

Factory Based Overhauls

for Mirrlees Blackstone, Paxman,
Ruston and English Electric engines



Setting World-Class Standards in Overhaul and Refurbishment

MAN Diesel | PrimeServ

The most successful diesel engine operators are those who take the long-term view of their business activities, both commercially and financially. In this context, prolonging engine life and maintaining operational efficiency are key objectives, and the best way to achieve them is through expertly managed overhaul and refurbishment.

The MAN Diesel PrimeServ UK Colchester Service Centre has over 70 years experience in long-term after-sales support for a wide range of **Mirrlees Blackstone, Paxman, Ruston** and **English Electric** engines. As the original equipment manufacturers, we specialise in high-speed and medium-speed four-stroke engines, delivering a variety of services from individual component repairs and refurbishments to full engine overhauls.

In terms of equipment, skills and repair capability for these engine types, our facilities are unmatched anywhere in the world. Every aspect of our service is based on rigorous quality standards and supported by top-level technical expertise.

We pay special regard to the practical maintenance planning issues associated with larger fleets, and we work closely with operators to ensure that maintenance tasks are scheduled to minimise downtime and optimise engine-running hours.



Key benefits:

- > Quality-based, cost-effective service delivered to highest OEM standards
- > Technical support and problem solving advice from highly experienced engineers
- > Physical and technical capability to undertake every kind of refurbishment including major overhauls
- > Operations maintained at optimum levels with efficient turn-round and prompt return of engines to service
- > Engine performance thoroughly tested and confirmed before return to duty, thus avoiding commissioning delays
- > Through-life costs minimised with units restored to optimum operational efficiency
- > Flexible, customer-focused after-sales service with 24-hour telephone support

Delivering Lifetime Confidence Through Worldwide Service

MAN Diesel PrimeServ UK Colchester Service Centre provides a world-class service in diesel engine overhaul, refurbishment and maintenance. Typically, our facilities and services include:

- > Purpose-built facility with 35 tonne engine capacity
- > 6200 m² workshop providing strip, cleaning, inspection and assembly capabilities
- > Dedicated areas set aside for sub-assembly rebuild, turbocharger and cylinder head assembly, ensuring cleanliness and highest quality assembly
- > 6 test cells with electrical and dynamometer loading (7.5MW)
- > On-site fabrication, coded welding and machining
- > Coordinate measuring machines combined with non-destructive testing techniques to enable thorough assessment of crankcases and other major items
- > Four enclosed and two 'open' test beds with dynamometer and electrical load capacity
- > Test facilities available for other manufacturers' engines and those returned for investigation / emissions assessment
- > Targeted stocks held in local stores with integrated links to other MAN locations, providing over 20,000 lines to reduce turnaround times
- > Environmentally controlled paint shop providing highest quality finishing, while reducing contamination risks associated with painting during assembly
- > ISO9001: 2001 accredited systems
- > Commissioning and on-site service support packages
- > 24-hour technical and customer support

Engine ranges supported:

- > Mirrlees Blackstone K & KV series
- > Mirrlees Blackstone MB430
- > Mirrlees Blackstone MB275
- > Mirrlees Blackstone ESL Mk1 & Mk2
- > Mirrlees Blackstone MB190
- > Blackstone Marine Gearboxes
- > Paxman VP185
- > Paxman Valenta (RP2000)
- > Paxman Ventura (YJ)
- > Paxman RPH and Vega
- > Ruston RK
- > Ruston RKC
- > Ruston RKG
- > Ruston RK270
- > Ruston RK215



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