



# Slinden Services Ltd

Cast Iron Welding & Metal Stitching Repairs

## Flywheel for Steam Roller



We were contacted by the owner of a vintage steam roller in need of repairs to the main flywheel, due to many cracks found around the shaft area...

The flywheel was brought in to our workshop for inspection and testing, where it was decided that a new casting would be more economical than repair to the original, so the sprocket was removed before we set about organising patterns from the pattern maker, then sending to our trusted foundry for casting of the new flywheel in cast iron...

The flywheel on a vintage steam roller smooths out the uneven power pulses of the steam engine's pistons, preventing the engine from stalling. It also acts as a pulley for driving stationary farm equipment (such as threshers) and helps the driver manually rock the engine off dead centre when starting.

Once the casting was back in our workshop, full machining began to the outer ring and bore, with drilling of bolt holes, etc., all to original specifications, and the original sprocket was fitted to the new casting. A coat of red oxide primer was applied, before return to the customer.

For any Steam/Loco casting repairs, please give us a call for an initial quotation.



- Fixed Cost Quote
- Lloyds Welding Procedures
- Full Machining
- Full Shot Blasting
- Painting As Required
- 2 Year Guarantee



*Breathing new life into  
damaged cast iron components*

L3 Olympic House, Westminster Industrial Estate, Measham, Derbyshire, DE12 7DS

Telephone: +44 (0) 1530 274646

mail: [info@slinden.co.uk](mailto:info@slinden.co.uk)