


COMPRESSED AIR

Use in industry



Important information
about blowing-off with com-
pressed air in an industrial
environment.










FACTS

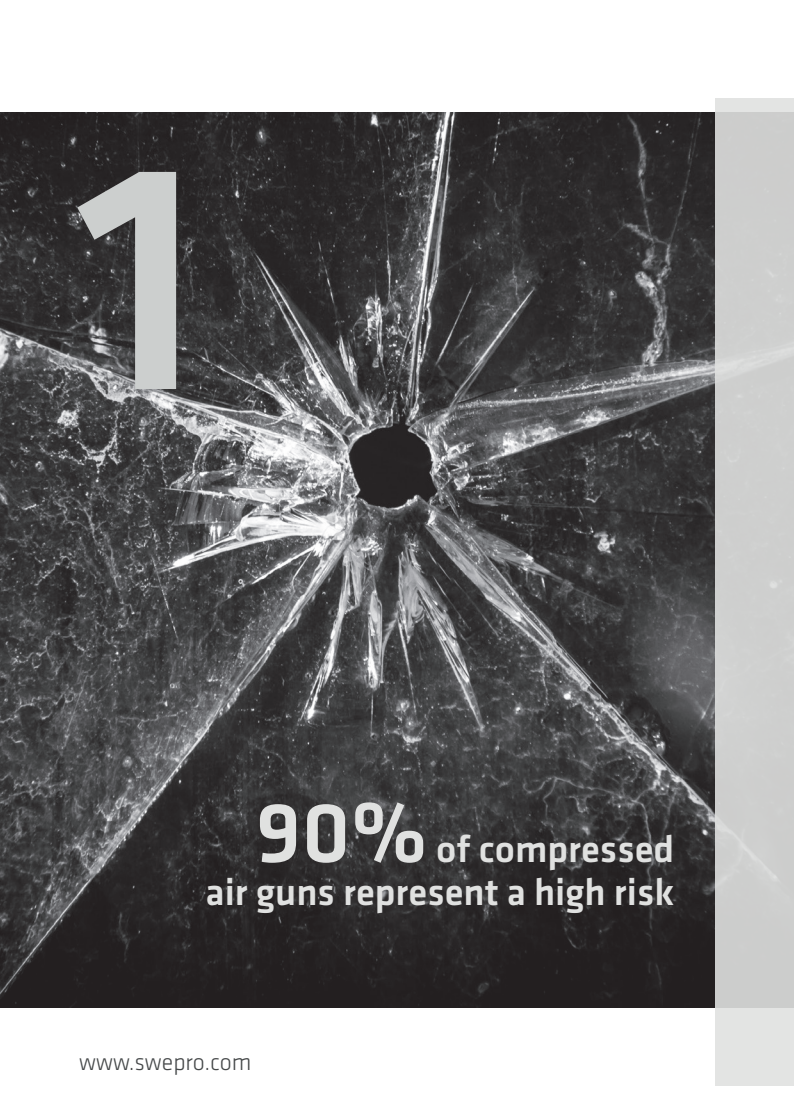
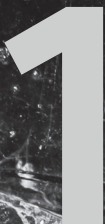
You should know this

Compressed air is used in for a wide range of industrial applications. For example, compressed air is often used to blow off and clean products, parts and components. This brochure provides an overview of the savings potential, existing risks and the correct handling of compressed air for blow-off.

CONTENT

Overview

-  Risk
-  Costs
-  Noise
-  Service
-  Solution
-  Application
-  Sight



90% of compressed
air guns represent a high risk

RISK

Many compressed air guns are not safe

Compressed air guns apply a very high pressure on a limited area. This is important for blowing off components. If an air jet accidentally penetrates the skin, air can enter the human vascular system. A air embolism can be fatal to the user. swepro offers a wide range of safety air pistols that protect against these dangers. Safety air guns distribute the air pressure by deflecting the air in case of a blockage. The skin is not injured. The safety guns comply with OSHA specifications of 2.1 bar on a 2 mm² test area.

