



TESEO

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TESEO vacuum system is best-on-test for Vuototecnica

The Teseo modular aluminium pipework system is recognised as the premier delivery method for compressed air capacity and the same high quality, smooth bore pipework with Dual-O ring sealing is ideal for vacuum operations. Vacuum is used in many assembly and palletized loading operations especially where robotic systems are employed.

Europe's leading vacuum specialist, Vuototecnica, has employed Teseo materials to build the vacuum networks in their Octopus materials handling system and turned again to Teseo to expand their test and quality audit operations. Teseo manifolds have been integrated into a new test laboratory to check the performance of vacuum cups, vacuum pumps, vacuum generators and vacuum gauges produced to customers' specification.

Selecting Teseo products for test and analysis operations shows that the quality and competence of the Teseo materials is second to none. "Internal tests are critical to prove the effectiveness of our products to customers, therefore we must have the connections and vacuum performance that only Teseo can deliver", says Adam Cogliati, Quality Manager at Vuototecnica.

Teseo HBS 32 and HBS 80 aluminium tubing sections have coupled the Teseo manifolds to provide test capability to test vacuum cups for grip test, achieving vacuum values of -960 mbar (-96kPa).

Engineer Cogliati continues: "We selected the Teseo system because it stands out from other types of piping for a number of innovative features.

Teseo modular systems are convenient and versatile, enabling easy and quick line modifications; this is essential to adapt our test benches to ever-changing needs, adding connections as required. Another key factor is the high-tech look of the Teseo piping which conveys the image of an elegant, modern and functional product".

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Vuototecnica Vacuum

The Teseo modular aluminium pipework system for the delivery transfer of compressed air, inert gases, fluids and vacuums, features smooth bore, lightweight aluminium extrusions for increased flow and lower pressure drop. A comprehensive range of connectors and adaptors makes the Teseo system the most versatile for fast and efficient installation and subsequent alterations without major down-time. System assembly does not require any threading, welding or painting and the four flat surfaces of the pipework enables easy and safe fixing. Perfect Dual O-ring sealing eliminates air leaks reducing wasteful energy costs. The Teseo product range carries a 20 year warranty.

