

**Nederman**

# Products and systems

for safe, eco-efficient blasting and recycling



# Vacuum blasting



*Interchangeable nozzles enable a closed blasting process of any shape*

Vacuum blasting is a completely closed and dust-free process where the surrounding area is not exposed to blasting media and dust. During blasting the blasting media is automatically drawn back into the unit, where it is cleaned and recycled. Work can be carried out more effectively with fewer interruptions for refilling of blasting media and the premises do not have to be cleaned after work.



**SB 750 Suction Blaster**  
Compact, mobile unit for non frequent usage in small repair shops, etc.



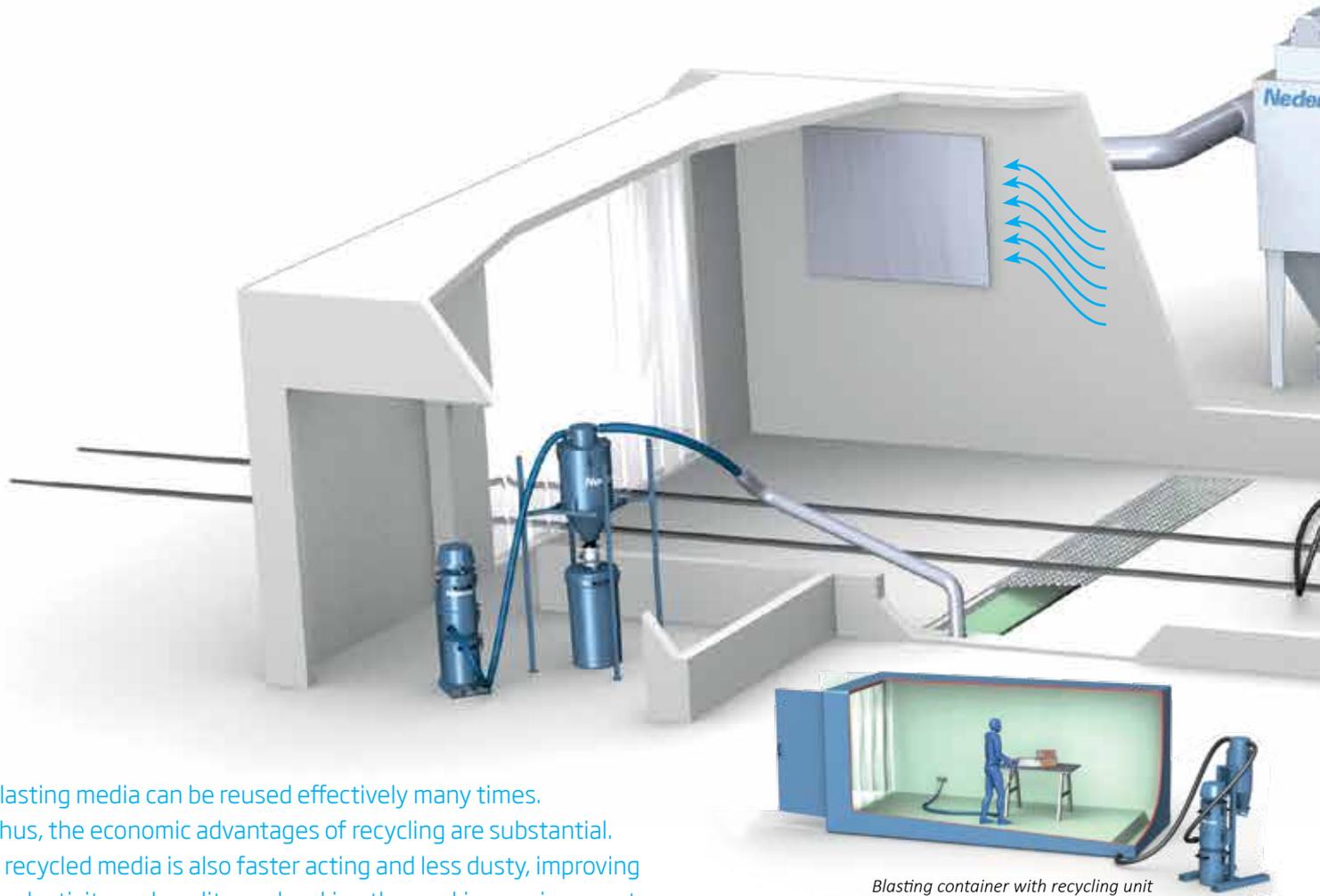
**Vacuum Blaster 418A/418E**  
Medium sized unit  
Blast vessel: 18 lit  
Pre-separator: 18 lit

A = Compressed air  
E = Electric motor



**Vacuum Blaster 460A/460E**  
Unit for frequent, heavy duty work  
Blast vessel: 60 lit  
Pre-separator: 60 lit

# Blasting media recovery



Blasting media can be reused effectively many times. Thus, the economic advantages of recycling are substantial. A recycled media is also faster acting and less dusty, improving productivity and quality, and making the working environment more clean.