Our recommendation

Using a suitable measuring device, you can check for yourself whether your air gun comply with OSHA regulations. Are you unsure whether you are complying with all government regulations? We would be happy to check your existing air gun and advise you.

[Product picture r.: OSHA meter, art.no. 794000]



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COSTS

Compressed air is very expensive

Air is available and free. Unfortunately this does not apply to compressed air. The production of compressed air is associated with a high energy input. If this energy is not produced with an in-house solar system, the use of compressed air is very expensive.

Our recommendation

With our nozzles you can reduce air consumption by up to 50% without losing blowing performance. Our nozzles even use the circulating air and are more powerful. Your swepro customer service representative will be pleased to prepare a cost comparison calculation and an individual amortisation calculation for you.



**Do you know the
actual costs of
compressed air?**



3

Noise makes you sick.

NOISE

Your hearing never forgets

Noise does not directly cause pain, but in the long term noise damages hearing in most cases. In addition to the decreasing well-being of the employees, it can lead to symptoms such as tinnitus. Illness-related absences and even incapacity to work are associated with high costs. 70 - 80 percent of all hearing damage in industry can be attributed to the use of compressed air. The parts of the hearing that were once destroyed can never be healed again.

Our recommendation

Our compressed air pistols and compressed air nozzles reduce the noise level by 8 - 10 dB(A). This is perceived by human hearing as a reduction of 50%. Prevent hearing damage with our products.



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**Powerful compressed air
operation goes quietly.**



PERFORMANCE

Noise says nothing about performance

Noisy machines and devices are often associated with high performance. A fatal misjudgement. This is the reason why loud tools and machines are used particularly often in companies. In the short term the noise reduces the well-being at the workplace. In the long term, the noise leads to irreversible damage to the health of the employees. Noise is much more a sign of inefficiently used energy, which is discharged in the form of noise.

Our recommendation

Think about the health of your employees, your finances and use high performance and noise reduced products. swepro's compressed air nozzles and compressed air guns fulfil both criteria thanks to patented technologies.,





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**Cheap solutions are
ineffective, dangerous & expensive.**

SOLUTIONS

High price for cheap solutions

If homemade blow-off system or cheap compressed air guns - the quick and easy solutions are tempting at first glance. But there are three reasons against these „solutions“. They are dangerous, ineffective and therefore expensive. They often do not meet the official safety regulations, which increases the risk of injury from the systems. Expensive compressed air is wasted if the air jet is not directed in the right direction. In addition, the blow-off result is often unsatisfactory.

Our recommendation

Use our experience, our know-how and our technologies to find long-term, safe, effective and economical solutions. Our technical adviser will support you on the phone and also at your site.



**Compressed air guns must be suitable
for the application**

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APPLICATIONS

There is a suitable compressed air gun for every application

Compressed air guns are used in the most diverse applications. A critical examination of the used compressed air guns is useful to optimize the blow-off result and minimize the compressed air costs. Blowing pattern and performance should always be adapted to the respective application. The same applies to the use of compressed air nozzles.

Our recommendation

We would be pleased to advise you which compressed air guns and compressed air nozzles are suitable for your specific application.



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**Small shavings and splinters
can have big consequences.**

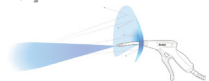
SIGHT

An important sense

Our eyes are a very important and at the same time extremely sensitive organ. Flying particles are a considerable source of danger for our sight. Dust and shavings are whirled through the air, especially when they are blown off. Safety glasses offer a first protection. However, if these are forgotten, the eyes are exposed to the particles without protection.

Our recommendation

In order to prevent particles from getting near the face and sensitive eyes, swepro offers protective shields for safety air guns as well as special safety air guns equipped with air shields. [Product picture r.: Pro One AS, art.no. 721201]





TRIAL

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You may test virtually all of our products for 14 days under realistic conditions in your production facilities, without obligation.

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Free trial agreement

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Convince yourself of our products for 14 days.

Collection

We will collect the products again, free of charge.





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