

ESA announces for this quarter our new sales partner, AVENTICS UK.

AVENTICS is one of the world’s leading manufacturers of pneumatic components, systems, and customer-specific applications. The pneumatic engineering company provides products and services for industrial automation, additionally focusing on the sectors of commercial vehicles, food and beverage, railway technology, life sciences, energy, and marine technology. By integrating electronics, the use of innovative materials and prioritizing trends such as machine safety and the Internet of Things, AVENTICS is a pioneer in intelligent and easy-to-use solutions. AVENTICS comes via the merger of Bosch Automation with Mannesmann AG, then the creation of the independent pneumatics entity to form AVENTICS GmbH.



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With the continuing FIBRO sales growth in the UK market for position rotary turntables they launch *FIBROTOR RT.0750*

Efficient ring rotary table for use in sophisticated, high-performance machines. Modern, highly efficient assembly plants for the automotive, electronics and consumer goods industries require precise and process-safe drive components that are also economical whilst offering sufficient space for creative drive concepts. The FIBRO answer to these customer requirements is the new ring rotary table FIBROTOR RT.0750.



This new FIBRO product has a clever bearing concept that leads to the maximum tipping moment being doubled and the permissible charging tripled without increasing the investment costs for the rotary table. In size RT.0750 (inner diameter of 440 mm), the maximum permissible values of the axial force lie at 5,000 N, the radial force at 8,000 N and the tipping moment at 2,250 Nm. For applications that do not fully utilise these maximum values, the robust bearing pays off in the form of an extended operating life. The operating life amounts to 20,000 hours MTTF (Mean Time To Failure).

New Wheel-Bolt Multi Supplied

We were instructed to produce two new wheel bolt multi-spindle tightening units for a large vehicle manufacturer in Solihull. These were vastly improved on the previous units supplied way back in 2004. Due to fact they were still heavily in use we were approached again to supply more.

Features included:

- Automatic height and Tilt to suit different models via VIN number
- Repeatability of the operation via encoder position monitoring
- Wheel clamping and automatic bolt rundown (operator not required)
- Automatic retract when tightening complete
- Lightweight Construction



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Other interesting works recently supplied by ESA



New line side bespoke crank shaft trolleys for a large engine manufacturer client.



Turbo compressor wheel Induction heater, heating of the bore for shaft pressing.



Fuel Tank Assembly station for road sweeper engines.

Contact us on 0151 480 1155, or email sales@esa-uk.co.uk



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