

Hi-Force is the UK's leading manufacturer and supplier of hydraulic tools, offering an extensive product range from cylinders, pumps, torque tools, bolt tensioners, jacks, nut splitters, puller kits, crimpers and Toughlift jacking systems. As a result, Hi-Force products and services are utilized in the oil & gas, mining, petrochemicals & refining, ship building & ship repair, aerospace, defense and heavy engineering industries, as well as the many thousands of industrial service company's supporting them. For the Company's regional operation in Southern Africa, the mining and oil & gas industry remains key target markets.

As the fastest growing hydraulic tools manufacturer in the world, Hi-Force remains totally committed to manufacturing products of the highest quality, using the best machinery available. The latest addition to the machine shop, which is housed within the head offices 50,000 sq. ft facility, is the Mori Seiki CNC SL603 lathe, which is capable of machining hydraulic cylinders up to 1000 tonnes capacity and 1200mm stroke.

The research, development and product design team, based at UK head office, are continually expanding and remain a key area of investment for the company, ensuring that products remain at the leading edge of hydraulic tool technology. Most recently, Hi-Force launched a new range of hydraulic torque wrench pumps, mechanical and pneumatic torque multipliers and spring return bolt tensioners.

The TPA and TPE range of Premium line torque wrench pumps, air and electric driven options have been created with speed, reliability and versatility in mind, complementing Hi-Force's existing range of bolting products. Its high speed 3-stage design provides a faster flow at mid-range pressure, enabling projects with demanding time constraints to be completed as safely and efficiently as possible. The pumps multi outlet 4-way design allows for four hydraulic torque wrenches to be used simultaneously providing an even compression of the critical leak sealing gasket on flange joint connections.

An automatically activated oil cooling heat exchanger, fitted on all electric models as standard, cools the pump and the hydraulic fluid; while the TPA air operated models incorporate an exhaust radiator located inside the oil reservoir which helps to keep oil temperature under control during high usage operations. This leading-edge range of torque wrench pumps has been designed to withstand the demands of operations in harsh environments, and the compact and rigid roll frame provides protection for the pump as well as a convenient means of maneuvering the pump onsite.

Hi-Force have considered ease of use and safety throughout design and manufacturing, incorporating features such as a 5 meter pendant cable which allows for considerable and safe distance between the pump and the bolting application. The lightweight aluminum reservoir, with a capacity of 7 litres, makes the TPA and TPE range one of the lightest hydraulic torque wrench pumps available in the market.

Both the TPA and TPE range are compatible for use with the TWS-N square drive and TWH-N low profile female hexagon design Hi-Force hydraulic torque wrenches.

For further information please visit www.hi-force.com