

EXPERTS IN NICHE VOLUME PRODUCTION AND INDUSTRIALISATION CONSULTANCY



Ricardo delivers **turnkey, full-service niche volume manufacture and assembly solutions** for specialist applications in markets such as **high performance automotive, motorsport, defence, aerospace, marine and industrial**. We also provide **world-class industrialisation consultancy** to help bring complex and innovative products from concept to production.



AEROSPACE



COMMERCIAL
VEHICLE



DEFENCE



PERFORMANCE
AUTOMOTIVE



MARINE



MOTORCYCLE &
POWERSPORT



MOTORSPORT



OFF-HIGHWAY



RAIL

SERVICES



NICHE VOLUME
MANUFACTURING AND ASSEMBLY



INDUSTRIALISATION
CONSULTANCY



END OF LINE TEST AND
INTEGRATION



THROUGH-LIFE SUPPORT



PROTOTYPE BUILD AND TEST



POST DESIGN SERVICES (PDS)



MAKE-TO-PRINT TORQUE PATH
COMPONENTS



SUPPLY CHAIN MANAGEMENT



VEHICLE CONVERSION AND
PERFORMANCE UPGRADES



MAINTENANCE, REPAIR AND
OVERHAUL (MRO)

FIND OUT HOW RICARDO CAN HELP

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DESIGN

Ricardo's expert capability covers both concept and detail design. From individual components to full vehicle builds, our design services deliver productionised solutions bespoke to the requirements of our clients. Our capability includes concept design, detail design for both parts and assemblies.

INDUSTRIALISATION CONSULTANCY

Ricardo's position as a leading industrial and manufacturing expert enables us to provide a world-class industrialisation consultancy service to help our clients to bridge the gap between concept and production for their complex and innovative products.

We apply our range of services to help customers to navigate all manner of niche volume production challenges, including new product induction, supply chain management, and facility and production planning.

PRECISION MANUFACTURE

We specialise in the provision of quality assured high precision manufacturing of gears, shafts, and prismatic machining in niche volumes for stable series production and provide spares supply and warranty management in post-production.

We provide a fast turnaround service which delivers high quality, torque path components ready for use in client applications. Our in-house capability covers all the major components typically found in high performance driveline.

COMPLEX ASSEMBLY

Our niche volume series production assembly lines offer our clients a high-quality, process-controlled solution for their products.

Our services range from single prototype builds through to flexible semi-automated production lines, delivering thousands of quality-assured units per year. We set-up and manage supply chains and ensure that all products align to or exceed expected quality standards and industry specifications.

TEST

Ricardo's end-of-line testing capability covers the complete powertrain and driveline down to the component level across a wide variety of vehicle platforms. Our testing capability includes traditional ICE, electrified, hydrogen and alternative fuel propulsion technology.

