

Portable, Mobile & Compact Extractions Units Industrial Vacuum Blasters

SB750



Original user manual

Declaration of Conformity

EN English

Declaration of Conformity

We, AB Ph. Nederman & Co., declare under our sole responsibility that the Nederman product: SB750 (Part No. **, and stated versions of **) to which this declaration relates, is in conformity with all the relevant provisions of the following directives and standards:

Directives

2006/42/EC, 2014/30/EU, 2014/35/EU, 2011/65/EU.

Standards

EN 60335-1:2012, EN 60335-2-69:2012, EN ISO 20607:2019.

The name and signature at the end of this document is the person responsible for both the declaration of conformity and the technical file.

**

70750070, 70750073, 70750170



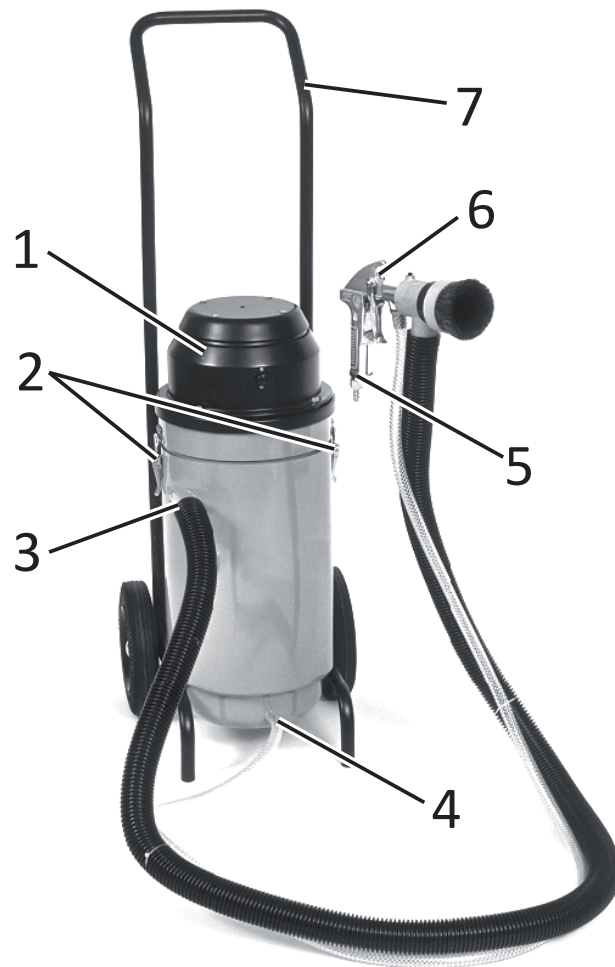
AB Ph. Nederman & Co.
P.O. Box 602
SE-251 06 Helsingborg
Sweden

Anna Cederlund
Product Center Manager
Technical Product Management
2023-05-11



Figures

1



2

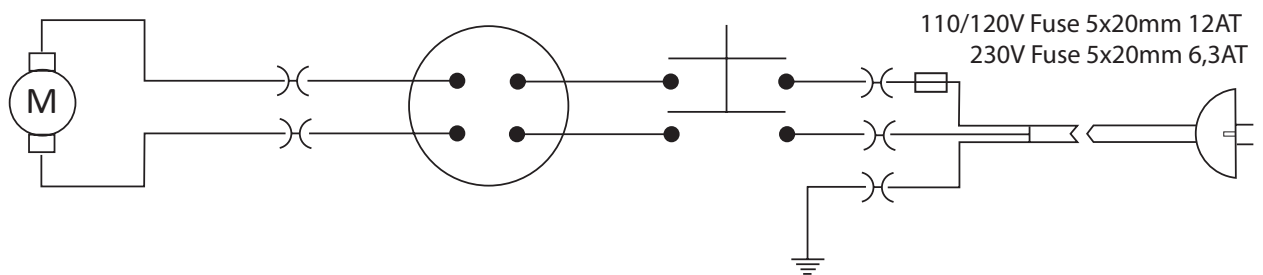


Table of contents

Figures	4
1 Preface	6
2 Safety	6
2.1 General safety instructions	6
3 Description	6
3.1 Electrical diagram	6
3.2 Technical data	7
4 Installation	7
5 Using SB750	7
6 Maintenance	7
6.1 Replacing filter/Refilling blasting material	7
7 Spare Parts	8
7.1 Ordering spare parts	8
8 Recycling	8

EN 1 Preface

Thank you for using a Nederman product!

The Nederman Group is a world-leading supplier and developer of products and solutions for the environmental technology sector. Our innovative products will filter, clean and recycle in the most demanding of environments. Nederman's products and solutions will help you improve your productivity, reduce costs and also reduce the impact on the environment from industrial processes.

