





# SAFETY AIR GUNS

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# APPLICATIONS

Different applications require different safety air guns

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- ② **SILVENT 007-L**  
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- ③ **SILVENT 59002W**  
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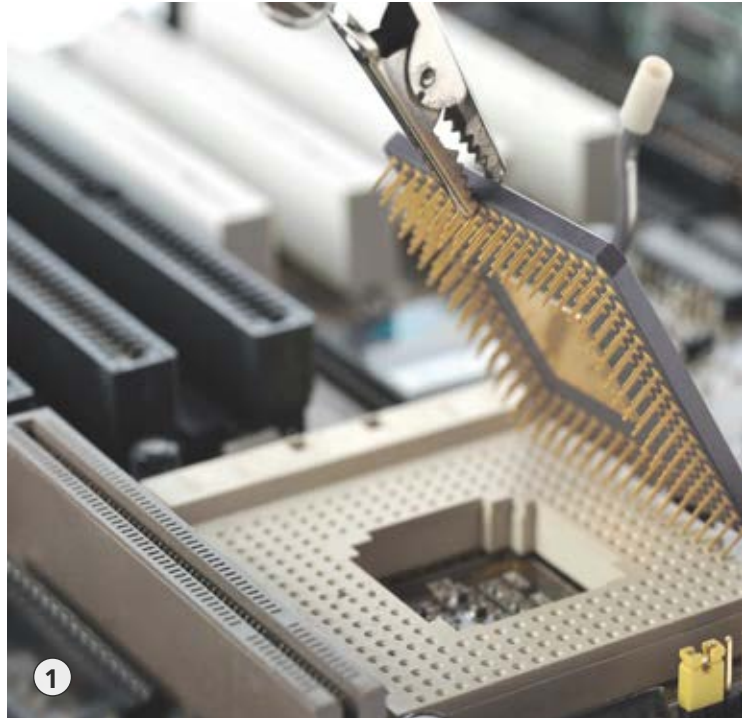
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Cleaning of small parts – SILVENT 007-MJ4



General blowing – SILVENT 007-L



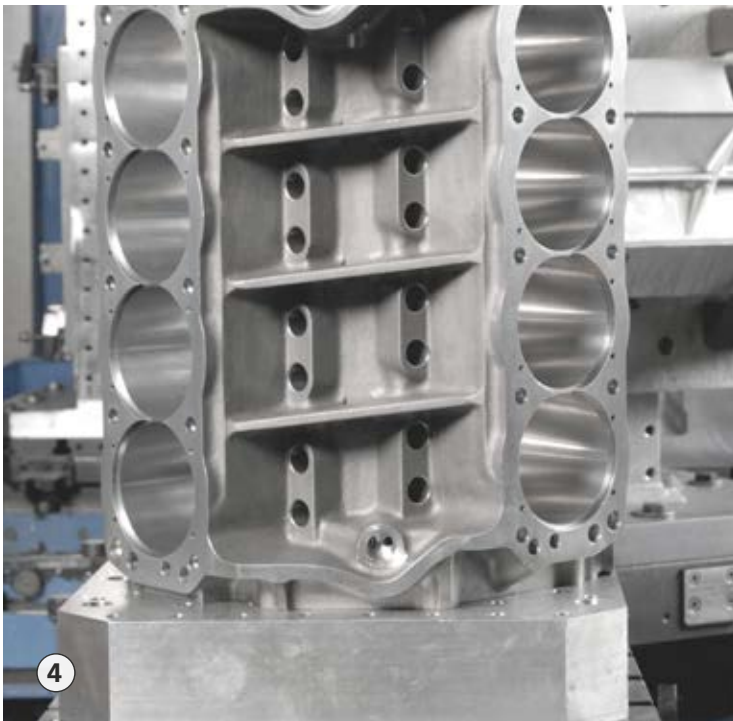
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Cleaning of larger objects – SILVENT 59002W



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# PRODUCT OVERVIEW



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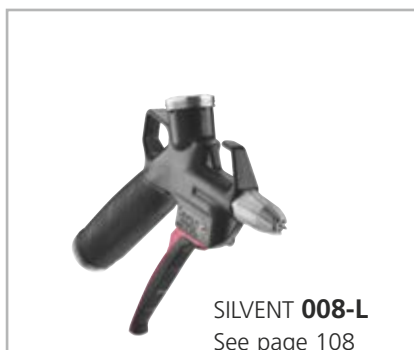
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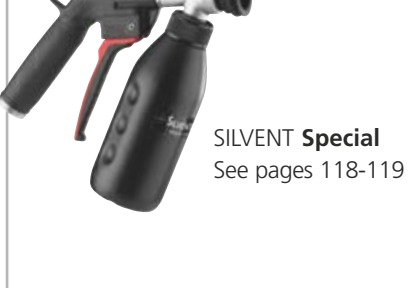
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◀ **New!**

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◀ **New!**

**SILVENT 59002W-H**  
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## Safety air gun with entirely unique advantages

**SILVENT 007-L** with a Laval nozzle is the most commonly chosen alternative. A stainless steel Laval nozzle mounted onto the 007 grip handles nearly any blowing application. A Laval orifice in the center of the nozzle creates a highly concentrated air stream that moves at supersonic speed. Around the Laval hole there are a number of diverging slots that generate a powerful, quiet and laminar airflow. The combination provides superior cleaning performance and optimal utilization of the compressed air. Fins prevent direct contact between skin and the outlet holes. Fully complies with OSHA safety regulations and EU Machine Directive noise limitations. Patented.

**1 TWO-STEP SYSTEM** The 007 grip features a unique valve design with a two-step system that considerably reduces both noise levels and energy consumption. The first step, variable position, allows variable adjustment of the blowing force and is more than adequate for most types of work. It generates a low sound level and permits energy savings of up to 50%. The gun's second step, the "booster position", delivers twice the blowing force for the most demanding operation.

**2 TOP & BOTTOM CONNECTION** The grip offers two connection possibilities – both top and bottom air supply connection. From the viewpoint of safety, as well as ergonomics, top connection is the best alternative. Safety valves at the connections eliminate the risk of injury.

**3 SOFTGRIP HANDLE** The 007 safety gun has an ergonomically designed Softgrip handle of synthetic rubber that is highly durable and oil resistant. The material insulates well against heat and cold, and the handle is easy on the hand and wrist.

