

PIONEERS OF INNOVATION



TESEO[®]
www.teseoair.com

FLUID POWER DISTRIBUTION SYSTEMS

WHERE THE FUTURE OF COMPRESSED AIR BEGINS



MADE IN ITALY



In 1988, TESEO created a market by inventing, designing, and introducing to industries worldwide innovative modular aluminium piping systems for the distribution of compressed air and pressurised technical fluids. These revolutionary systems, carefully engineered and manufactured in Italy, were designed to be quick to install, long-lasting, and efficient over time – all with a focus on economic, energy, and environmental sustainability. Since then, TESEO has continued to innovate and develop bespoke solutions for its customers, while constantly updating its range of systems for compressed air and technical fluid distribution.

The aim: to be a solid and dependable partner from the compressor room right through to the point of use at the machine or workstation – with the experience and know-how that only the inventor of the product can offer.

Why choose a TESEO System?



TESEO systems

TRADITIONAL systems



Hidden costs (poor air quality, modification difficulties, leaks, and low efficiency)



Labour costs



Material costs



- Reduced energy costs
- Extended air tool life
- Modern, ergonomic and attractive design
- Low modification costs
- For compressed air, vacuum, nitrogen, argon, carbon dioxide, oils and technical fluids



HBS - HOLLOW BAR SYSTEM

Reliable and environmentally friendly, it is the world's first extruded aluminium hollow bar modular system. Thanks to its quick-fit plates and outlet blocks, the entire piping installation can be easily and safely modified or extended at any time.

APS - ALUMINIUM PIPING SYSTEM

An innovative, modular aluminium system with a durable, intuitive and easy-to-install design, inspired by the mechanical dovetail joint.



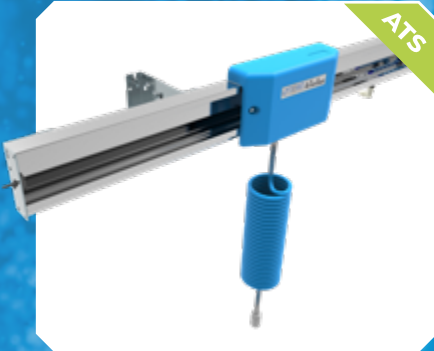
MPS - MULTIFLUID PIPING SYSTEM - 25 BAR

Also ideal for transporting incompressible fluids – such as mineral and synthetic oils, or coolant-lubricant fluids – at a working pressure of 25 bar (360 psi). A wide range of dedicated accessories is available to complete the system.

TESEO offers 100% customisable modular piping systems in natural or anodised aluminium, available in various colours. In addition, TESEO can supply a wide range of special versions on request for various industrial applications.

ERGONOMIC CUSTOMISATION AND LEAN MANUFACTURING

In addition to its modular aluminium piping systems, TESEO offers a range of ergonomic products that integrate seamlessly with each other and with the piping, delivering a fully customised and accessorised solution — from the compressor room to the final point of use — while helping to reduce both costs and installation time.



ATS - Air & Electric Track Supply

ATS is a supply system that can be mounted on walls, columns or machinery. It features a rail along which a trolley slides freely, equipped with outlets for compressed air and/or electricity, and a hook for tool support. The system provides continuous access to fluid and electrical energy along the entire length of the rail.

SAB - Swinging Arm Bracket

The SAB swinging arm brackets are designed to supply compressed air and/or electricity from above, supporting pneumatic tools across circular or semi-circular working areas. By combining rotational and translational movement, they enable coverage of wide work surfaces. Each configuration can be tailored to meet specific customer requirements.



WBA - Pressurised Workbenches

WBA (Workbench for Assembly) units are equipped for operations using pneumatic and/or electric tools, thanks to one or more structural elements designed to be pressurised. The benches can also support the ATS and AMS systems, enabling a fully integrated workstation. Designed and supplied by TESEO, they are available in various ready-to-use models or can be 100% custom-configured to suit the customer's specific assembly needs.

AMS - Aluminium Modular Manifold System

The AMS is a revolutionary range of modular manifolds, ideally suited (though not limited) to use on automatic machines to supply various servomechanisms, or on injection moulding and die-casting machines to cool the moulds. Thanks to their high degree of modularity, TESEO's Technical Department can design and develop special custom manifolds, delivered to the customer pre-assembled and ready for installation.



DCS - Drop Column System

TESEO's Drop Column Systems stand out for their flexibility: they can be installed at any time, even after the main system is in place. Each column is custom-designed based on specific requirements and can be equipped with modular manifolds, making it ideal for supplying either a single machine or a complete workstation. Every drop manifold can be engineered by TESEO's Technical Department and delivered pre-assembled, complete with all necessary outlets and fittings.

MTS - Modular Trolley System

The MTS is a range of ergonomic solutions designed to deliver compressed air and/or electricity, data cables, and ergonomic support for tools, screens, and in-line devices along the entire production line. The mobile unit, which is fully customisable and supplied pre-assembled, runs along the HBS 50 pipe, which functions both as a rail and a compressed air duct. Ideal for lean manufacturing environments, MTS helps optimise workspace efficiency and operator ergonomics.





**ECO-FRIENDLY
RECYCLABLE
WASTE-FREE**



**EASY AND QUICK
TO INSTALL
PLUG & PLAY**



**ZERO LEAKAGE
ENERGY-EFFICIENT**



**LOW COSTS
OPTIMISED COSTS**



**LONG-LASTING
DURABLE
LIFETIME WARRANTY**



**LIGHTWEIGHT
ROBUST
HIGH PERFORMANCE**



**DESIGN
CONSULTANCY
HIGH-TECH ENGINEERING**



**HIGH
ENERGY-SAVINGS**

plus+

DESIGN AND QUALITY

All TESEO products are designed to meet a wide range of applications and industry needs. They provide fluid and electrical power from above, eliminating the clutter of floor-mounted piping that often hinders operators. In line with circular economy principles, TESEO systems help reduce waste and additional costs thanks to the use of aluminium – a naturally sustainable material – and the modularity of the components, which allows existing installations to be modified or expanded over time without generating waste.

The unique design of TESEO piping, combining a smooth internal bore typical of high-performance systems with a structural profile, makes it possible to create configurations and solutions that would be unthinkable with traditional systems.

This is backed by TESEO's technical team, offering consultancy and design services with a focus on workplace safety, energy efficiency and both environmental and economic sustainability. Every TESEO system is a tailor-made project – the result of passionate design, research and development – at the heart of a historic Italian Company that has made its mark on industrial design, revolutionising the way fluid distribution and compressed air systems are conceived.

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