



Power Torque supply engine and component solutions, technically and physically, for a wide range of applications from laundry equipment to earthmovers, taxis to racing cars.

With franchises for Ford Power Products, Ford component sales, JCB Power Systems, Ford Racing Performance Parts and Case New Holland Components, Power Torque is well positioned to be able to provide the right product for a customer's needs, no matter how unique and challenging this appears to be.

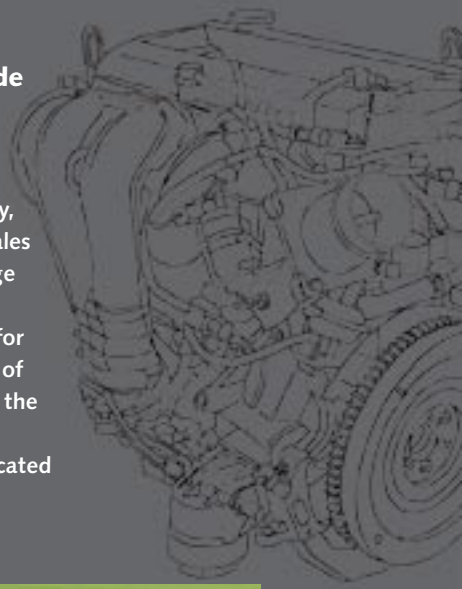


The Source for Power...
Worldwide™

Further peace of mind is assured with the company's comprehensive parts and servicing facilities, to ensure long-term reliability of the systems supplied.

Added flexibility is offered with many of the engines and powertrains supplied being applicable for usage with petrol, diesel, gas and other alternative fuels.

Operating from its centrally located headquarters in Coventry, the company's territory based sales team ensure nationwide coverage and attentive service for all UK based OEMs. Sales and service for Continental Europe and the rest of the world are also handled from the Coventry headquarters, where a specific territory manager is allocated to each client.



Key Applications

Essentially Power Torque is specifically geared to supply to anyone that needs some type of power unit to drive their product.

Present applications include:

- Engines for earth moving, materials handling, power generation and agricultural equipment
- Powertrains for specialist cars, taxis and buses
- Marine propulsion & on-board power generation.
- Flame protected engines for equipment operating in areas of high risk and potentially explosive atmospheres.
- Racing engines, components and custom parts for motor sports
- Engines and components for engine builders, reconditioners, tuners and the general aftermarket

Base units are stored within Power Torque's 26,000 sq foot facility, so that requirements can be quickly met.

Any specialist build requirements are accommodated within the company's technical workshop; Power Torque's technicians working with customers to fully understand their needs, then developing and delivering the right solution for the most cost effective price.

Further modifications and on-going servicing can be made via Power Torque's service centre, which also offers a comprehensive engine testing facility, providing clients with the assurance that the product they receive is of the right quality and specification every time.

Engines

All Power Torque engines are based on well known brands that have a reputation for quality and reliability. To ensure that customers with bespoke needs do not have to compromise their products to suit the precise abilities of the engine, Power Torque then applies its technical knowledge and expertise to modify the engine so that it will suit the bespoke application. This gives the customer exactly what they want, in terms of having a product with unique status in the market place.

Engines are supplied in a range of sizes, currently up to 450kw, covering a variety of market sectors. They are also available across a range of fuels. In particular they are developed to meet the most stringent of emissions requirements, both on and off highway regulations. Also, not just in terms of current requirements but anticipated requirements as well, in some cases for the next 30 years.

In recent years Power Torque has been a major pioneer in the development of engine conversions to alternative cleaner, more cost efficient fuels.



Power to

Moreover because of their engineering skill and the fact that every unit is individually produced and then checked in-house to be sure that it will perform, Power Torque can tailor units to bespoke requirements.

This approach also means that with the usage of computer aided design technology in the design of Power Torque's units, CAD installation drawings are also available for all units within the range. Each unit also comes with maintenance instructions and a comprehensive documentation package.



Flame Protected

Power Torque flame protected engines are designed to operate within potentially explosive atmospheres. They are therefore used in equipment that operates within these areas, such as materials handling equipment, hydraulic power packs, air compressors, wireline units, high pressure water jetting, Nitrogen units and generators.

Typical areas of application are within the oil and gas industry, chemical plants, munitions stores and deep underground mines. The principle of operation of the Power Torque Flame Protected Engine is to limit all surfaces and exhaust gas temperatures to below 200°C and offer automatic shutdown of the engine should high coolant water temperature, high exhaust temperature, low oil pressure or engine overspeed occur.

Power Torque Flame Protected Engines can be fitted with the necessary safety equipment to meet any of the following safety standards - ATEX (94/9/EEC); EEMUA No 107 (1992); BP 200; OCMA MEC I; Lloyds Open Deck Zone II Areas; BS 5908 Zones I & II & Shell ISO 27.



Power Torque Flame Protected engines have had over 20 years market presence, demonstrating the company's knowledge and understanding of this market place. In particular their units have undergone regular updates to ensure that they remain at the forefront of this market place in terms of – Engineering; Design; Safety; Cost effectiveness; & Technical Support.

RANGE Using their engineering expertise within their extensive engineering bay, Power Torque technicians take either a JCB OR A PERKINS engine as the base unit, then apply a series of upgrades including a Pyroban EXHAUST GAS COOLER, Pyroban being a generic name for flame protected equipment in this field. The combination of Power Torque's expertise, the base unit the EXHAUST GAS COOLER AND SHUTDOWN EQUIPMENT, produces an engine that MAKES it a leader in this market place.

o talk about

Specialists in :: Engines :: Powertrain :: Components :: Alternative Fuel Systems :: Flame Protected Engines

Power Train

For those customers seeking a more comprehensive engine and drive train solution, Power Torque is able to package complete bespoke powertrains for original equipment manufacturers.

This can include transmissions and appropriate vehicle sub-systems using standard, propriety or bespoke components solutions.

The net result is that Power Torque can provide a complete chassis drop to the OEM that can be lifted straight from the packing frame into the machine, with no additional preparation required; thereby providing a more cost effective and less technically complicated solution without compromising performance or reliability.



Components

Power Torque also offers a comprehensive range of components, aimed at providing small to medium sized manufacturers with high quality parts, rapidly and efficiently, at manufacturer's prices.

These parts are sourced from Power Torque's principle franchises, including Ford Components Sales, CNH Power Components and Ford Racing Performance Parts. This encompasses a wealth of options to ensure there are suitable components available for all applications.

This enables Power Torque to assist small producers with developing products from components that will meet their specific needs. As well as the product itself, Power Torque can help with technical engineering and development in the form of engineering drawings, specifications, CAD models and homologation information.

Applications for this service have included:

- The potential for this service within vehicle applications is quite obvious, but some less obvious applications have included:
- Laundry Equipment
- Hospital beds
- Jumbo Jets
- Bread ovens
- Ice cream machines
- Roller coasters

The only limit is your imagination!



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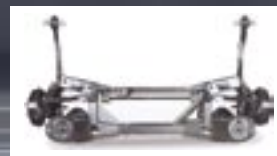
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Power Torque

Power to talk about

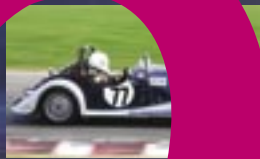


The specialists in providing bespoke engines, components and support services for individual requirements.



Power to talk about

Power



The specialists in providing bespoke, complete support services for individual requirements.