### Order no: **007-L**

Replace open pipe Ø	4 mm	(5/32")
<b>Booster position:</b>		
Blowing force	3.5 N	(12.4 oz)
Air consumption	22 Nm <sup>3</sup> /h	(12.9 scfm)
Sound level	82 dB(A)	
<b>Variable position:</b>		
Blowing force	1.6 N	(5.6 oz)
Air consumption	11 Nm <sup>3</sup> /h	(6.5 scfm)
Sound level	75 dB(A)	
Blowing pattern	Laval	
Connection	G 1/4"	1/4"-18 NPT
Nozzle	1001	
Material (nozzle)	Stainless steel	

**3.5 N**  
**12.4 oz**

**LAVAL**

**STAINLESS**

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction **60%** Air/cost savings **27%**

## Extension pipes in 6 lengths

standard - 100 mm (4")



Our 007 safety air gun series is available with six different extension pipe lengths. The pipes are made of galvanized steel. When ordering safety guns with extension pipes that are longer than 100 mm (4"), specify the pipe length last in the order number. Safety gun-extension pipe length: e.g. **007-L-1000**.

### ALTERNATIVES



Order no: **007-S**



Order no: **007-Z**

### ACCESSORIES



Order no: **590**



Order no: **AS1**



### TRY IT YOURSELF!

**Do you have air guns that are dangerous for the users? Do you have equipment to test your air guns?** SILVENT OSH contains an "OSHA meter" that shows whether your air guns are dangerous for the user. Every production facility that prioritizes workplace health and safety should have an OSHA meter.



Order no: **OSH**



## SAFETY AIR GUNS

AVS

**SILVENT 007-P:** with a PEEK nozzle that prevents unnecessary scratching. The PEEK nozzle has been specially developed for sensitive applications where expensive tools and machines absolutely may not be damaged. The nozzle is fitted on a flexible PA 12 pipe that provides additional protection against scratches caused by mechanical impact. PEEK is a unique plastic material with properties that meet the rigorous quality and safety requirements of, for example, the aerospace industry. It is extremely impact resistant and is capable of handling aggressive chemical environments, strong cutting fluids and temperatures of up to 260°C (500°F). The nozzle is designed with a central hole that generates a concentrated air stream. At the same time, the sound level is low and air consumption is reduced. The PEEK guns are available with three different extension pipe lengths. Fully complies with OSHA safety regulations and EU Machine Directive noise limitations.



007-P

Order no: **007-P**

Replace open pipe Ø	4 mm	(5/32")	
<b>Booster position:</b>			
Blowing force	2.4 N	(8.5 oz)	
Air consumption	14 Nm <sup>3</sup> /h	(8.2 scfm)	
Sound level	79 dB(A)		
<b>Variable position:</b>			
Blowing force	1.8 N	(6.4 oz)	
Air consumption	11 Nm <sup>3</sup> /h	(6.5 scfm)	
Sound level	79 dB(A)		
Blowing pattern	Concentrated		
Connection	G 1/4"	1/4"-18 NPT	
Nozzle	8001		
Material (nozzle)	PEEK		

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction

**67%**

Air/cost savings

**53%**

### EXTENSION PIPES IN 3 LENGTHS

- standard - 100 mm (4")
- 250 mm (10")
- 500 mm (20")

PEEK guns are available with three different extension pipe lengths. When ordering safety guns with longer pipes than standard, specify the length last in the order number. Safety gun-extension pipe length, e.g **007-P-250**.

### ALTERNATIVES



◀ **New!**

Order no: **007-R**

### ACCESSORIES



Order no: **590**



Order no: **AS1**



007-MJ4

**SILVENT 007-MJ4:** with a micro-nozzle for high precision and low energy consumption. By combining the 007 grip's valve construction and a stainless steel micro-nozzle, you can blow exactly the amount of air required. A central hole in combination with surrounding slots makes the nozzle extremely efficient and quiet. Compared with conventional air guns without a nozzle, a SILVENT micro-nozzle permits you to reduce compressed air consumption by up to 75% and, at the same time, keep the noise level under 76 dB(A). The blowing force is approx. 25% of that of a standard gun. Meets the noise limitation requirements of the EU Machine Directive. Patented.

**EXTENSION PIPES IN 6 LENGTHS**

- standard - 100 mm (4")
- 250 mm (10")
- 400 mm (16")
- 600 mm (24")
- 800 mm (32")
- 1000 mm (40")

Our 007 safety air gun series is available with six different extension pipe lengths. The pipes are made of galvanized steel. When ordering safety guns with extension pipes that are longer than 100 mm (4"), specify the pipe length last in the order number. Safety gun-extension pipe length: e.g. **007-MJ4-1000**.

Order no: **007-MJ4**

Replace open pipe Ø	2 mm	(5/64")	<b>0.9 N</b> <b>3.2 oz</b>
<b>Booster position:</b>			
Blowing force	0.9 N	(3.2 oz)	<b>CONC.</b>
Air consumption	4 Nm <sup>3</sup> /h	(2.4 scfm)	
Sound level	76 dB(A)		<b>STAIN-LESS</b>
<b>Variable position:</b>			
Blowing force	0.9 N	(3.2 oz)	
Air consumption	4 Nm <sup>3</sup> /h	(2.4 scfm)	
Sound level	76 dB(A)		
Blowing pattern	Concentrated		
Connection	G 1/4"	1/4"-18 NPT	
Nozzle	MJ4		
Material (nozzle)	Stainless steel		

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction	<b>43%</b>	Air/cost savings	<b>50%</b>
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**ALTERNATIVES**



Order no: **007-MJ5**



Order no: **007-MJ6**

**ACCESSORIES**



Order no: **590**



Order no: **AS1**

## SAFETY AIR GUNS

**SILVENT 008-L:** fitted with a new generation of zinc Laval nozzle. A mix of divergent slots and holes surround the central Laval orifice, providing quiet, powerful and laminar air flow. This safety air gun is especially suitable for sweeping large areas or general-purpose cleaning of parts and machines. The fin design of the nozzle prevents direct contact with skin. Fully complies with the noise limitations of the EU Machine Directive and OSHA safety standards. Patented.



