

SMART COMPRESSED
AIR SYSTEMS

"PLUG & PLAY" FLOW METER

With this new device, equipped with VP Instruments latest generation technology, Teseo's compressed air distribution systems will be able to provide real-time information about their critical parameters.



The probe, installed on Teseo's system is able to measure flow rate, temperature and pressure.

The collected data will help evaluating the performance of the system.



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A new breath.

Since 1988

COMPRESSED AIR MANAGEMENT

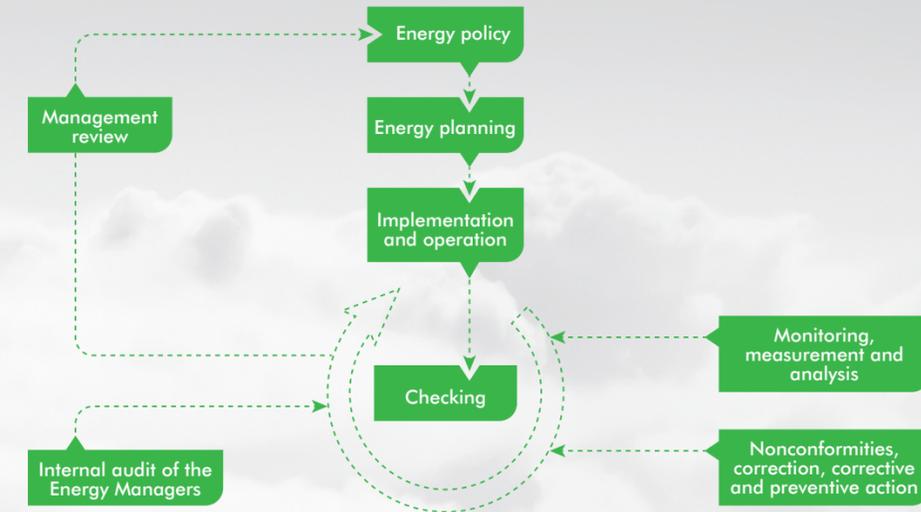
Today all manufacturing plants all over the planet are challenged to reduce energy consumption, improve efficiency, reduce CO2 emissions, all this striving to maintain a competitive edge in a very aggressive market.

International organizations and notified bodies are developing specific protocols and certifications for the Energy Management, such as ISO 50001.

Among all energy costs for a company, compressed air is one of the most important but it is often also one of the most neglected, underestimated and wasted through leaks.

Recently a new standard for compressed air audits has been released (ISO 11011) compelling plant engineers, energy managers and air specialists to consider the entire system (generation, distribution, point of use) to assess its efficiency.

ISO 50001 APPROACH TO ENERGY MANAGEMENT

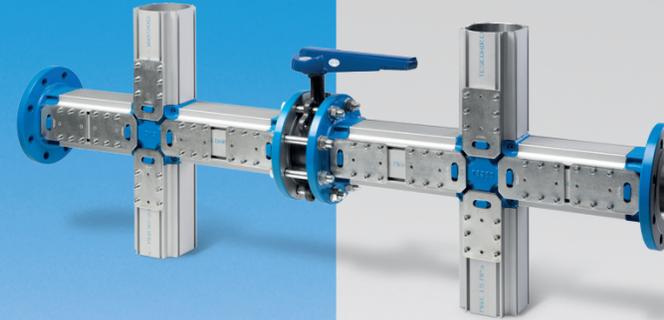


Teseo supports the companies involved in this challenge offering:

- an internal design service for the development of energy saving systems and projects;
- aluminium pipes and fittings with double O-ring designed, manufactured and tested according to the highest quality and energy saving standards;
- measuring and monitoring instruments;
- a network of subsidiaries, distributors and competent technical partners capable of assisting the most demanding customers.

HBS SYSTEM

A new set of accessories for compressor rooms and more efficient piping systems. Thanks to the new aluminium fittings, it is possible to create a more compact bypass for both new installations and the refurbishment of old systems.



New cross joint for space saving bypass in the compressor room and ring main distribution.



New flanged adapter for butterfly valves, air receivers, filters and dryers.

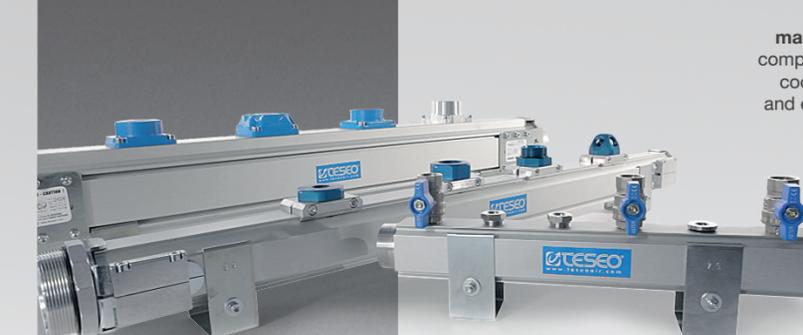


New 45° elbow to simplify any adjustment, off-set and level change.

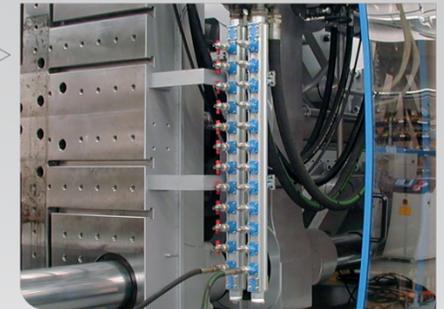


MODULAR MANIFOLDS

The new modular manifolds, obtained from AP54 special profile, complete an already wide range of available diameters, accessories and solutions.



Modular manifolds for compressed air, cooling fluids and emulsions.



Machine builders and OEM like robustness, space saving and modularity.



CAD LIBRARY

Plant designers, engineering firms and machine builders can now access a complete 3D CAD library.

AP and HBS profiles, fittings and accessories are all readily available for creating a modular manifold or a special drop in a few clicks.

