

**ROMUS**

MONOBRUSH SANDY 3  
Ref. 394476 - 394480

INSTRUCTIONS FOR USE



USE  
MANUAL



English

HANDLEIDINGVOOR  
HET GEBRUIK



Flemish

MANUAL DE USO



Español

BEDIENUNGS UND  
WARTUNGSANLEITUNG



Deutsch

MANUALE  
USO



Italiano

INSTRUKCJA  
UŻYTKOWANIA



Polski

NÁVOD K  
POUŽITÍ



Česky



**CONTENTS**

<b>MACHINE SUPPORT</b>	<b>4</b>
<b>FOREWORD</b>	<b>4</b>
<b>GENERAL SAFETY STANDARDS</b>	<b>5-6</b>
<b>TECHNICAL DESCRIPTION</b>	<b>6</b>
<b>SYMBOLS USED IN THE MANUAL</b>	<b>7</b>
<b>MACHINE PREPARATION</b>	<b>7</b>
BEFORE COMMISSIONING THE MACHINE	7
HANDLING THE PACKED MACHINE	7
HOW TO UNPACK THE MACHINE	7
WATER TANK ASSEMBLY - SOLUTION	8
BRUSH - DRIVE DISC ASSEMBLY	8
PREPARING TO OPERATE THE MACHINE	9
MACHINE OPERATION	9
DETERGENT SOLUTION DISPENSING	9
<b>AT THE END OF THE JOB</b>	<b>10</b>
REMOVING THE BRUSH -THE DRIVE DISK	10
<b>DAILY MAINTENANCE</b>	<b>10</b>
CLEANING THE RECOVERY TANK	10
<b>CONTROLLED OPERATION</b>	<b>10</b>
INSUFFICIENT WATER ON BRUSH	10
MACHINE DOES NOT CLEAN PERFECTLY	11
MACHINE STOPS DURING OPERATION	11
THE MACHINE VIBRATES AND OSCILLATES	11
<b>ACCESSORIES</b>	<b>11</b>
<b>CE Declaration of Conformity</b>	<b>12</b>



Machine support

When picking up the machine, immediately check that you have received all the materials listed in the accompanying documents. Also check that the machine has not been damaged in transit. If so, have the freight forwarder check the extent of the damage and inform our Customer Service department at the same time. Only by doing this promptly will it be possible to obtain the missing equipment and compensation.

Foreword

This machine has been designed for the professional cleaning of hard floors on interior surfaces in accordance with the instructions. Any use of the machine for other purposes is dangerous and therefore prohibited. The machine is suitable for collective use. For example, in hotels, schools, hospitals, factories, offices and residential hotels. Even the best machine can only work perfectly and profitably if it is used correctly and kept at full performance. This brochure provides you with all the information you need to use ROMUS single disc machines in a safe and proper manner. It should always be kept at the user's disposal. Please read this instruction manual carefully, and re-read it whenever you encounter difficulties in using the machine. We would also like to remind you that our after-sales service, set up with the help of our dealers, is always at your disposal for any advice or direct intervention.