008-L

Order no: **008-L**

Replace open pipe Ø	4 mm	(5/32")	<b>2.9 N</b> <b>10.2 oz</b>
<b>Booster position:</b>			
Blowing force	2.9 N	(10.2 oz)	<b>LAVAL</b>
Air consumption	15.2 Nm <sup>3</sup> /h	(8.9 scfm)	
Sound level	77.5 dB(A)		<b>ZINC</b>
<b>Variable position:</b>			
Blowing force	1.6 N	(5.6 oz)	
Air consumption	11 Nm <sup>3</sup> /h	(6.5 scfm)	
Sound level	75 dB(A)		
Blowing pattern	Laval		
Connection	G 1/4"	1/4"-18 NPT	
Nozzle	2120 L		
Material (nozzle)	Zinc		

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction

**69%**

Air/cost savings

**50%**

### ALTERNATIVES



Order no: **008-L-S**



Order no: **008**

### ACCESSORIES



Order no: **591**

## SAFETY AIR GUNS



**SILVENT 0971:** fitted with a small flat nozzle of stainless steel, providing very special characteristics that are perfect when you want to blow with a somewhat narrower air stream. Capable of withstanding excessive mechanical wear and suitable for use in most environments. The 0971 safety gun offers the same advantages as the other 007 guns - including variable and booster positions, top and bottom connection with safety valves and a Softgrip handle. Fully complies with OSHA safety regulations and EU Machine Directive noise limitations. Patented.

### Order no: **0971**

Replace open pipe Ø	4 mm	(5/32")	
<b>Booster position:</b>			
Blowing force	3.3 N	(11.6 oz)	
Air consumption	19 Nm <sup>3</sup> /h	(11.2 scfm)	
Sound level	81 dB(A)		
<b>Variable position:</b>			
Blowing force	1.6 N	(5.6 oz)	
Air consumption	11 Nm <sup>3</sup> /h	(6.5 scfm)	
Sound level	75 dB(A)		
Blowing pattern	Flat		
Connection	G 1/4"	1/4"-18 NPT	
Nozzle	971		
Material (nozzle)	Stainless steel		

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction

**62%**

Air/cost savings

**37%**

**DON'T JUST EXPERIENCE THE DIFFERENCE. MEASURE IT.** Is the noise exposure level too high? Is the noise level harmful? Over 85 dB(A)? Taking simple measurements in production is often the first step toward a better workplace environment. Order an SPL unit and start measuring.



Order no: **SPL**



500-S

## Safety air gun with a short trigger that is easy on the hand

**SILVENT 500-S** is fitted with a stainless steel nozzle. Stainless steel nozzles are most suitable for really tough conditions. The nozzle's solid stainless steel tip is built to withstand intensive mechanical wear. This safety air gun was developed with the user in mind, and it is the result of many years of research. The 500-S is the most ergonomic safety gun on the market today. Fully complies with OSHA safety regulations and EU Machine Directive noise limitations. Patented.

**NO MUSCLE STRAIN** The trigger mechanism requires a pressure of only 7 N (25 oz), which means that the gun can be used frequently without the risk of taxing muscles. The average finger strength of men is 96 N (339 oz) and of women, 81 N (295 oz). When less than 10% of the maximum strength of a finger is used, no injury arises due to muscle strain.

### ERGONOMICS AND PRECISION

The combination of an ergonomic handle and a short trigger for one or two fingers provides a perfect grip as well as the possibility to aim the gun with precision and feeling. The ergonomic design of the handle automatically gives you the optimal blowing position so that you do not need to bend your wrist.

**TRIGGERS** Our safety guns are fitted with short triggers as standard to provide the most ergonomic grip. If desired however, they can also be equipped with extended triggers.

Order no: **500-S**

Replace open pipe Ø	4 mm	(5/32")
Blowing force	3.2 N	(11.3 oz)
Air consumption	19 Nm <sup>3</sup> /h	(11.2 scfm)
Sound level	81 dB(A)	
Blowing pattern	Concentrated	
Connection	G 1/4"	1/4"-18 NPT
Nozzle	0071	
Material (nozzle)	Stainless steel	

3.2 N

11.3 oz

CONC.

STAIN-  
LESS

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction

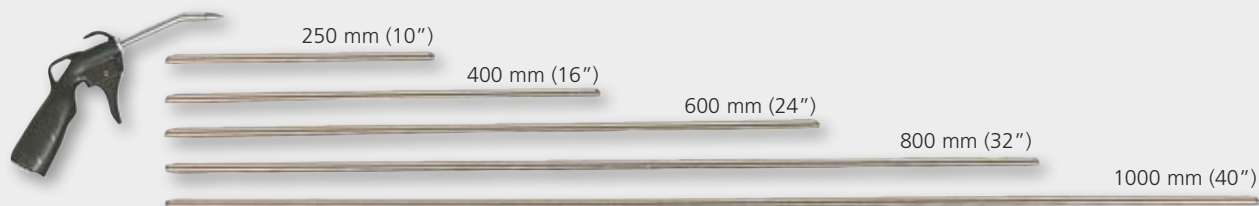
62%

Air/cost savings

37%

## Extension pipes in 6 lengths

standard - 100 mm (4")



The 500 series is available with six different extension pipe lengths. The pipes are made of galvanized steel. When ordering safety guns with extension pipes that are longer than 100 mm (4"), specify the pipe length last in the order number. Safety gun-extension pipe length: e.g. **500-S-600**.

### ALTERNATIVES



Order no: **500-L**

### ACCESSORIES



Order no: **590**



Order no: **AS1**

**DON'T JUST EXPERIENCE THE DIFFERENCE. MEASURE IT.** Is the noise exposure level too high? Is the noise level harmful? Over 85 dB(A)? Taking simple measurements in production is often the first step toward a better workplace environment. Order an SPL unit and start measuring.



Order no: **SPL**

**SILVENT 59002W:** is a safety air gun fitted with an energy-efficient flat nozzle that generates a strong, efficient blowing force at an exceptionally low noise level. Compressed air is optimally used in this safety air gun, which through its unique design introduces a completely new blowing technology feature. The aerodynamic nozzle design achieves the effect by maximizing entrainment of air. Each orifice is also uniquely designed to optimize the entrainment area. The air nozzle is made exclusively of Zytel, a high-performance material without which the unique and truly complex Laval orifices would not be possible. These small orifices combined with the aerodynamic slots of the nozzle provide high efficiency. This safety air gun is ideal for quickly and efficiently blowing surfaces clean without risk of scratches. Fully complies with EU Machine Directive noise limitations and OSHA safety regulations. Patented.