Read all product documentation and the product identification plate carefully before installation, use, and service of this product. Replace documentation immediately if lost. Nederman reserves the right, without previous notice, to modify and improve its products including documentation.

This product is designed to meet the requirements of relevant EC directives. To maintain this status, all installation, maintenance, and repair is to be done by qualified personnel using only Nederman original spare parts and accessories. Contact the nearest authorized distributor or Nederman for advice on technical service and obtaining spare parts. If there are any damaged or missing parts when the product is delivered, notify the carrier and the local Nederman representative immediately.

2 Safety

This document contains important information that is presented either as a warning, caution or note, according to the following examples:

**WARNING! Risk of personal injury**

Warnings indicate a potential hazard to the health and safety of personnel, and how that hazard may be avoided.

**CAUTION! Risk of equipment damage**

Cautions indicate a potential hazard to the product but not to personnel, and how that hazard may be avoided.

**NOTE!**

Notes contain other information that is important for personnel.

2.1 General safety instructions**CAUTION! Risk of equipment damage**

- Follow the instructions in this manual.
- This machine is only to be used for blasting.
- Do not modify or make any changes to the machine or its components.
- Do not rebuild the machine or its components without written permission from the manufacturer.
- Do not use other spare parts, than those corresponding with the manufacturer's specifications.
- Only use tools and accessories supplied by the manufacturer.
- The machine must not be used in an explosive environment.
- Always disconnect the supply voltage with the maintenance switch before any service, whether mechanical or electrical.
- Always disconnect the compressed air supply before any service, whether mechanical or electrical.

3 Description

See [Figure 1](#).

- 1 Motor package
- 2 Eccentric locks
- 3 Hose connection, suction hose
- 4 Hose connection, blasting material
- 5 Connection compressed air
- 6 Blasting gun
- 7 Handle

3.1 Electrical diagram

For a wiring diagram with radio filter, see [Figure 2](#).

3.2 Technical data

SB750	
Unit	
Dimensions	1 050 x 300 x 350 mm
Weight	14 kg
Efficiency	960 W
Voltage: I	230 V, 1-phase
Voltage: II	120 V, 1-phase
Sound level	83 dBA
Blasting gun	
Max air pressure	8 bar
Air consumption	500 l/min at 6 bar (17 cfm at 88 psi)

4 Installation

Before starting to blast:

- 1 Release the eccentric locks and remove the motor package.
- 2 Lift out the filter and the dust bucket.
- 3 Connect the hose to the blasting machine.
- 4 Fill with blasting material (5 l).
- 5 Re-assemble the dust bucket, filter and motor package.
- 6 Connect compressed air to the blasting gun.
- 7 Connect the blasting machine to a socket for the intended voltage.
- 8 Mount a suitable nozzle on the blasting gun.

5 Using SB750



WARNING! Risk of personal injury

- Use the necessary personal safety equipment.



- It is absolutely forbidden to point the blasting gun towards people or animals. It must only be pointed towards the workpiece intended to be blasted.
- The blaster sand may cause irreparable damage to the eyes and body parts.

- 1 Put on the required safety equipment.
- 2 Move the blasting gun towards the workpiece. You must never point the gun at yourself nor at anyone else.
- 3 Start blasting by pressing the trigger and keeping it pressed. Blasting stops when you let go of the trigger.

6 Maintenance

6.1 Replacing filter/Refilling blasting material

Inspect the filter regularly and replace it if the filter is worn and/or the suction capacity is low.

Disconnect the machine from the mains and turn off the compressed air.

- 1 Release the eccentric locks and remove the motor package.
- 2 Lift out the dust bucket and the filter. Replace, if necessary.
- 3 Fill with blasting material (5 l).
- 4 Re-assemble the dust bucket, filter and motor package.
- 5 Re-connect the machine to the mains.
- 6 Turn on the compressed air again.
- 7 Handle the used blaster sand with regards to the materials that have been blasted. Follow applicable waste regulations. Contact your local authorities for guidance.

7 Spare Parts

**CAUTION! Risk of equipment damage**

Use only Nederman original spare parts and accessories.

Contact your nearest authorized distributor or Nederman for advice on technical service or if you require help with spare parts. See also www.nederman.com.

7.1 Ordering spare parts

When ordering spare parts always state the following:

- The part number and control number (see the product identification plate).
- Detail number and name of the spare part (see www.nederman.com/en/service/spare-part-search).
- Quantity of the parts required.

8 Recycling

The product has been designed for component materials to be recycled. Different material types must be handled according to relevant local regulations. Contact the distributor or Nederman if uncertainties arise when scrapping the product at the end of its service life.

Nederman

www.nederman.com