Blasting container with recycling unit



## A-series

Compressed air driven units for heavy duty applications like recovery of blasting media. The powerful and reliable ejector enables transport of a lot of heavy material over long distances. By using a unit with a pre-separator the cleaned blasting media can refill the blast pot for re-use. Typical units are 471A, 570A, 600A, 710A & 722A. These units can be a good complement and/or alternative to other mechanical transportation methods inside a blasting hall. The modular configuration enables customization to fit specific customer needs.



## FB 500 Separator/Silo

Separator and silo with hopper for used media. To be connected to a vacuum unit, e.g. RBU or FlexPAK.



## FlexPak 800

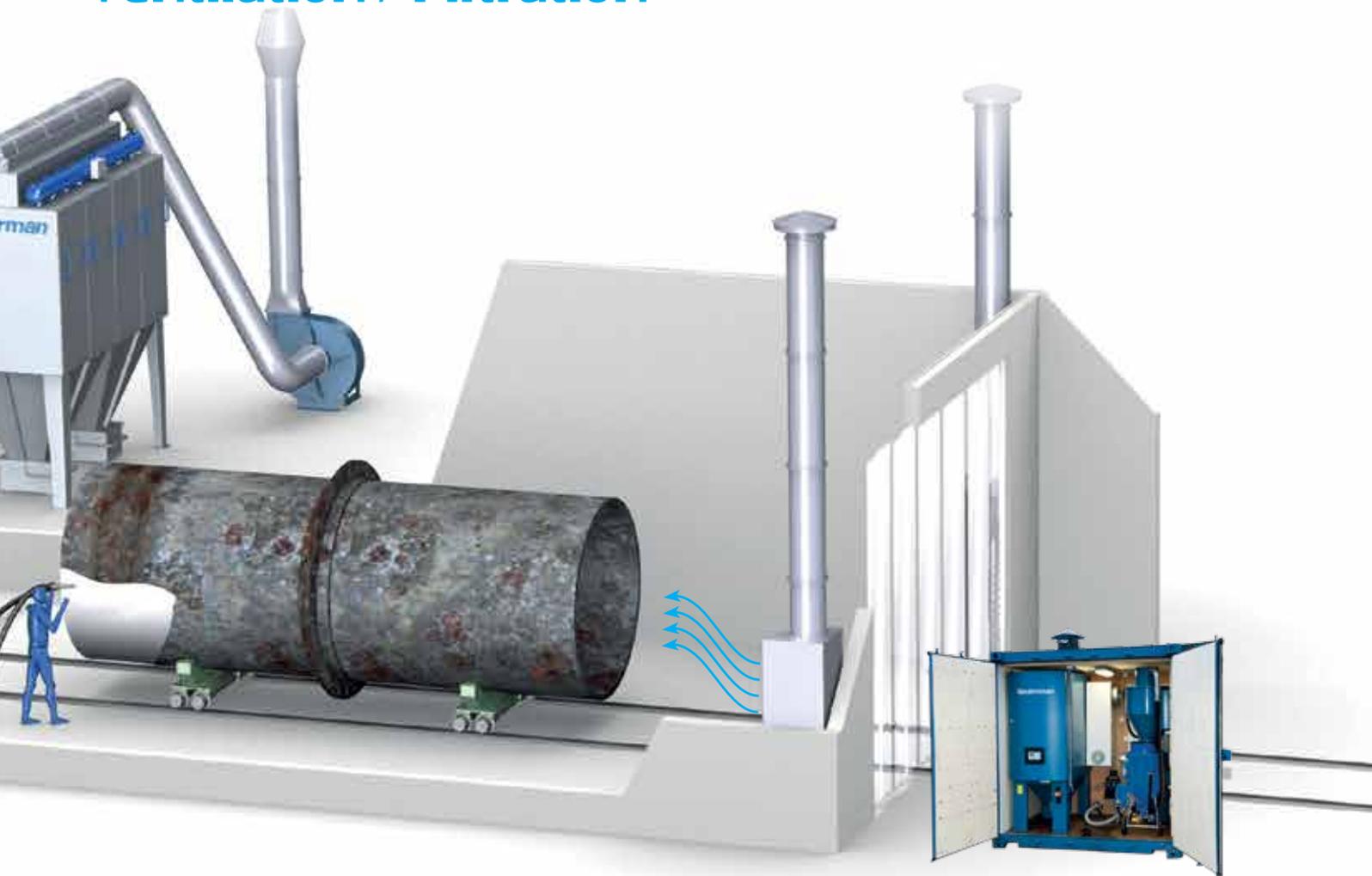
High vacuum unit for extraction/recovery of blasting media, dust and coarse particles. Also suitable for room cleaning. Automatic control of motor speed according to actual vacuum demand.