59002W

Order no: **59002W**

Replace open pipe Ø	6 mm	(1/4")
Blowing force	6.0 N	(1.3 lbs)
Air consumption	30.0 Nm <sup>3</sup> /h	(17.7 scfm)
Sound level	80 dB(A)	
Blowing pattern	Flat	
Connection	G 1/4"	1/4"-18 NPT
Nozzle	9002W	
Material (nozzle)	Zytel	

**6.0 N****1.3 lbs****FLAT****ZYTEL**

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction

**78%**

Air/cost savings

**55%**

## ALTERNATIVES

Order no: **59002W-H**

**New! SAFETY AIR GUNS**



500-R

**SILVENT 500-R:** part of a completely new generation of safety air guns designed for blowing applications aimed at avoiding scratches on equipment and products. The 500-R is equipped with an energy-efficient Laval nozzle that is part of Silvent's new "SILVENT SOFT™" series. The air nozzle is specially made in EPDM rubber to minimize the risk of scratches. The product meets the unique combination of demands for a scratch-free surface and high blowing force by applying Silvent's patented Laval technology. Fully compliant with EU Machinery Directive noise limits and OSHA safety regulations. Patented.

**EXTENSION PIPES IN 3 LENGTHS**

- standard - 100 mm (4")
- 250 mm (10")
- 500 mm (20")

When ordering safety guns with longer pipes than standard, specify the length last in the order number. Safety gun-extension pipe length, e.g **500-R-250**.

**Order no: 500-R**

Replace open pipe Ø	5 mm	(3/16")
Blowing force	4.0 N	(14.1 oz)
Air consumption	22.6 Nm <sup>3</sup> /h	(13.3 scfm)
Sound level	81.1 dB(A)	
Blowing pattern	Laval	
Connection	G 1/4"	1/4"-18 NPT
Nozzle	801	
Material (nozzle)	EPDM	



For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

<b>Noise reduction</b>	<b>71%</b>	<b>Air/cost savings</b>	<b>51%</b>
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**ALTERNATIVES**



Order no: **500-P**

**ACCESSORIES**



Order no: **AS1**



## SAFETY AIR GUNS

**SILVENT 500-Z:** fitted with a zinc slot nozzle and suitable for general-purpose cleaning in environments where the nozzle is subject to little or no mechanical wear. Provides strong and extremely quiet blow-off power. The sound level is just 79 dB(A). For more aggressive environments, we recommend our 500-L or 500-S safety guns with nozzles of stainless steel. Fully complies with OSHA safety regulations and EU Machine Directive noise limitations. Patented.



500-Z

Order no: **500-Z**

Replace open pipe Ø	4 mm	(5/32")
Blowing force	3.2 N	(11.3 oz)
Air consumption	19 Nm <sup>3</sup> /h	(11.2 scfm)
Sound level	79 dB(A)	
Blowing pattern	Concentrated	
Connection	G 1/4"	1/4"-18 NPT
Nozzle	5001	
Material (nozzle)	Zinc	

3.2 N

11.3 oz

CONC.

ZINC

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction

**67%**

Air/cost savings

**37%**

### EXTENSION PIPES IN 6 LENGTHS

- standard - 100 mm (4")
- 250 mm (10")
- 400 mm (16")
- 600 mm (24")
- 800 mm (32")
- 1000 mm (40")

The 500 series is available with six different extension pipe lengths. The pipes are made of galvanized steel. When ordering safety guns with extension pipes that are longer than 100 mm (4"), specify the pipe length last in the order number. Safety gun-extension pipe length: e.g. **500-Z-600**.

### ALTERNATIVES



Order no: **500-MJ4**



Order no: **500-MJ5**



Order no: **500-MJ6**

### ACCESSORIES



Order no: **590**



Order no: **AS1**

## SAFETY AIR GUNS



**SILVENT 501-L-H:** fitted with a new generation of zinc Laval nozzle. A mix of divergent slots and holes surround the central Laval orifice, providing quiet, powerful and laminar air flow. This safety air gun is especially suitable for sweeping large areas or general-purpose cleaning of parts and machines. Also available with a short trigger (order number 501-L). The fin design of the nozzle prevents direct contact with skin. Fully complies with the noise limitations of the EU Machine Directive and OSHA safety standards. Patented.

### Order no: **501-L-H**

Replace open pipe Ø	4 mm	(5/32")	
Blowing force	3.4 N	(12.0 oz)	
Air consumption	17 Nm <sup>3</sup> /h	(10.0 scfm)	
Sound level	78 dB(A)		
Blowing pattern	Laval		
Connection	G 1/4"	1/4"-18 NPT	
Nozzle	2120 L		
Material (nozzle)	Zinc		

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction

**69%**

Air/cost savings

**43%**

### ALTERNATIVES



Order no: **501-L**



Order no: **501-L-S**



Order no: **501**

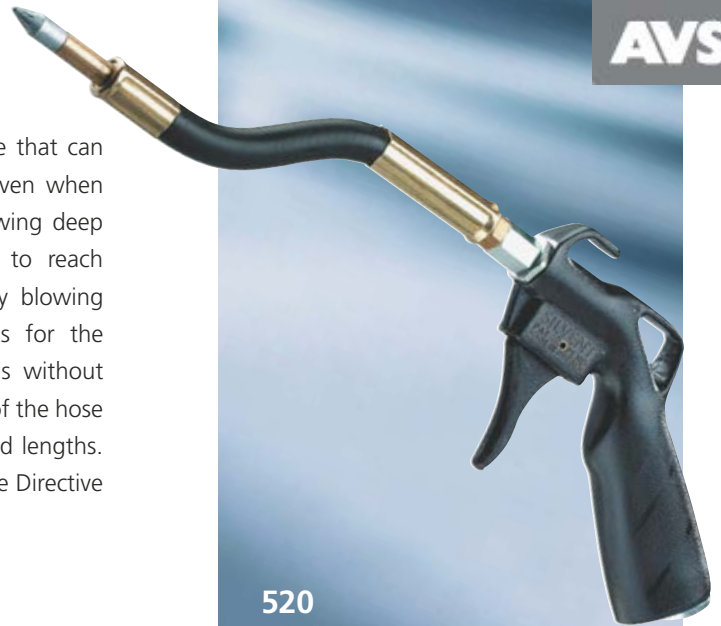
### ACCESSORIES



Order no: **591**

## SAFETY AIR GUNS

**SILVENT 520:** flexgun fitted with a bendable hose that can be adjusted to any position. The hose will not wander, even when blowing at high pressures. Flexgun is outstanding for blowing deep inside machines and motors or wherever it is difficult to reach with conventional air guns. Highly recommended for any blowing applications that is hard to reach or directly dangerous for the operator. Flexgun allows you to perform these operations without risking injury to eyes or hands from flying chips. The length of the hose is 200 mm (7.87") and SILVENT offers 5 additional standard lengths. Fully complies with OSHA safety regulations and EU Machine Directive noise limitations. Patented.



