



QUALITY EXTRACTION SOLUTIONS



WHY EXTRACTION?

Reduced absenteeism

Increased production rates

Improved production quality

Reduced cleaning costs

The health risks related to welding-fumes and air contaminations from various production processes are well documented. As a consequence work environments are strictly regulated by international standards to ensure a minimal impact on production worker's health and safety.

Reduced impact on the environment

Improved well-being of workforce

Fulfills government health and safety guidelines

Luckily, there are no contradictions between providing the workforce with a healthy work environment and getting the desired financial results. In fact, a healthy and clean work environment will *increase* production rates, *reduce* cleaning costs and absenteeism of the workforce.

ASK US - WE WILL HELP YOU FIND THE EXTRACTION SOLUTION YOU NEED

How we work:

- Research the client's extraction needs
- Plan and design the best solution according to the survey results.
- Install the extraction solution.
- Test the finished extraction facility, making sure the system is correctly calibrated and works according to our high standard.
- Educate to ensure problem-free use of the extraction system.
- Service support.



WHERE TO START?

1. REDUCE CONTAMINATION

Using the most appropriate welding techniques available and making sure materials are clean from oil and corrosion etc. are the first steps towards a healthier work environment.

3. ISOLATE CONTAMINATION

In some instances extraction at source is not possible or practical. The solution then is applying a low vacuum extraction system with swing-arms either with or without wall-mounted filters, connected to a local or a central extraction unit. Isolating the contamination source is then the key to avoid spreading it to surrounding areas, and also avoiding the need for a more powerful extraction system.

2. AT SOURCE EXTRACTION

Extracting the contamination at the source not only provides the best protection for the worker involved, but also keeps the contamination from spreading into the rest of the premises.

4. PROTECTIVE GEAR

Breathing air masks or other personal protective gear and general ventilation are necessary if other types of extraction aren't possible.



HOW TO FIND THE CORRECT SOLUTION

	Users pr. unit	Product	Gas <small>Gluing</small>	Smoke, light dust <small>Welding, fine sanding</small>	Dust, light particles <small>Polishing, light grinding, cutting</small>	Medium particles <small>Vacuum cleaning</small>	Heavy particles <small>Particle trans- portation, stone cutting</small>	Water and liquid <small>Removal of water and cooling liquid</small>
Low vacuum	1	Flexi	X	X				
	1	Superflex	X	X				
	1	Mobiflex	X	X				
	1	Wallflex	X	X				
	1 - 4	V-fans for swing arms	X	X				
Mid vacuum	1 - 42	SM-fans + FU/F- filters in comb. with swing arms, cutting table, hoods etc.	X	X	X			
High vacuum	1	MB-190	X	X	X	X	X	X
	1 - 6	MB-300/500/1000	X	X	X	X	X	X
	1 - 52	SP-units + FU-filters	X	X	X	X	X	X
	1 - 52	SP-CCA units	X	X	X	X	X	X

How to use this table:

Step 1: Decide what to extract.

Step 2: Decide number of simultaneous users.

Step 3: Decide for type of product.

Step 4: Ask for leaflets and technical spec. of preferred products and accessories.

WHAT DO YOU WANT TO EXTRACT?

Smoke Particles Liquid
Fumes Dust

Knowing what you want to extract will point us in the right direction for which extraction unit will be most suitable for your needs. We solve extraction problems in most industries; automotive, heavy industry, ship-building, steel construction, food industry/bakeries, paper industry and others.



HOW MANY EXTRACTION POSITIONS CAN BE IN USE SIMULTANEOUSLY?

If only one extraction point is needed, say for welding, you have the opportunity to choose a mobile extraction unit, such as the MB-190.

In the case of larger facilities, you can provide up to 52 simultaneous users with one SP Turbine and a FU-A filter unit. If more simultaneous users are needed, multiple units can be installed in parallel. There are actually no limitations on how many extraction points can be provided.

