

Press release



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New range of air-driven pumps from SKF speeds up fitting of mechanical components

[SKF](#), the knowledge engineering company, has launched a new range of air-driven hydraulic pumps and oil injectors ([THAP series](#)) that speed up the mounting and dismounting of shrink fit mechanical components, such as couplings, bearings, flywheels, marine propellers and railway wheels, using the SKF oil injection method. The solution enables engineers to save valuable time and effort during maintenance and installation, boosting plant profitability and efficiency.

The new range is lightweight and combines portability with power compared to similar air-driven tools and hand-operated pumps and oil injectors, which results in considerable savings in time and effort. The solution weighs just 13.5 kg.

The SKF oil injection method is well proven as a simple, efficient and safe method for mounting and dismounting annular components across a wide range of industry sectors. To suit these varied applications, the new range consists of four tools with hydraulic output pressures varying from 30 MPa to 400 MPa (4,350 – 58,000 psi). Thick hydraulic fluids up to 900 mm²/s, which are typically used with the SKF oil injection method, can be efficiently handled by the range.

To suit the varied fields of use, a comprehensive range of accessories including high pressure pipes, connectors, adapters and pressure gauges complement the new air-driven hydraulic pumps and oil injectors. THAP series pumps and injectors are also available to order as sets, which are supplied complete with the appropriate accessories for the item supplied.



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SKF is a leading global supplier of bearings, seals, mechatronics, lubrication systems and services which include technical support, maintenance and reliability services, engineering consulting and training. SKF is represented in more than 130 countries and has 15,000 distributor locations worldwide. Annual sales in 2011 were SEK 66,216 million and the number of employees was 46,039. www.skf.co.uk

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