



Slinden Services Ltd

Cast Iron Welding & Metal Stitching Repairs

Tandem Roller Cylinder Block



We were contacted by a customer with a 1925 Robey Tandem Roller cylinder block saddle needing repair to *“a crack on the one corner of the saddle, incorporating a stud through-hole.”* Following delivery to our workshop, a thorough inspection found another crack from a low pressure cylinder stud hole toward the cylinder bore, which was deemed worthy of repair.



Before and during the 19th century, roads were made of crushed, graded and rolled stone. A typical steam roller had to be heavy, slow and robust, but with the advent of new road making materials, quicker, more manageable rollers were needed, especially smaller sizes for rolling paths and drives.

The Robey steam wagon was already in full production, so a clever step was to take the standard wagon boiler and engine unit, fit it with two rolls and market it as a quick reversing roller. Altogether, 79 Tandems were built.



Repairs were undertaken by way of our Lloyd's approved fusion welding procedures, followed by the grinding up of all welds to correct profile, full crack testing, then sand blasting and a coating of red oxide primer, before being returned to the customer for machining.

For any steam/loco casting repairs, please contact us for an initial quotation.



- On Site Inspection
- Lloyds Welding Procedures
- Full Machining
- Full Shot Blasting
- Painting As Required
- 2 Year Guarantee

*Breathing new life into
damaged cast iron components*

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