In between these two extremes there are many possibilities, and you may also find that one single, well-designed, extraction system can solve multiple extraction tasks in your facility.

Our experienced staff will help you find the right solution for your exact needs.

The Effex high vacuum extraction solution consists of one portable unit, and several compact and central units. In addition, we supply filter units and accessories such as nozzles and swingarms.


The filter units normally used in combination with SP-units are FU-Filter units. These are very efficient and of high quality. In case of greater capacity needed, several units can be installed.

Suitable for extracting:


- Smoke
- Fume
- Particles
- Gas
- Dust
- Liquid




MB-190

Simultaneous users	1	 <p>MB-190</p>
Capacity	200 m³/h	
Weight	16.5 kg	
Noise level	74 dB (A)	
Other benefits	<ul style="list-style-type: none"> • Two motors • Built-in filter cleaning • Automatic start/stop • 5 m of hose and adapters included 	


MB-300

Simultaneous users	2	 <p>MB-300</p>
Capacity	300 m³/h	
Weight	87 kg	
Noise level	70 dB (A)	
Other benefits	<ul style="list-style-type: none"> • Automatic filter cleaning • Automatic start/stop • 15 liter dust-bin capacity 	

MB-500


Simultaneous users	Up to 3 - 4	 <p>MB-500</p>
Capacity	400 m³/h	
Weight	110 kg	
Noise level	70 dB (A)	
Other benefits	<ul style="list-style-type: none"> • Automatic filter cleaning • Automatic start/stop • 25 liter dust-bin capacity 	

MB-1000

Simultaneous users	Up to 6	 <p>MB-1000</p>
Capacity	800 m³/h	
Weight	140 kg	
Noise level	70 dB (A)	
Other benefits	<ul style="list-style-type: none"> • Automatic filter cleaning • Automatic start/stop • 25 liter dust-bin capacity 	

SP-TURBINE


SP-Turbine

Simultaneous users	Up to 52	 <p>SP-Turbine</p>
Capacity	800 - 5200 m ³ /h	
Weight	385 - 1240 kg	
Other benefits	<ul style="list-style-type: none"> • Weatherproof & sound insulated cabinet • Unique flat fan curve • Low power consumption • Heavy duty construction 	

FU-A FILTER UNIT

FU-A

Model	FU-A 20	FU-A 40	FU-A 60	FU-A 80
Filter area (m ²)	20	40	60	80
Air consumption (l/min)	63	63	63	63
Tank volume (liter)	40	40	40	40
Weight (kg)	175	280	320	360
Inlet diameter (mm)	200	250	250	250
Dustbin capacity (liter)	45	45	45	45
Other benefits	<ul style="list-style-type: none">• High efficiency filter media• Economic filter cleaning• Multiple choice of filter media• Heavy duty construction			