520

Order no: **520**

Replace open pipe Ø	4 mm	(5/32")
Blowing force	2.9 N	(10.2 oz)
Air consumption	16 Nm <sup>3</sup> /h	(9.4 scfm)
Sound level	79 dB(A)	
Blowing pattern	Concentrated	
Connection	G 1/4"	1/4"-18 NPT
Nozzle	5001	
Material (nozzle)	Zinc	

2.9 N

10.2 oz

CONC.

ZINC

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction

**67%**

Air/cost savings

**47%**

### FLEXGUN IN 6 LENGTHS

- **520** – 200 mm (7.87")
- **530** – 300 mm (11.81")
- **540** – 400 mm (15.75")
- **550** – 500 mm (19.69")
- **560** – 600 mm (23.62")
- **580** – 800 mm (31.50")

## SAFETY AIR GUNS



5920

**SILVENT 5920:** with a flat nozzle for applications where you want the air stream to strike a wider surface for quick and efficient blow-off. This low-noise nozzle is made of zinc and its outlet ports are protected against external forces by fins. Fully complies with OSHA safety regulations and EU Machine Directive noise limitations. Patented.

Order no: **5920**

Replace open pipe Ø	6 mm	(1/4")	
Blowing force	5.5 N	(1.2 lbs)	
Air consumption	30 Nm <sup>3</sup> /h	(17.7 scfm)	
Sound level	81 dB(A)		
Blowing pattern	Flat		
Connection	G 1/4"	1/4"-18 NPT	
Nozzle	920 A		
Material (nozzle)	Zinc		

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction

**77%**

Air/cost savings

**55%**



### TRY IT YOURSELF!

Do you have air guns that are dangerous for the users? Do you have equipment to test your air guns? SILVENT OSH contains an "OSHA meter" that shows whether your air guns are dangerous for the user. Every production facility that prioritizes workplace health and safety should have an OSHA meter.



Order no: **OSH**

## SAFETY AIR GUNS

**SILVENT BG-007:** hole-blower that replaces conventional air guns when cleaning out blind holes. Clean-out of blind holes generates extremely high and dangerous noise levels. BG-007 eliminates hazardous noise and collects flying chips and debris directly in a sealed container. This closed system ensures a cleaner, quieter, and safer working environment. Fitted with a specially designed rubber collar that completely seals off the hole during clean-out. The flexibility of the collar allows adjustment to the ergonomically correct working angle. The collection vessel is easy to empty and can be rotated 360°. Provides both top and bottom air supply connection.

Order no: **BG-007**

Replace open pipe Ø	4 mm	(5/32")	<b>1.0 N</b> <b>3.5 oz</b>
Blowing force	1.0 N	(3.5 oz)	
Air consumption	4.4 Nm <sup>3</sup> /h	(2.6 scfm)	<b>MISC.</b>
Sound level	77 dB(A)		
Blowing pattern	Misc.		<b>STAIN-LESS</b>
Connection	G 1/4"	1/4"-18 NPT	
Material (nozzle)	Stainless steel		

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction

**71%**

Air/cost savings

**87%**

### ALTERNATIVES



Order no: **BG-500**

**AVS**



**BG-007**

### DIMENSIONING RULES

#### CHIPS

The BG-007 is designed to collect short chips. The BG-007 is not suitable for gathering long spiral chips.

#### HOLES

Min. hole diameter - Ø6 mm (0.24")  
Max. hole diameter - Ø24 mm (0.95")  
Max. hole depth - 4 x Ø

## SAFETY AIR GUNS

AVS



**SILVENT 100:** a safety gun with no moving parts. The blowing force is regulated by varying thumb pressure against the side of the nozzle. The valve mechanism is encapsulated and completely sealed, protecting the gun against intrusion of dust. This design makes the gun perfect for use in dirty and dusty environments, e.g. blasting cabinets. The gun is suitable for installation hanging above the operator. Fully complies with OSHA safety regulations and EU Machine Directive noise limitations.

100

Order no: **100**

Replace open pipe Ø	4 mm	(5/32")	<b>3.5 N</b> → <b>12.4 oz</b>
Blowing force	3.5 N	(12.4 oz)	
Air consumption	19 Nm <sup>3</sup> /h	(11.2 scfm)	<b>WIDE</b>
Sound level	80 dB(A)		
Blowing pattern	Wide		<b>ALUMI- NUM</b>
Connection	G 1/4"	1/4"-18 NPT	
Nozzle	2120		
Material (nozzle)	Aluminum		

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction

**65%**

Air/cost savings

**37%**

### ACCESSORIES



Order no: **103**





# SAFETY AIR GUNS HIGH BLOWING FORCE

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# PRODUCT OVERVIEW



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◀ **New!**

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2055-A-SG

## 100% aluminum safety air gun with high blowing force

**SILVENT 2055-A-SG** is a safety air gun that is equipped with a softgrip handle for greater comfort. The safety air gun has an aerodynamic aluminum nozzle that provides a blowing force equivalent to 5 conventional compressed air guns. Despite the high blowing force, the sound level is comparable to that of a conventional air gun. The 2055-A is a powerful but flexible safety air gun that is ideal for applications that require a high blowing force. Fully compliant with EU Machinery Directive noise limits and OSHA safety regulations. Patented.

### PERFECT FOR DEMANDING APPLICATIONS

Equipped with an extension pipe, these guns are ideal for applications that are hard-to-reach or hazardous for the operator. A properly dimensioned extension pipe protects the face from dangerous flying debris and spattering, and allows the user to maintain a more ergonomically correct working posture.

**SOFTGRIP HANDLE** These safety guns can be equipped with softgrip handles that are easy on the hand and insulate against both heat and cold.

**PRACTICAL DESIGN** The 2000 grip is made of aluminum and is highly versatile, lightweight and user-friendly. It has a modern and practical design that can be fitted with various types of safety nozzles, extension pipes, safety accessories etc.

### Order no: 2055-A-SG

Replace open pipe Ø	8 mm	(5/16")	<b>13.5 N</b> <b>3.0 lbs</b>
Blowing force	13.5 N	(3.0 lbs)	
Air consumption	92 Nm <sup>3</sup> /h	(54.1 scfm)	<b>WIDE</b>
Sound level	93 dB(A)		
Blowing pattern	Wide		<b>ALUMI-NUM</b>
Connection	G 3/8"	3/8"-18 NPT	
Nozzle	2005		
Material (nozzle)	Aluminum		

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction

**65%**

Air/cost savings

**22%**

## Extension pipes in 6 lengths

Standard - 0 mm (0")



The guns of the 2000 series are available in six different versions - five with extension pipes of different lengths and one with the nozzle mounted directly onto the pistol grip. The extension pipes are made of aluminum. Indicate the length of the extension pipe you require last in the order number. Safety gun-extension pipe length: e.g. **2055-A-SG-2000**.

