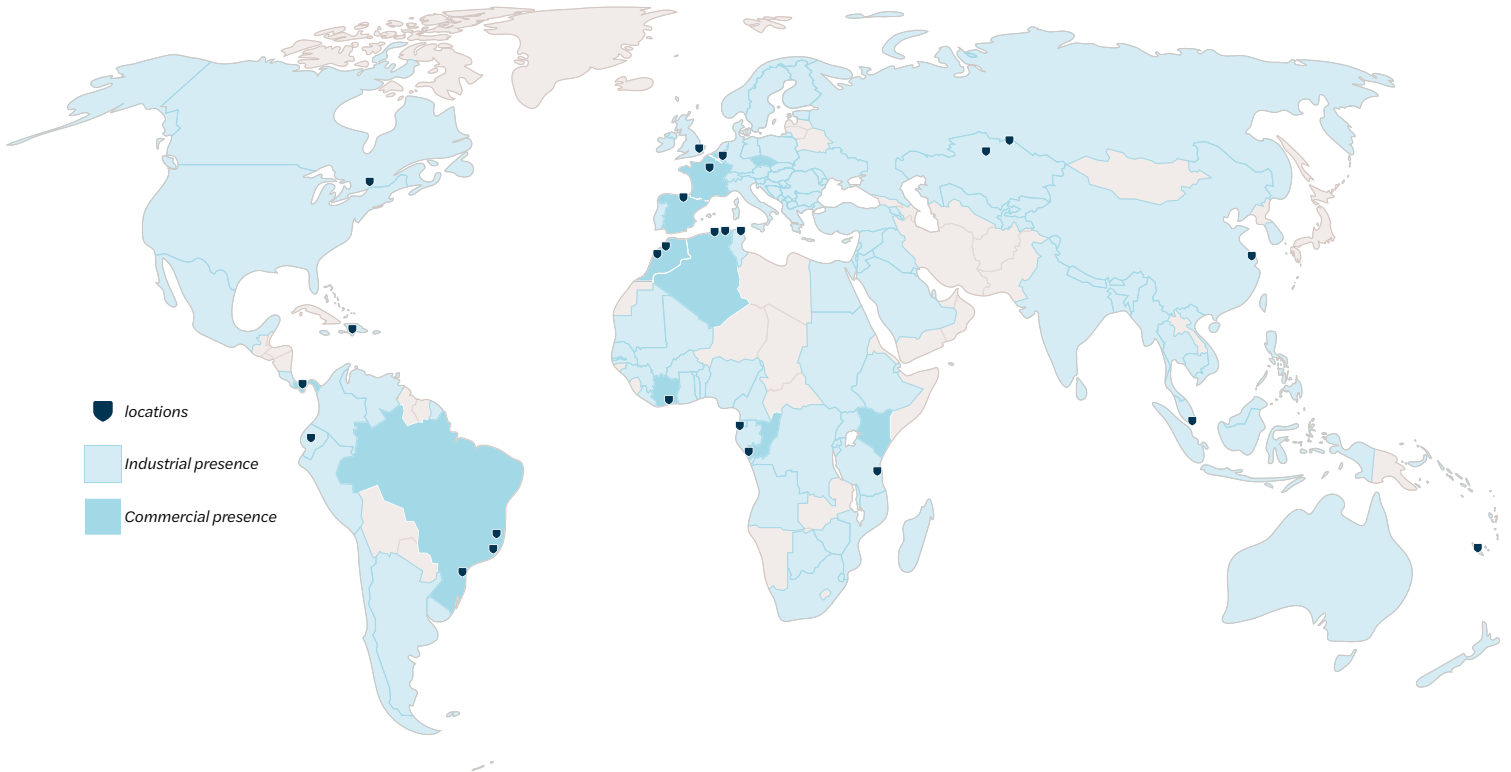
Thanks to its long experience in the railway industry, John Cockerill Services can offer any operator or railway an integrated solution including all its needs such as rolling stock, workshop equipment, track equipment, simulators, training centre, as well as financing solutions.



Some key dates



John Cockerill Services worldwide



References



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