## RBU

Powerful vacuum unit for removing blasting media in systems with long hoses and large pressure drops. To be used together with Nederman Flexfilter and separators.

# Ventilation / Filtration



The blasting process creates a lot of dust and solid particles. To prevent health risk due to exposure of these particles efficient air extraction is needed. Another important reason is to reduce the temperature and maintain good visibility in the blasting room.

*This as an example of a blasting container equipped with a C25 filter and blasting media recycling unit*



## Filterbox standard

Small and compact unit for use with blaster cabinets. Mechanical cleaning. Capacity: 700-1600 m<sup>3</sup>/h



## Filtermax C25

Small to medium sized capacity unit for use in blaster containers or small blaster rooms. With integrated fan and cleanable cartridge filters. Capacity: 2 500 m<sup>3</sup>/h.



## FMC filters

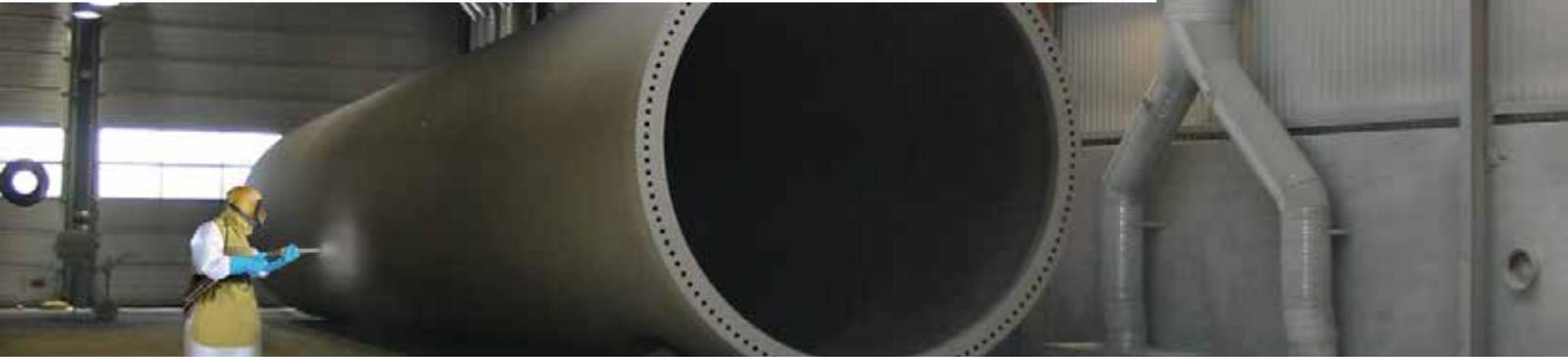
Medium to big sized capacity unit for use in blaster rooms. Modular filters with integrated or external fan and cleanable cartridge filters. Capacity: up to 20 000 m<sup>3</sup>/h.



## LCP filters

Big sized capacity unit for use in blaster rooms. Cleanable cartridge filters. Capacity: up to 65 000 m<sup>3</sup>/h.

# Safe and eco-efficient blasting



Abrasive blasting is one of the most effective ways to surface preparation. However, abrasive blasting can be a risk for workers' health and safety due to exposure to hazardous dusts, excessive noise and heat exhaustion. Nederman has a long experience of delivering solutions improving working conditions and boosting production economy. Our range of products and systems, covers the three main areas of blasting processes: Vacuum blasting, blasting media recovery and ventilation.

## ■ Vacuum blasting

Nederman vacuum blasters have taken blasting technology one step further by eliminating the traditional drawbacks of blasting.

It is a completely dust-free process where the surrounding area is not exposed to flying blasting medias.

## ■ Blasting media recovery

Recycling of blasting media is great potential for improved production economy.

Nederman has the equipment for small as well as large workshops.

## ■ Ventilation/Filtration

Proper ventilation at workplaces and in blasting rooms safeguards the employees' health as well as end-product quality. Nederman has filters for small containers to large blasting rooms and process lines.

The image features a scenic landscape with a calm lake reflecting a clear blue sky and a dense forest of green trees. The Nederman logo is positioned in the top left corner, overlaid on a white diagonal banner.

**Nederman**

Nederman is a world-leading environmental technology company. We filter, clean and recycle to create eco-efficient production in demanding industrial surroundings.

For more than 70 years, Nederman has developed, manufactured, and installed products and solutions to reduce the strain on the environment and improve working conditions in numerous industries.

Our products and systems have been ground-breaking in industries such as machining, metal fabrication, mining, auto motive, composite manufacturing, food, pharmaceuticals, wood-working, and many others.