

THE HOTCHKISS GROUP OF ENGINEERING COMPANIES



TURNING NEW DRIVING WHEELS USING CNC MILLING MACHINE

The Romney Hythe and Dymchurch miniature railway runs a fleet of one-third full size steam and diesel locomotives dating from 1925. The "World's Smallest Public Railway" continues to transport 160,000 passengers a year from the Cinque Port of Hythe 13.5 miles to the lighthouse at Dungeness throughout the year.

In order to maintain the locomotives in prime working condition it is crucial that each engine is completely overhauled every 15 years.

Hotchkiss Engineering Group was contracted to support the latest overhaul of locomotive No. 10, Dr. Syn - a Canadian Pacific style engine built in 1931 by the Yorkshire Engine Company. Our reputation for reliability and technical expertise was considered vital for passenger safety on the miniature railway.

The Railway's own machinery wasn't capable of producing the required new axles and driving tyre profiles. Romney Hythe and Dymchurch Railway therefore supplied the co-ordinate path and we used our 5-metre long CNC Milling Machine to turn 3 axles providing 6 wheels for the locomotive.

Martin Blackwell, Overhaul Engineer at the Romney Hythe and Dymchurch Railway, was "very impressed with the craftsmanship and efficiency of Hotchkiss Engineering Group" and intends to use our services for further bespoke projects in the future.

More information on our CNC Milling services can be found on our website:

www.hotchkissengineeringgroup.co.uk

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