

Occupational safety

Protective equipment for the blow-in technology



Occupational and respiratory protection

- ▶ Active blow-in respiratory protection sets EA1500, EA1800, EA4000, EA5000 and EA5500
- ▶ Work clothing for the blow-in technology, masks and other accessories



Work and respiratory protection equipment

Respiratory protection equipment for the blow-in professional

The filling of blow-in machines and the blow-in process itself are never completely dust-free. Apart from the sealing options during blowing-in, such as sealing sponges and blow-in screens during hose blowing or when working with the blow-in needle and the seals of vented blow-in nozzles and blow-in lances, there is the option of using passive and active respiratory protection masks.



The professional equipment offers many advantages:

- ▶ Compact, lightweight blower and handy shape
- ▶ High wearing comfort and easy handling
- ▶ Active airflow regulation and automatic monitoring
- ▶ Robust construction, suitable for construction site use
- ▶ Easy replacement of spare parts and components in case of maintenance
- ▶ Easily replaceable lithium-ion battery



Professional respirators

X-Floc offers professional respirators with legal approval in a complete set. The versions are robust, suitable for construction sites and approved for the highest protection class TH3. All units are ideally suited for working with blow-in insulation materials. A respiratory protection blower with air hose, face shield or helmet, padded comfort belt, filter set, air flow meter and rechargeable battery with charger are included in the standard scope of delivery. You will also find air filters, batteries and other accessories in our product range. Ask us – we will be happy to advise you.

Blow-in respirators	EA1500	EA1800
Art. no.	11086	11162
		
Application	Mobile blow-in respirators for safe working in particle-laden environments	
Main areas of application	Processing of loose insulation materials: cellulose, wood fibre, glass and rock wool etc.	
Device / IP protection class	TH3	TH3
Total weight	approx. 1080g with battery and filter	approx. 980g with battery and filter
Certification	EN12941	EN12941
Lithium-ion battery	7,2V	14,4V / 2,6Ah
Battery operating time	up to 10 hours	up to 10 hours
Charging time	approx. 4 hours	approx. 3 hours
Airflow warning	●	●
Battery warning	●	●
Filter status display	●	●
Air output (adjustable on the unit)	170-240l/min. 5 levels adjustable	160-210l/min. 4 levels adjustable
Noise level	< 70dB	< 65dB
Ambient humidity	< 95%	< 95%
Number of filters	1 particle filter 1 prefilter	2 particle filters 2 spark arrestors 2 prefilters
Temperature range	0°C to +60°C	0°C to +60°C
Carrying strap	Padded comfort belt: adjustable waist belt with back plate	
Material half mask	PVC visor according to EN 166: 1B Optional: hard-coated, solvent-resistant and scratch-resistant visor	

Blow-in working suit Overall X-Floc

When filling the blowing machine and during the blow-in process itself, insulation materials settle under the clothing and some are very irritating to the skin. Additional protection is provided by the khaki-coloured working suit with hood, which covers all openings. This makes the work much safer, especially during attic blowing.



		Art. no.
Filter	Size M	3952
	Size L	3741
	Size XL	3673
	Size XXL	3674
Fine dust mask FFP2	with integrated exhalation valve certified acc. to EN 149:2001	1255
Shoulder strap	for carrying the breathing protection blower unit	4670

EA5000	EA5500	EA4000
10232	10234	9689
Mobile blow-in respirators for safe working in particle-laden environments		
Processing of loose insulation materials: cellulose, wood fibre, glass and rock wool etc.		
TH3, TM3 / IP67 approx. 1100g with battery and filter	TH3, TM3 / IP67 approx. 1100g with battery and filter	TH3, TM3 / IP65 approx. 1100g with battery
EN12941, EN12942	EN12941, EN12942	EN12941, EN12942
14,4V	14,4V	14,4V
up to 8 hours approx. 2 hours	up to 8 hours approx. 2 hours	up to 8 hours approx. 2 hours
●	●	●
●	●	●
●	●	●
175-225l/min. 2 levels adjustable	175-225l/min. 2 levels adjustable	80-200l/min. 3 levels adjustable
< 65dB	< 65dB	< 65dB
< 90%	< 90%	< 70%
2 particle filters 2 prefilters	2 particle filters 2 prefilters	2 particle filters 2 prefilters (integrable)
-10°C to +55°C	-10°C to +55°C	-10°C to +40°C
Padded comfort belt: adjustable waist belt with back plate		
PVC visor according to EN 166: 1B		
Optional: hard-coated, solvent-resistant and scratch-resistant visor		

Work and respiratory protection equipment

Machine accessories

X-Floc blow-in machines, amplifier/vacuum stations and other products can be operated and combined in a variety of ways. Detailed information on radio remote controls, cable control, power generators as well as bag supports, suction drums and other machine accessories can be found in the relevant product docu.

► More info, see brochure **Machine accessories**



Nozzles and blowing accessories

For each insulation blow-in principle and each application, tools and/or accessories are necessary for insertion, sealing and venting. Detailed information about these accessories and everything about tools such as injection nozzles, injection needles/lances as well as hole saws and sealing parts can be found in the relevant product docu.

► More info, see brochure **Nozzles and blowing accessories**



Hoses and connectors

Hoses and connectors are an essential part of the blow-in equipment because they can be used to create all conceivable transport lines and circuits. Detailed information on conveying and injection hoses as well as hose connectors, hose clamps, Y-pieces and fibre switches can be found in the relevant product docu.

► More info, see brochure **Hoses and connectors**



Measurement devices

X-Floc maintains close cooperation with university research and development institutions. This results in an extensive product range in the field of measuring and testing technology for blow-in technicians, insulation manufacturers and material testing institutes, and many more. More info can be found in the relevant product docu.

► More info, see brochure **Measurement devices**



Damp spraying

In the damp spray process, thermal insulation material is moistened with water after exiting the hose. Detailed information on spray heads and pipes for the various applications as well as on high-pressure pumps such as membrane or piston pumps and on wall scrubber for smooth surfaces can be found in the relevant product docu.

► More info, see brochure **Damp spraying**



Comparison of insulation blow-in machines

For more than 25 years, X-Floc Dämmtechnik-Maschinen GmbH has been considered a centre of competence for the development of blow-in technology. We designed a number of innovations and construction standards that have established themselves as the state of the art and many are part of the basic equipment of an X-Floc blow-in machine.

► More info, see brochure **Comparison of insulation blow-in machines**



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