FU-A




SP-CS COMPACT UNIT

SP-CS

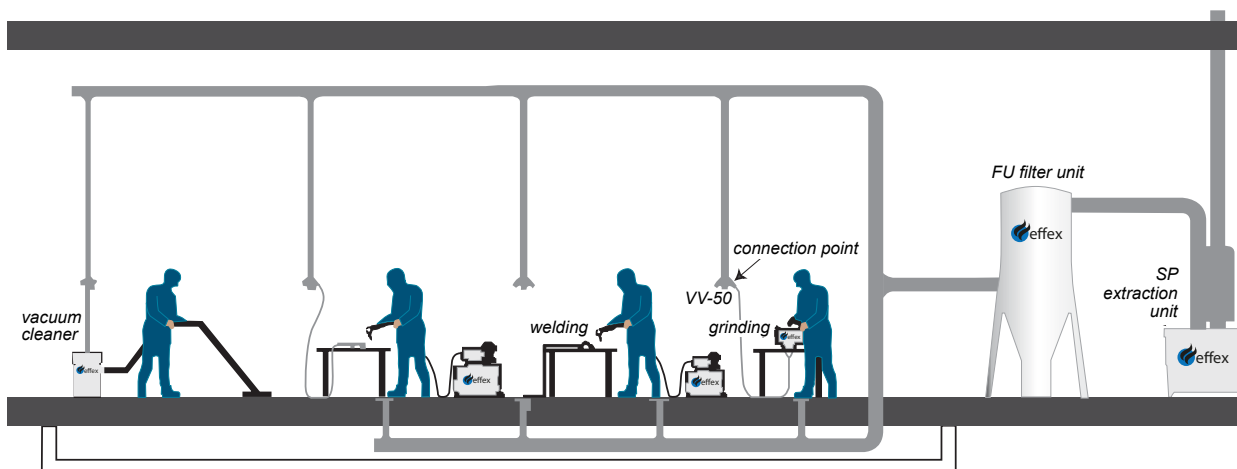
Simultaneous users	Up to 52	 <p>SP-CS</p>
Capacity	830 - 5200 m ³ /h	
Weight	895 - 1547 kg	
Other benefits	<ul style="list-style-type: none"> • Weatherproof & sound insulated cabinet • Low power consumption • Heavy duty construction • Easy to move with crane or forklift 	

SP-CC COMPACT UNIT

SP-CC

Simultaneous users	Up to 52	 <p>SP-CC</p>
Capacity	1500 - 5200 m ³ /h	
Weight	970 - 1740 kg	
Other benefits	<ul style="list-style-type: none"> • Weatherproof & sound insulated cabinet • Two-stage filtration; 99.9% efficiency • Heavy duty construction • Easy to move with crane or forklift 	

TYPICAL HIGH VACUUM INSTALLATION



ACCESSORIES

Nozzles

General information

Low noise, dynamic design to maximize the capturing distance. Maximum durability and performance is guaranteed using Effex high quality nozzles.



Valves

General information

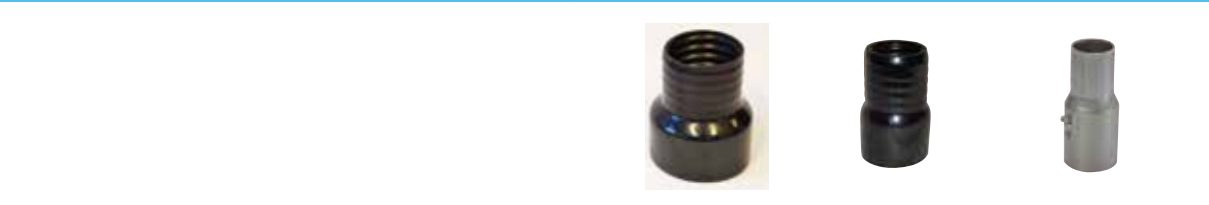
The valves are designed to ensure flexible distribution and airtight connections.



Adapters

General information

A wide range of adapters is available, including anti-static versions. Information on request.



Hoses

General information

Flexible PVC extraction hoses with internal spiral spring. Temperature resistance: 0-85°C. Flame retardant. Does not contain cadmium. Also available in anti-static versions.



ACCESSORIES

Vacuum cleaning set

General information

Available in standard and anti-static versions, supplied in either complete sets or in parts, in diameters 38 mm and 50 mm.



Pre-separators

General information

FB-50 (50 liter) and FB-100 (100 liter) are stationary pre-separators used to extract heavier particles before they enter the duct system and main filter.



Swing arm

General information

Easy to move into all positions, can be attached to any wall, roof or table.



COMPLETE EXTRACTION SOLUTIONS

Mb 190



Suitable for:
• 1 user

+

Nozzle



Mb 1000



Suitable for:
• Up to 6 users

+

Duct or hose



+

Valve



+

Adapter



+

Nozzle



or

Swing arm



or

Vacuum set







The SM fan range incorporates all the most up-to-date principles for medium vacuum extraction applications.

