

Clayton Equipment secure Locomotive order from Tata Steel, Port Talbot

April 2019



As part of Tata Steel's requirement to replace their ageing locomotive fleet at the Port Talbot works, Tata Steel has ordered a number of new battery hybrid locomotives, designed and manufactured by Clayton Equipment.

The new Clayton Equipment CBD90 locomotive is a 90 tonne, hybrid Bo-Bo locomotive. Power is delivered by the traction battery and 416kW maintenance free, high torque electric motors. The locomotive is self-contained, with onboard battery charging from a low emission, EU Stage V compliant Diesel engine. This configuration enables Tata Steel to realise significant financial savings from reduced fuel costs and lower maintenance. With 24/7/365 operation, the locomotives higher availability allow Tata Steel to maintain and grow their planned productivity.

The locomotive design offers high torque, high haulage capability with over 300kN tractive effort, delivering the 2,500 tonne loads safely across the Port Talbot works, operating on their maximum gradient of 1:60 (1.7%).

Clive Hannaford, Managing Director at Clayton Equipment, said: "We are pleased to work with Tata Steel, designing this locomotive to meet their specific needs. As with all of our locomotives, the design of this bespoke locomotive, with manufacture, test and commissioning taking just over 24 weeks, allows Tata Steel to quickly realise the benefits needed".

"This locomotive is the largest designed and built in the UK for over 16 years, with Clayton Equipment being the only UK independent OEM that retains this ability. Clayton Equipment and Tata Steel are also proud to be using high quality steel for the 30 tonne frame, supplied by Tata Steel's Plate Profiling Centre in Wednesfield, West Midlands".

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For more information on Tata Steel, visit: www.tatasteeleurope.com

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About Clayton Equipment

Clayton Equipment is the only UK locomotive manufacturer, capable of designing and manufacturing locomotives from 1.75 tonnes to 135 tonnes, and with track gauges from 457mm to 1,676mm. The company designs and builds battery, Diesel, overhead (trolley), battery-Diesel and battery-Diesel-3rd rail hybrid locomotives, to over 60 countries, supporting the industrial depot, metro, mainline, tunnelling and mining industries.

About Tata Steel's European operations

Tata Steel is one of Europe's leading steel producers, with steelmaking in the Netherlands and the UK, and manufacturing plants across Europe. The company supplies high-quality steel products to the most demanding markets, including construction and infrastructure, automotive, packaging and engineering. Tata Steel works with customers to develop new steel products which give them a competitive edge. The combined Tata Steel group is one of the top global steel companies, with an annual crude steel capacity of 27.5 million tonnes and more than 65,000 employees across five continents. The group's turnover in the year ending March 2018 was US \$20.4 billion.

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