### ALTERNATIVES



Order no: **2055-A**



Order no: **2055-S**

### ACCESSORIES



Order no: **592**



Order no: **AS3**



Order no: **SG-2000**

### TRY IT YOURSELF!

Do you have air guns that are dangerous for the users? Do you have equipment to test your air guns? SILVENT OSH contains an "OSHA meter" that shows whether your air guns are dangerous for the user. Every production facility that prioritizes workplace health and safety should have an OSHA meter.



Order no: **OSH**

**SILVENT 2053-L-SG** is a safety air gun that is equipped with a softgrip handle for greater comfort. The blowing force is more than 3 times stronger than that of an ordinary compressed air gun. The compressed air is optimally used in this Laval nozzle by surrounding a core of air traveling at supersonic speed with a protective sheath of air moving parallel to the central air jet. Diverging slits around the Laval hole provide quiet, strong and laminar air streams. Despite the high blowing force both the sound level and energy consumption are low. Fully compliant with EU Machinery Directive noise limits and OSHA safety regulations. Patented.



2053-L-SG

Order no: **2053-L-SG**

Replace open pipe Ø	8 mm	(5/16")
Blowing force	10.6 N	(2.3 lbs)
Air consumption	60.0 Nm <sup>3</sup> /h	(35.3 scfm)
Sound level	91 dB(A)	
Blowing pattern	Laval	
Connection	G 3/8"	3/8"-18 NPT
Nozzle	753-L	
Material (nozzle)	Stainless steel	

**10.6 N**  
**2.3 lbs**

**LAVAL**

**STAIN-  
LESS**

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction

**69%**

Air/cost savings

**49%**

EXTENSION PIPES IN 6 LENGTHS

- Standard - 0 mm (0")
- 150 mm (6")
- 500 mm (20")
- 1000 mm (40")
- 1500 mm (60")
- 2000 mm (80")

The guns of the 2000 series are available in six different versions - five with extension pipes of different lengths and one with the nozzle mounted directly onto the pistol grip. The extension pipes are made of aluminum. Indicate the length of the extension pipe you require last in the order number. Safety gun-extension pipe length: e.g. **2053-L-SG-2000**.

ALTERNATIV



Order no: **2053-L**

ACCESSORIES



Order no: **AS3**

**New!**

## HIGH FORCE SAFETY AIR GUNS



2804-R

**SILVENT 2804-R:** part of a completely new generation of safety air guns designed for blowing applications aimed at avoiding scratches on equipment and products. The 2804-R is equipped with an energy-efficient Laval nozzle that is part of Silvent's new "SILVENT SOFT™" series. The air nozzle is specially made in EPDM rubber to minimize the risk of scratches. The product meets the unique combination of demands for a scratch-free surface and high blowing force by applying Silvent's patented Laval technology. Fully compliant with EU Machinery Directive noise limits and OSHA safety regulations. Patented.

### EXTENSION PIPES IN 6 LENGTHS

- Standard - 0 mm (0")
- 150 mm (6")
- 500 mm (20")
- 1000 mm (40")
- 1500 mm (60")
- 2000 mm (80")

The guns of the 2000 series are available in six different versions - five with extension pipes of different lengths and one with the nozzle mounted directly onto the pistol grip. The extension pipes are made of aluminum. Indicate the length of the extension pipe you require last in the order number. Safety gun-extension pipe length: e.g. **2804-R-2000**.

### Order no: **2804-R**

Replace open pipe Ø	8 mm	(5/16")
Blowing force	12.0 N	(2.6 lbs)
Air consumption	70.0 Nm <sup>3</sup> /h	(41.2 scfm)
Sound level	90.0 dB(A)	
Blowing pattern	Laval	
Connection	G 3/8"	3/8"-18 NPT
Nozzle	804	
Material (nozzle)	EPDM	

**12.0 N**

**2.6 lbs**

**LAVAL**

**EPDM**

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction

**71%**

Air/cost savings

**41%**

### ACCESSORIES



Order no: **SG-2000**

## HIGH FORCE SAFETY AIR GUNS

**SILVENT 2973:** an excellent gun for applications where you need to move away large particles or chips quickly and efficiently. The design of the nozzle makes the air pattern dig in and sweep the work surface clean. Fitted with a powerful flat stainless steel nozzle that can cope with most applications. The blowing force is three times that of an ordinary air gun. Despite its power, the sound level and energy consumption are low in relation to the work the gun performs. Fully complies with OSHA safety regulations and EU Machine Directive noise limitations. Patented.



2973

Order no: **2973**

Replace open pipe Ø	7 mm	(9/32")
Blowing force	9.5 N	(2.1 lbs)
Air consumption	58 Nm <sup>3</sup> /h	(34.1 scfm)
Sound level	86 dB(A)	
Blowing pattern	Flat	
Connection	G 3/8"	3/8"-18 NPT
Nozzle	973	
Material (nozzle)	Stainless steel	

**9.5 N**  
**2.1 lbs**

**FLAT**

**STAIN-  
LESS**

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction

**73%**

Air/cost savings

**37%**

### ACCESSORIES



Order no: **SG-2000**

### Don't just experience the difference. Measure it.

Is the noise exposure level too high? Is the noise level harmful? Over 85 dB(A)? Taking simple measurements in production is often the first step toward a better workplace environment. Order an SPL unit and start measuring.



Order no: **SPL**

## HIGH FORCE SAFETY AIR GUNS

AVS



2050-S

**SILVENT 2050-S:** with a stainless steel nozzle. Extremely tough, but at the same time, practical aluminum gun. The perfect choice whenever durability is more important than a lot of technical finesse. The standard version of this gun is fitted with a durable stainless steel nozzle with a solid tip for the toughest conditions. Fully complies with OSHA safety regulations and EU Machine Directive noise limitations. Patented.

### EXTENSION PIPES IN 6 LENGTHS

- standard - 100 mm (4")
- 250 mm (10")
- 400 mm (16")
- 600 mm (24")
- 800 mm (32")
- 1000 mm (40")

The pipes are made of galvanized steel. When ordering safety guns with extension pipes that are longer than 100 mm (4"), specify the pipe length last in the order number. Safety gun-extension pipe length: e.g. **2050-S-1000**.

