

DYNAMATIC HYDRAULICS™

Leading Global Producer of
**Hydraulic
Gear Pumps**



Dynamatic Hydraulics™

Dynamatic Limited, UK

Dynamatic Hydraulics™ is one of the world's largest producers of Hydraulic Gear Pumps and Motors. It has two state-of-the-art manufacturing facilities, located in Bangalore, India, and in Swindon, UK.



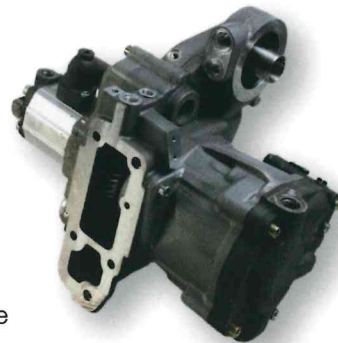
Dynamatic Hydraulics™, UK, has over 60 years of experience in the design and manufacture of Hydraulic System Packages and supplies products to agricultural, construction and on-highway vehicle manufacturers.

Products include combined Variable and Fixed Displacement Axial Piston Pump Packages, Temperature Controlled Fan Drive Systems and Fixed Displacement gear Pumps in Aluminium and Cast Iron with a range of additional Integrated Control Valve options.

Dynamatic Hydraulics™ is a market leader in the field of hydraulics and enjoys high brand recognition globally. In addition to a wide OEM customer base, Dynamatic also has a strong presence in the aftermarket and supports products originally designed many years ago.

Dynamatic's production facilities in Swindon employ cutting-edge technologies and modern machinery to manufacture highly engineered positive displacement Gear Pumps and Motors that are exported to USA, Europe as well as many Asian countries. The established production capacity is 3700 Gear Pump sections per week, with capabilities to scale up rapidly.

At Dynamatic, production is a vertically integrated process which commences with receipt of castings/raw materials, involves a significant portion of in-house manufacturing and is balanced by an active Indian supply chain.



Dynamatic Hydraulics™, UK, produces Aluminium Gear Pumps in two frame sizes, with displacements ranging from 5.1 to 45 cc/rev and a maximum operating pressure of 250 Bar depending on displacement.

For heavy duty applications, Dynamatic offers Cast Iron bodied Gear Pumps in two frame sizes, with displacements ranging from 14 to 63 cc/rev and a maximum operating pressure of 275 Bar depending on displacement.



Dynamatic Hydraulics™, UK, designs and manufactures a wide range of compact, light-weight Gear Motors to complement its Fan Drive System Packages. The Gear Motor offerings are available in three frame sizes with displacements ranging from 10 to 48cc/rev and deliver energy savings and reduced noise benefits to on and off road vehicle manufacturers.



Dynumatic Hydraulics™, UK, is certified to ISO 9001 standards and possesses industry relevant quality certifications. Its documented quality assurance system is certified by global major customers such as John Deere, CNH and Terex and the Company uses TS16949 to maintain its knowledge and skills standards & to improve customer relationships

The Dynumatic team of quality engineers have a well-balanced skill base including supplier development, lean manufacturing, 8D/5Y problem solving, continuous improvements, Failure Mode Effect Analysis (FMEA), Design Stage (DFMEA) and Production (PFMEA), capability studies to ensure that a given machine is capable of producing parts to specification in eventual series production and key manufacturing processes such as customer interfaces are monitored by statistical process control charts (SPC)

Dynumatic Hydraulics™, UK, has, over the past six decades, built up a cost-effective and qualitatively-superior vendor base which provides stability to the business.

Dynumatic is a repository of diverse technologies and has transformed itself into a knowledge-based organization through sustained Research and Development efforts. The Company's continuing focus on R&D has resulted in strong development initiatives that have enabled it to foray into providing new products and services, launching new products and enhancing product value to its customers.

The Dynumatic Engineering Laboratory in Swindon, UK, is completely electronic, utilising state-of-the-art parametric



3D design programmes and knowledge based systems for product performance, validation testing and prototype development. The Center employs well-experienced engineers with rich experience across diverse product domains, and is well equipped for prototype development.



Dynumatic Hydraulics™, India

Dynumatic Hydraulics™, India, produces a wide range of custom tailored Hydraulic Solutions extending from simple Hydraulic Pumping Units to complex Marine Power Packs and Aircraft Ground Support Systems to Turnkey Industrial Installations. The Company also supplies India's Defence Forces with the Hydraulic Transmission System including the Steering Control System, Turret Control System and Brake Actuating System for the Main Battle Tank.

Dynumatic's production facilities in Bangalore employ cutting-edge technologies and modern machinery to manufacture highly engineered positive displacement Gear Pumps, Motors and Hitch Control Valves that find application in Agricultural and Construction Equipment, Machine Tools, Mining and Drilling Equipment and in the Defence and Power Generation Sectors.

Dynumatic Hydraulics™, India, has an established production capacity of 750,000 Gear Pumps per annum, of which 20% is exported to USA, Canada, Korea, Europe and the Asian Countries. Close to 350 varieties of Aluminium and Cast Iron Gear Pumps are produced in four frame sizes, with displacements ranging from 1 to 116cc/rev and a maximum operating pressure of 250 Bar.



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