



FORMHALLS ENGINE SERVICES



Historic - Vintage
Classic - Performance

NEWS UPDATE

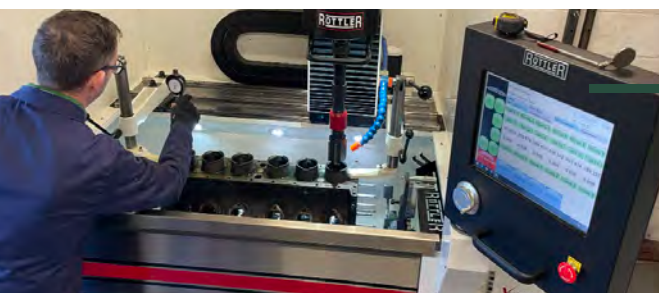


NEW OWNERSHIP & INVESTMENT: A NEW ERA FOR FORMHALLS

Following the recent change of ownership, Formhalls has undertaken a period of reflection and evaluation to understand what the company represents to its past and present customers and more importantly, to define its future direction.

It's clear that Formhalls enjoys an established and respected presence in the historic, vintage, and classic vehicle engineering landscape, with a particularly strong reputation for White Metal bearings. However, the services and capabilities that Formhalls deliver are much more than this, with many high profile and prestigious engine restoration projects being entrusted to Formhalls which encompass other key disciplines. In short, Formhalls is much more than a bearings or restoration specialist.

Whilst tradition, skill and experience remain at the core of everything we do, this can be greatly enhanced with the application of modern technology, particularly in relation to machine-based processes. Therefore, over the past few months, we have significantly upgraded our machining facilities with the introduction of cutting-edge CNC technology here at Downton. This not only enhances our overall capacity, but also dramatically improves precision and accuracy across our machining processes. As a result, the Formhalls team is now able to deliver high-quality, reliable work with faster turnaround times—ensuring we remain both responsive and competitively positioned in a demanding industry.



Formhalls latest investment in CNC technology, is setting new benchmarks in precision machining.

Our new state-of-the-art machinery enhances our capability to deliver industry-leading engine restoration and performance upgrades.

NEW STATE-OF-THE-ART CNC MACHINERY: FASTER TURNAROUND, GREATER PRECISION



These additions to our workshop enable us to meet the highest standards of workmanship and precision, as well as producing a much faster turnaround for all our customers, trade & consumer.

Our advanced equipment includes:

- **Rottler H85AX Vertical CNC Honing Machine**
Ensuring perfect bore geometry and surface finish for optimal engine performance.
- **Comec ACF 200 CNC Cylinder Boring & Milling Machine**
Delivering precision boring and facing to the highest standards.
- **Serdi Valve Seat Machine**
Offering unparalleled accuracy in valve seat machining for optimal combustion efficiency.

CONTACT
FORMHALLS

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Business Park, Downton, Wiltshire, SP5 3RB. England

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EXPERT ENGINEERING TEAM

At the heart of Formhalls is our highly skilled team of engineers. With decades of combined experience, our specialists excel in every aspect of machining and engine restoration, from traditional craftsmanship to advanced precision engineering.

With a robust succession plan, through the recent introduction of new specialist engineers and a comprehensive training program, our expertise is unsurpassed.

Our commitment to quality and precision, ensures that every project, whether a pre-war classic or a modern performance engine, receives the utmost care and attention to detail. The combination of experience and technical expertise allows us to restore and enhance engines to their original, or better, specifications.

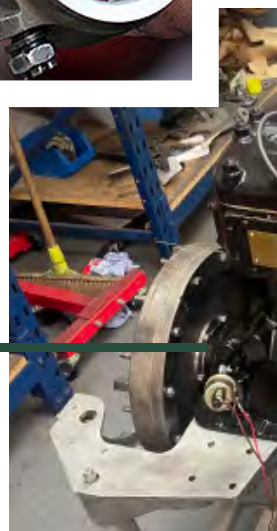


RECENT & CURRENT PROJECTS



Tiger Tank day at Bovington

At Formhalls, we are dedicated to preserving the engineering excellence of the past while integrating modern precision and performance improvements. Whether it's a pre-war Bentley, a classic Ferrari, or a high-performance racing engine, our commitment to craftsmanship and innovation ensures that your engine receives the highest level of expertise available.



