



## Point Machine Service/Refurbishment

### The Challenge

**An International client approached Unipart Rail for help. The client needed to source a supplier who could overhaul a range of older point machines/motors required for essential infrastructure operations.**

**The client had no defined specification or process to support the overhaul, but the demand was urgent and the need for the product would exist for a significant period.**

**The client needed a reliable, quality overhaul performed within an efficient timescale to meet the demands of their railway operation.**

### The Solution

A previous client had been in a similar position, so we already had in place both the understanding of the product and an efficient remanufacturing process which had been put in place to deliver 'as new' machines at **50%** of the cost of new.

The process includes assessment, complete strip-down, re-engineering of parts or (where required) sourcing of replacements, assembly and rigorous testing. The added complexity of the international transport was also fully costed and it was found that our service remained economically advantageous.

A remanufacturing process specification was developed and approved by the client. This included a full step-by-step process for the strip-down, assessment, cleaning, rebuild and testing of the point machines prior to return to the customer to meet challenging timescales.



## The Service

Unipart Rail's refurbishment service offers a complete refurbishment on a range of Mechanical / Electrical equipment. If Overhaul specifications don't exist, that's not a problem.

We can create overhaul specifications based on years of product knowledge incorporating Lean production methods to provide an efficient and effective solution as an alternative to sourcing new product.



## The Result

**Our approach has supported a range of products for international customers including:**

### Points Motors/Machines

The overhaul costs and efficient shipping methods ensured a cost effective solution was provided for the client enabling the fulfilment of demands by utilising Unipart Rail's service.

Our solution provided the client with a commercially viable solution to obtain a reliable product that can be installed into their network for years to come.

### Signal Panel tile overhauls

Many international customers have experienced difficulties in sourcing spares and replacement panel tiles for older signalling panels, and Unipart Rail is able to offer a 'service exchange' solution which for one client enabled a range of 30+ year old panels to be revitalised with 'as new' equipment and to carry on giving reliable service for many years to come.

### Signalling Relays

Many customers around the world have a range of signalling relays from large shelf type through to miniature plug-in (BR 930) style. Unipart Rail is seen as a global expert in the overhaul of relays, providing over 50,000 units to the worldwide customer base.

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