

FLUID POWER DISTRIBUTION SYSTEMS

Since 1988

PAYBACK IN LESS THAN 2 YEARS!!



**COMPRESSED AIR PIPING SYSTEMS
WITH THE LOWEST COST OF OWNERSHIP!**



TESEO SRL

Via degli Oleandri, 1

25015 Desenzano del Garda (BS) - Italia

Tel. +39 030 915 0411 - Fax +39 030 915 0419

www.teseoair.com - teseo@teseair.com

SOME TIPS FROM OUR DESIGN EXPERTS

Compressed air is expensive: don't waste it!
Compressed air is 8 to 10 times more expensive than electricity

Some good general practices...

Prevent and reduce leaks

In a conventional piping system leaks may waste 20-40% of your compressed air. Routinely check your system for leaks.

Reduce air pressure

Reducing the pressure in your system of 1 bar (15 psi) will lead to 7% saving on your annual energy consumption.

Feed compressors with cool air

With 3°C cooler intake air, compressor will save 1% energy to reach the desired working pressure.

Disconnect!

A manual or motorized isolation valve may reduce considerably your electricity bill: stop feeding air leaks or machines in idle mode.

Avoid inappropriate use

Check the efficiency of compressed air used for cooling, agitating, mixing or inflating in your factory.

Good tips for your next investment

Make the right choice

You may change your compressor or dryer in future, but your compressed air piping is a fixed utility in your plant.

USE QUALITY PRODUCTS

Original quality piping system will assure reliable performance and expected safety standards in your factory.

Choose the right size

The right engineering & sizing of the system is fundamental to save energy, potentially more than any other practice.

Install a leak free system

Modular systems with positive seals will perform better than any threaded conventional tubing.

Don't focus on initial cost

The cost of components is only a small part of the total investment. Choose systems with the lowest cost of ownership!

COMPRESSED AIR LIFETIME COSTS



- **MONEY SAVED:** saving due to correct sizing and engineering, optimised working pressure and choice of high quality product.
- **LEAKAGE:** cost of air leaks and inappropriate use of compressed air during the lifetime of the system.
- **ELECTRICITY:** cost of electricity to feed the air compressor.
- **INSTALLATION:** cost of labour for installing the system, for extensions and modifications, for ordinary maintenance.
- **MATERIAL:** cost of pipes and fittings for assembling the system.
- **MAINTENANCE:** cost for running ordinary maintenance of the machines generating compressed air.
- **GENERATION:** cost of machines for generating compressed air (including compressor, receiver, dryer, filters).