### Order no: **2050-S**

Replace open pipe Ø	4 mm	(5/32")
Blowing force	3.2 N	(11.3 oz)
Air consumption	19 Nm <sup>3</sup> /h	(11.2 scfm)
Sound level	81 dB(A)	
Blowing pattern	Concentrated	
Connection	G 3/8"	3/8"-18 NPT
Nozzle	0071	
Material (nozzle)	Stainless steel	

**3.2 N**  
**11.3 oz**

**CONC.**

**STAIN-LESS**

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction

**62%**

Air/cost savings

**37%**

### ALTERNATIVES



Order no: **2050-L**



Order no: **2220-L-S**

### ACCESSORIES



Order no: **590**



Order no: **SG-2000**





757-L

### UP TO 12 TIMES GREATER BLOWING FORCE

The safety guns of the 750 series have up to 12 times stronger blowing force than ordinary air guns on the market today. Despite the high blowing force, both the sound level and energy consumption are low.

### DURABLE CONSTRUCTION

The 750 grip has been developed for jobs requiring high blowing power and working environments that demand a robust grip and valve construction. These guns can also be used when wearing work gloves and the grip is considerably more impact resistant than conventional guns. Commonly used in glass works, paper mills, foundries, steel mills, etc.

### THUMB REGULATION

Thumb regulation is standard on the pistol handle to provide the most ergonomic grip. If desired, the handle can also be fitted with an extended trigger for hand regulation.

## Robust safety air gun for tough environments

**SILVENT 757-L:** with a stainless steel Laval nozzle. A core stream traveling at supersonic speed surrounded by a protective sheath of air moving parallel to the central jet makes optimal use of your compressed air. Around the Laval orifice there are divergent slots that generate a quiet, powerful and laminar air stream. The blowing force is approximately 7 times that of an ordinary air gun. Despite the high blowing force, both the noise level and air consumption are low. This safety air gun is frequently used in the glass industry, paper mills, foundries, steel mills etc. Fully complies with the noise limitations of the EU Machine Directive and OSHA safety standards. Patented.

### Order no: 757-L

Replace open pipe Ø	12 mm	(1/2")
Blowing force	20.0 N	(4.4 lbs)
Air consumption	113 Nm <sup>3</sup> /h	(66.5 scfm)
Sound level	93.1 dB(A)	
Blowing pattern	Laval	
Connection	G 1/2"	1/2"-14 NPT
Nozzle	707 L	
Material (nozzle)	Stainless steel	

**20.0 N**

**4.4 lbs**

**LAVAL**

**STAIN-LESS**

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction

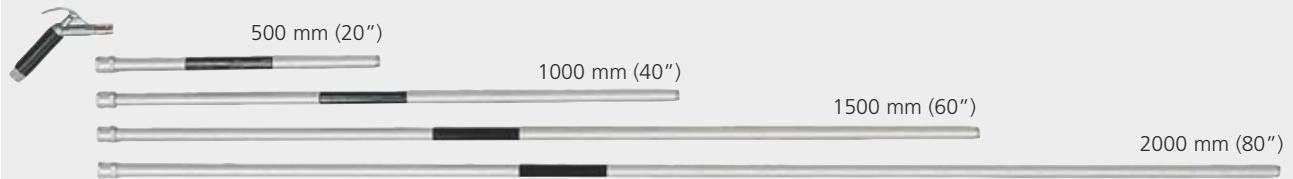
**80%**

Air/cost savings

**58%**

## Extension pipes in 5 lengths

Standard - 0 mm (0")



The 750 series is available with four different extension pipe lengths. The extension pipes are made of aluminum. Indicate the length of the extension pipe you require last in the order number. Safety gun-extension pipe length: e.g. **757-L-1500**.

### ALTERNATIVES



Order no: **757-S**



Order no: **755-L**



Order no: **755-S**



Order no: **753-L**



Order no: **753-S**



Order no: **751-S**



### TRY IT YOURSELF!

Do you have air guns that are dangerous for the users? Do you have equipment to test your air guns? SILVENT OSH contains an "OSHA meter" that shows whether your air guns are dangerous for the user. Every production facility that prioritizes workplace health and safety should have an OSHA meter.






Order no: **OSH**

**SILVENT 750-W:** equipped with an energy-efficient flat nozzle made of Zytel that generates an extremely strong and effective blowing force at the same time that the sound level is exceptionally low. Compressed air is optimally used in this safety air gun, which through its unique design introduces a completely new blowing technology feature. This safety air gun is an excellent choice for large surfaces that need to be blown clean because of its unique blowing pattern and high blowing force. Fully compliant with EU Machinery Directive noise limits and OSHA safety regulations. Patented.



750-W

Order no: **750-W**

Replace open pipe Ø	14 mm	(9/16")	
Blowing force	36.0 N	(7.9 lbs)	
Air consumption	182.0 Nm <sup>3</sup> /h	(107.1 scfm)	
Sound level	92 dB(A)		
Blowing pattern	Flat		
Connection	G 1/2"	1/2"-14 NPT	
Material (nozzle)	Zytel		

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction	<b>85%</b>	Air/cost savings	<b>50%</b>
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**Don't just experience the difference. Measure it.**

Is the noise exposure level too high? Is the noise level harmful? Over 85 dB(A)? Taking simple measurements in production is often the first step toward a better workplace environment. Order an SPL unit and start measuring.



Order no: **SPL**

**New!**

## HIGH FORCE SAFETY AIR GUNS

**SILVENT 758-R:** part of a completely new generation of safety air guns designed for blowing applications aimed at avoiding scratches on equipment and products. The 758-R is equipped with an energy-efficient Laval nozzle that is part of Silvent's new "SILVENT SOFT™" series. The air nozzle is specially made in EPDM rubber to minimize the risk of scratches. The product meets the unique combination of demands for a scratch-free surface and high blowing force by applying Silvent's patented Laval technology. Fully compliant with EU Machinery Directive noise limits and OSHA safety regulations. Patented.



758-R

### EXTENSION PIPES IN 5 LENGTHS

- Standard - 0 mm (0")
- 500 mm (20")
- 1000 mm (40")
- 1500 mm (60")
- 2000 mm (80")

The 750 series is available with four different extension pipe lengths. The extension pipes are made of aluminum. Indicate the length of the extension pipe you require last in the order number. Safety gun-extension pipe length: e.g. **758-R-1500**.

