

Press release

Working safely and efficiently with compressed air

10 August 2015 – Alongside electricity, compressed air is the most widely usable form of energy and the most commonly used energy source in modern manufacturing. It is the power source behind various types of tools and machines, carrying out important functions such as cleaning, drying, cooling, transporting or sorting. In many applications, however, compressed air is not used effectively or safely. In a specialist report, the swepro Group explains what businesses need to consider to ensure compressed air is used correctly.

Blowing using compressed air is common in industry. If industrial processes require blowing activities, this often involves installing an ordinary pipe with dimensions varying between 2 millimetres and 32 millimetres. The open pipe is formed and bent into shape to create the desired blowing angle and the required blowing pattern. In most cases, such installations do function but have some drawbacks such as severe turbulence, extremely high energy consumption, as well as potential health hazards. As an expert in modern compressed air technology, the swepro Group understands the problems across the various sectors and explains how to deal with compressed air correctly in a specialist report.

Each blowing application requires an individual compressed air solution

To minimise costs and increase safety in production processes, industrial firms should consider several factors when using compressed air. The application, required blowing force, blowing pattern, and material of the compressed air equipment used is of significant importance when choosing the right compressed air solution. Generally, compressed air nozzles, safety air guns and safety silencers can be used for most industrial applications. As the exclusive partner of Silvent AB Sweden, the swepro Group offers the world's widest range of compressed air equipment. Marc Kunkel, project manager at the swepro Group, understands the problems that arise when using compressed air: "Many industrial companies do not tackle the consequences and dangers of compressed air in their operations. Choosing the right compressed air solution is however essential for manufacturing processes to operate efficiently, quietly, safely and, not least, economically. Each blowing application is unique and should be treated as such."

Improving noise protection, safety at work and operating costs

Cost efficiency, noise protection and operational safety are important factors when using compressed air correctly. Measures to improve the way compressed air is used are therefore becoming ever more important for both companies and authorities. Since compressed air stores large amounts of energy under high pressure, this can be dangerous if it is not handled correctly. In its specialist report, the swepro Group list various ways of improving noise protection, safety at work and operating costs when using compressed air applications. Many industrial firms have already taken long-term measures to improve how they work with compressed air thanks to the expertise of swepro.

The full specialist report can be downloaded using this link:

<https://www.swepro.com/download.php?country=de&language=de&download=4&type=2&datei=72.pdf>

About the swepro Group:

swepro has been a specialised supplier of pneumatic technology in Europe for over 30 years. As the exclusive partner of SILVENT AB, Sweden, the Neuss-based company is in a position to deliver modern, safe and efficient products as well as intensive customer support. Moreover, swepro also offers its customers tailored product solutions in addition to its extensive standard range. All swepro products stand out thanks to their long service life, low maintenance and superior operational safety.

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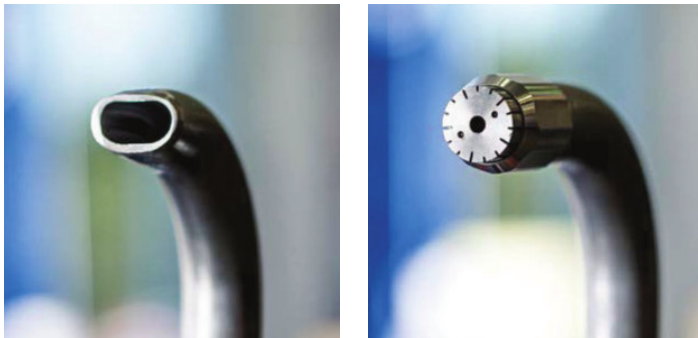
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Attached:

Comparison: Open pipe vs. pipe with compressed air nozzle



Application image: A modern safety air gun used in the industry