The high performance balanced impeller and drive motor are fixed on anti-vibration mountings. A sound and weather proofed enclosure is optional. The low noise levels produced by the SM unit make it suitable for indoor installation.


The filters to use in combination with the SM fan are vertical filters with an efficient cleaning system and easy filter replacement. Multiple filters are installed in series for improved capacity.

Suitable for extracting:

- Smoke
- Fume
- Gas
- Dust


SM-FAN

SM-Fan

Simultaneous users	Up to 42	 <p>SM-Fan</p>
Capacity	2000 - 42000 m³/h	
Other benefits	<ul style="list-style-type: none"> • Optional weatherproof/sound insulated cabinet • Low maintenance 	

F-150/200 FILTER

F-150/200

Model	F-150	F-200	 <p>F-150/200</p>
Number of filter cartridges	6	9	
Max. filter surface (m²)	120	180	
Air consumption (l/min)	140	140	
Tank volume (liter)	20	20	
Weight (kg)	620	800	
Inlet diameter (mm)	500	630	
Dust capacity (lit)	45	45	

SM-fan



+

F-150/200



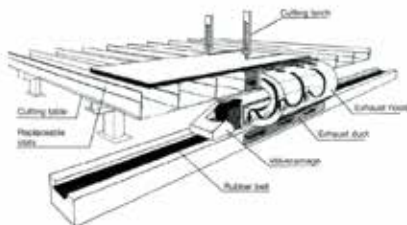
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Spiro duct system



+

Cutting table/hood



For optimal performance and longer lasting extraction units, we recommend using high quality filter cartridges. They may appear more expensive at first glance, but eventually turn out to be the most cost effective solution if all costs involved are added up.

The low vacuum product range consists of swing arms with and without wall-mounted filters. There is one swing arm per operating position and it is connected to a local or central extraction unit. By using a central extraction unit, multiple low vacuum swing-arms can create a very cost-saving and efficient extraction solution. The central unit can be a mid- or high vacuum extraction unit.

Suitable for extracting:

- Smoke
- Gas



SWING ARMS

Swing arms

Simultaneous users	1
Capacity	Approx. 1000 m ³ /h
General information	The low vacuum product portfolio consists of swing arms, swing arms including filter and mobile units with filter.

Single user:



Flexi/Superflex



Mobiflex



Wallflex

COMPLETE EXTRACTION SOLUTIONS

Mobiflex



Suitable for:

- Smoke
- Gas
- Dust
- Fume

COMPACT UNIT
for single user

or

Mobiflex



COMPACT UNIT
for single user

or

Swing arm



Fan



Accessories

- Light kit incl. switch and 10 m of cable
- Transformer 220/12V for light kit
- Automatic start/stop of fan for hood
- Automatic start/stop of fan for welding

SM Fan



Suitable for:

- Up to 42 users

+

F-150/200




+

Spiro duct system



+

Swing arm



+

Accessories

- Light kit incl. switch and 10 m of cable
- Transformer 220/12V for light kit
- Automatic start/stop of fan for hood
- Automatic start/stop of fan for welding

LOW VACUUM

WHO WE ARE

Reglo AS is located in Andebu, Norway. Reglo AS manufactures the pneumatically operated access platforms WALL-MAN®, LIFTMAN™ and EFFEX extraction solutions for worldwide distribution.

WALL-MAN®, LIFTMAN™ and EFFEX have been present in the market for more than 30 years, making WALL-MAN®, LIFTMAN™ and EFFEX a recognized and valued system for both partners, distributors and end customers.

WALL-MAN®, LIFTMAN™ and EFFEX systems have been exported to over 40 countries, and entered various segments ranging from traditional commercial vehicles to military, aerospace, rail and engineering.

Reglo AS will continue to improve the products in accordance with norms and standards, needs and requirements of the market and the users, in order to still be the preferred partner in the market.



Located near the regional airport Sandefjord Torp and working with a large network of qualified distributors worldwide, Reglo is always close to the customers.



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