

Cooling performance beyond limits

Bowman heat exchangers are renowned worldwide for their high performance cooling efficiency and operational reliability. That's why they're already the first choice for many OEM's and Motorsport teams. And with a comprehensive product range plus full technical advice, product support and rapid ex-stock delivery, you can have complete confidence when you specify Bowman heat exchangers for your test cell cooling facility.

Bowman test cell equipment includes:

- Charge Air Coolers
- Exhaust Gas Heat Exchangers
- Header Tank Heat Exchangers
- Stainless Steel Heat Exchangers
- Engine, Gearbox & Lube Oil Coolers
- Fuel Coolers
- Engine Transmission Coolers

For maximum cooling performance beyond limits, choose

Bowman Heat Exchangers.
Quality without compromise.



Test cell cooling solutions

The widest range, available from stock, from the leading brand in heat transfer technology.

Bowman provide arguably the most comprehensive range of heat exchangers for engine test cell applications. Rapid ex-stock delivery is available on virtually every standard product in the range. Bowman are renowned for quality and durability, so its easy to see why many vehicle manufacturers already rely on Bowman products for test cell cooling solutions. The comprehensive range includes:

Charge Air Coolers

Bowman produces Charge Air Coolers for testing and development engines up to 800kW. Units designed for specific engines are also available.



Engine, Gearbox & Lube Oil Coolers

Our Engine Oil Coolers are equally suitable for cooling torque converter, automatic transmission and engine oils. The fully floating tube stack minimises thermal stresses and is easily removed for cleaning.



Exhaust Gas Heat Exchangers

Bowman Exhaust Gas Heat Exchangers remove heat from the exhaust gas and transfer it to the water circuit to enable waste heat recovery. The range is suitable for use with Biogas, Diesel Gas and Natural Gas engines.



Fuel Coolers

Bowman in line plate fuel coolers are designed for easy installation to pipework and are available with copper free construction which are suitable for use with ethanol fuels.



Header Tank Heat Exchangers

The header tank heat exchanger range covers a wide range of engine sizes and eliminates the need for a separate header tank. The tube stacks are designed to minimise thermal stresses and can be easily removed for cleaning.



Engine Transmission Coolers

Bowman DC engine and transmission oil coolers are designed for ease of installation and offer a more cost effective solution on a smaller engine range.



Stainless Steel Heat Exchangers

Bowman Stainless Steel Heat Exchangers are particularly useful in poor quality water environments and can also be used to overcome the corrosive nature of some synthetic oils and refrigerants. The standard product range is suitable for cooling heat loads of up to 840 kW.



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