The Bovington Tank Museum's Tiger Tank - We were proud to support The Tank Museum with the urgent repair of their iconic Tiger Tank engine. Under a very tight deadline ahead of their Tiger Day event, we carried out precision white metalling on the damaged bearing within the Maybach engine. Our team worked quickly and meticulously to restore the components to working condition, helping to ensure the engine could be reassembled and run in time for this important and much-anticipated event.

Haynes Lagonda 2.6 - Formhalls has just completed the rebuild of a Lagonda 2.6 engine for the Haynes Motor Museum. This beautifully engineered post-war classic has been carefully restored to original specification by our team, and we're pleased to have played a part in preserving such an important piece of motoring history.





Fully restored Lagonda 2.6

Formhalls offers a comprehensive range of specialist engineering services tailored to meet the needs of vintage, classic, and competition engines.

Our precision-driven approach ensures each component is restored or manufactured to the highest quality standards.

Our Specialist Services include:

- Manufacture of White Metal Bearings – Precision casting and machining of white metal bearings
- Precision Machining – Utilising advanced CNC technology to achieve unparalleled accuracy.
- Crankshaft Grinding & Polishing – Restoring crankshafts to exact specifications for smooth performance.
- Welding & Fabrication – High-quality repairs and bespoke metal fabrication solutions.
- Cylinder Boring, Re-Sleeving & Honing – Ensuring flawless cylinder finish for improved efficiency and longevity.
- Surface Skimming – Restoring cylinder heads and blocks to precise tolerances.
- Valve Guides & Seats – Precision-machined valve seats for maximum sealing and efficiency.
- Engine Restoration & Assembly – Complete restoration, from individual components to full engine rebuilds.
- Engine Performance Upgrades – The latest CNC machinery and expertise to deliver engine upgrades.
- Thread Repair, Insert & Plug Manufacture – Specialist solutions for damaged or worn threads.
- Crack & Pressure Testing – Ensuring integrity and reliability of engine components.



Restored Albion engine, run for first time in around 60 years

Albion engine - destined for a historic fire engine - is nearing the final stages of its total restoration. This intricate rebuild has seen the team carefully restore the engine to its original specification, preserving its character. Many missing parts were unavailable which Formhalls reverse engineered from old black and white images. Now entering the test-running phase, the engine is performing well under bench trials and will soon be reunited with its chassis.

The National Motor Museum Trust, Beaulieu - Sunbeam 1000 HP Land Speed Record Holder -1927 - Formhalls is proud to support the National Motor Museum by rebuilding the white metal bearings and regrinding the crankshaft on the iconic Sunbeam 1000 HP- the first car to exceed 200 mph, powered by two mighty V12 Matabele aero engines. With the restoration of the first engine now complete, the team at Formhalls is eagerly anticipating the arrival of the second, continuing their contribution to preserving this remarkable piece of British motoring history.

The Tangye engine at the National Waterways Museum - is currently undergoing restoration due to a failure in its white metal bearings. Formhalls, specialists in white metal bearing production since 1995, have been commissioned to remanufacture these components. Their process involves removing the old bearing material, recasting new bearings using high-grade white metal, and precision machining—including line boring—to ensure optimal fit and performance. This meticulous restoration will help preserve the engine's operational integrity and historical significance.





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VISIT US AT FORMHALLS VINTAGE & RACING

We are always pleased to welcome enthusiasts and trade customers to our workshops in Downton. If you have a project in mind—whether restoration, engine rebuilds, or bespoke machining—we would be delighted to show you around, demonstrate our latest equipment, and discuss your requirements.

Appointments can be arranged at your convenience, and we are happy to provide outline estimates or advice during your visit.

To book a visit or speak with a member of the team, please contact us on 01725 511 241 or email enquiries@formhalls.com.

We look forward to welcoming you.



STAY CONNECTED WITH FORMHALLS VINTAGE & RACING

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If you would like to continue hearing from us about our latest projects, workshop news, and exclusive offers, please take a moment to update your preferences.

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If you no longer wish to receive updates from us, you may unsubscribe at any time, we hope to stay in touch.

Reverse engineering unobtainable parts



Unleaded conversion for MGTA



NEW WEBSITE COMING SOON

The new Formhalls website is under construction, come back to formhalls.com soon to keep up to date with latest news.

With Formhalls you will receive the expertise and experience of traditionally trained engineers combined with the efficiency of the latest cutting edge machinery.

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