### Order no: **758-R**

Replace open pipe Ø	12 mm	(1/2")
Blowing force	21.0 N	(4.6 lbs)
Air consumption	114.0 Nm <sup>3</sup> /h	(67.1 scfm)
Sound level	94.8 dB(A)	
Blowing pattern	Laval	
Connection	G 1/2"	1/2"-14 NPT
Nozzle	808	
Material (nozzle)	EPDM	

**21.0 N**  
**4.6 lbs**

**LAVAL**

**EPDM**

*For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).*

**Noise reduction 77%**      **Air/cost savings 57%**



4015-LF

## An extremely powerful blowing tool for long blowing distances

**SILVENT 4015-LF** is a unique product that combines highly concentrated blowing force with an easily maneuverable valve construction and low sound level. The patented nozzle design with a Laval orifice in the center surrounded by a ring of slots generates a low-turbulence air stream, which means a low sound level with no sacrifice of blowing force. The nozzle is made of stainless steel, making it suitable for use in practically any environment where extra high blowing force is required, e.g. the paper and manufacturing industries, steel mills etc. This air bazooka features adjustable blowing force that is easily regulated to any strength between 0 and 100 %. Fully complies with EU Machine Directive noise limitations and OSHA safety regulations. Patented.

**“DEAD MAN’S GRIP”** The valve features a “dead man’s grip”, which means that it closes instantly if the handle is dropped.

**SAFE AND EASILY MANEUVERABLE** The valve is power-steered, making it easy to operate with just one hand. A light press of a thumb or finger is all that is needed.

**USER-FRIENDLY** The rubber insulation on the handle provides a firm grip while protecting the hand against both heat and cold.

### Order no: **4015-LF**

Replace open pipe Ø	20 mm	(3/4")	<b>54.0 N</b>
Blowing force	54.0 N	(11.9 lbs)	
Air consumption	312 Nm <sup>3</sup> /h	(183.6 scfm)	<b>11.9 lbs</b>
Sound level	104 dB(A)		
Blowing pattern	Laval		
Connection	G 3/4"	3/4" -14 NPT	<b>LAVAL</b>
Nozzle	4115		
Material (nozzle)	Stainless steel		<b>STAIN-LESS</b>

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction **78%**      Air/cost savings **58%**

## Extension pipes in 2 lengths



The 4000 series is available with two different extension pipes. Custom lengths are available upon request. Choosing the right length is important to attain maximum safety and the best working posture. Specify the length of the extension pipe you require last in the order number. Safety gun-extension pipe length: e.g. **4015-LF-1000**.

### ALTERNATIVES



Order no: **4015-LF-500**

Order no: **4015-LF-1000**

Order no: **4015-L**

Order no: **4015-L-500**

Order no: **4015-L-1000**

### ACCESSORIES



Order no: **SW-4000**

## Don't just experience the difference. Measure it.

Is the noise exposure level too high? Is the noise level harmful? Over 85 dB(A)? Taking simple measurements in production is often the first step toward a better workplace environment. Order an SPL unit and start measuring.



Order no: **SPL**

## HIGH FORCE SAFETY AIR GUNS

**SILVENT 4020-LF:** a unique product with Laval nozzle that combines highly concentrated blowing force with an easily maneuverable valve construction and low sound level. Its blowing force of 100 N (22.1 lbs) is twice that of the 4015-LF. The nozzle is made of stainless steel, making it suitable for use in practically any environment where extra high blowing force is required, e.g. the paper and manufacturing industries, steel mills etc. Features adjustable blowing force that is easily adjusted to any strength between 0 and 100 %. Fully complies with EU Machine Directive noise limitations and OSHA safety regulations. Patented.



4020-LF

### Order no: **4020-LF**

Replace open pipe Ø	25 mm	(1")
Blowing force	100.0 N	(22.1 lbs)
Air consumption	532 Nm <sup>3</sup> /h	(313.1 scfm)
Sound level	118 dB(A)	
Blowing pattern	Laval	
Connection	G 3/4"	3/4"-14 NPT
Nozzle	4120	
Material (nozzle)	Stainless steel	

**100.0 N**  
**22.1 lbs**

**LAVAL**

**STAIN-LESS**

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction

**60%**

Air/cost savings

**54%**

### EXTENSION PIPES IN 2 LENGTHS

- 500 mm (20")
- 1000 mm (40")

The 4000 series is available with two different extension pipes. Custom lengths are available upon request. Choosing the right length is important to attain maximum safety and the best working posture. Specify the length of the extension pipe you require last in the order number. Safety gun-extension pipe length: e.g. **4020-LF-1000**.

### ALTERNATIVES



Order no: **4020-LF-500**



Order no: **4020-LF-1000**



Order no: **4020-L**



Order no: **4020-L-500**



Order no: **4020-L-1000**

### ACCESSORIES



Order no: **SW-4000**



4010-S

**SILVENT 4010-S:** combines highly concentrated blowing force with an easily maneuverable valve construction and low sound level. Designed with aerodynamic slots to attain optimal utilization of your compressed air while keeping the sound level to an absolute minimum. The valve is power-steered, making it easy to operate with just one hand. Its "dead man's grip" closes instantly if the handle is dropped. Suitable for applications where 100% force is always required. Fully complies with EU Machine Directive noise limitations and OSHA safety regulations. Patented.

EXTENSION PIPES IN 2 LENGTHS

- 500 mm (20")
- 1000 mm (40")

The 4000 series is available with two different extension pipes. Custom lengths are available upon request. Choosing the right length is important to attain maximum safety and the best working posture. Specify the length of the extension pipe you require last in the order number. Safety gun-extension pipe length: e.g. **4010-S-1000**.

Order no: **4010-S**

Replace open pipe Ø	14 mm	(9/16")
Blowing force	30.0 N	(6.6 lbs)
Air consumption	216 Nm <sup>3</sup> /h	(127.1 scfm)
Sound level	99 dB(A)	
Blowing pattern	Wide	
Connection	G 3/4"	3/4"-14 NPT
Nozzle	4110	
Material (nozzle)	Stainless steel	

**30.0 N**  
**6.6 lbs**

**WIDE**

**STAIN-LESS**

For more technical information, see page 146 or visit our website at [silvent.com](http://silvent.com).

Noise reduction **75%**      Air/cost savings **41%**

ALTERNATIVES



Order no: **4010-S-500**



Order no: **4010-S-1000**



Order no: **4010-SF**



Order no: **4010-SF-500**



Order no: **4010-SF-1000**

ACCESSORIES



Order no: **SW-4000**