GENERAL SAFETY STANDARDS

- The machine may not be used for any purpose other than that described in these operating instructions or provided for in the contract. It is forbidden to use the machine if it is not in good condition or if the following standards are not observed:
- Read the labels on the machine carefully, do not cover them for any reason, and replace them immediately if they are damaged.
- Read these operating instructions CAREFULLY before starting up or servicing the machine.
- Use of the machine in closed environments must comply with the standards in force in the country of use.
- Do not use the machine for purposes other than those for which it is intended.
- Do not place containers of liquids on the machine.
- Always ensure that work surfaces, slabs and ramps are able to support the weight of the machine.
- Keep a safe distance from people in the work area, especially children.
- Do not reach into the machine while it is running.
- Do not remove fairings and/or covers while the machine is running.
- Do not operate the machine without the covers.
- Do not approach the machine with clothing that could get caught. AVOID the use of scarves, shawls and loose-fitting garments.
- The machine is not suitable for cleaning carpets or textile floors.
- Use only the brushes supplied with machine or the brushes indicated in these instructions. use and maintenance instructions. Use other brushes may compromise safety.
- The machine may only be operated by authorized personnel trained in its use and who are familiar with these safety standards.
- The power cable socket must be properly earthed.
- With the brush running, avoid touching or jumping over the cable. Avoid damage it as a result of
- crushing, bending or stressing.
- If the power cable is damaged, stop the machine. If it is working, disconnect the mains plug and have the cable replaced immediately by a ROMUS service center.
- Do not mix different detergents to prevent the production of harmful gases.
- Do not place containers of liquids on the machine.
- Storage temperature must be between -25° C and +55 C.°
- Optimum operating temperature is between 0° C and 40 C.°



# GENERAL SAFETY STANDARDS

- Humidity should be between 30 and 95%.
- Do not use the machine in an explosive atmosphere or in the presence of flammable or unhealthy powders or liquids.
- Do not use acid solutions which could damage the machine.
- The detergent solution must not exceed a temperature of 50° C. Each detergent must be used in the correct concentration and
  - according to the manufacturer's specifications.
- Do not leave the machine stopped on the brush/disc, to damage.
- In case of fire, use dry chemical extinguishers. Do not water.
- Do not strike against shelving or scaffolding where objects fall.
- Carry out washing operations in areas where unauthorized access is prohibited attendants. Mark wet soil areas with special signs.
  - In the event of machine malfunctions, check that they are not due to a lack of power. maintenance. If this is not the case, contact ROMUS after-sales service.
- If you need to replace parts, ask your dealer and/or authorized dealer for ORIGINAL spare parts.
- Before servicing, cleaning and/or converting unit to another function, disconnect the machine from the power supply.
- Do not remove covers the use tools.
- Do not wash the machine with direct or pressurized water , or with corrosive substances.
- Have the machine inspected annually by a ROMUS service centre.
- Do not abandon the machine while it is being scrapped, as it contains materials which are subject to special disposal regulations.
- Do not disconnect the power supply while the machine is running.

# TECHNICAL DESCRIPTION

TECHNICAL DESCRIPTION		394476	394480
Working width	mm	430	430
Number of brush revolutions	Revs/mn	140	140
Machine height (at handlebars)	cm	118	118
Machine height (to motor)	cm	61	61
Supply voltage	V	220-240	220-240
Power	W	1800	2100
Advance type		semi-automatic.	semi-automatic.
Machine weight	Kg	38	42
Cable length	m	10	10
Solution tank	l	18	18

**SYMBOLS USED ON THE MANUAL**



**Warning symbol**  
**For operator and machine safety, please read the sections preceded by this symbol carefully.**

**MACHINE PREPARATION**

**BEFORE COMMISSIONING THE MACHINE**

In principle, delivery of the machine, explanation of safety regulations, operation, maintenance and initial start-up are carried out by an authorized ROMUS operator. If this is not the case, the user is responsible for training the machine operator in the use and safety standards described in this manual.

**HANDLING OF PACKAGED MACHINERY**

The machine is enclosed in special packaging, fitted with a platform for handling using trucks. No more than two packages may be stacked on top of each other.

**HOWTOPACKTHEMACHINE**

- 1. Open top side to unpack.
- 2. Remove the machine from the top.
- 3. Avoid sudden shocks to the baseplate.



MOUNTING THE WATER TANK - SOLUTION

Before connecting the machine to the mains, place the water tank on the handle of the machine as shown in the picture. Secure the tank with the bracket marked **1**, locking it with the threaded knob marked **2**. Insert the free end of the tube indicated with **3** into the connector on the bottom of the tank.

Insert the other end into the hole on the casing for the drive plate, and into the hole on the sun gear for the sun gear.

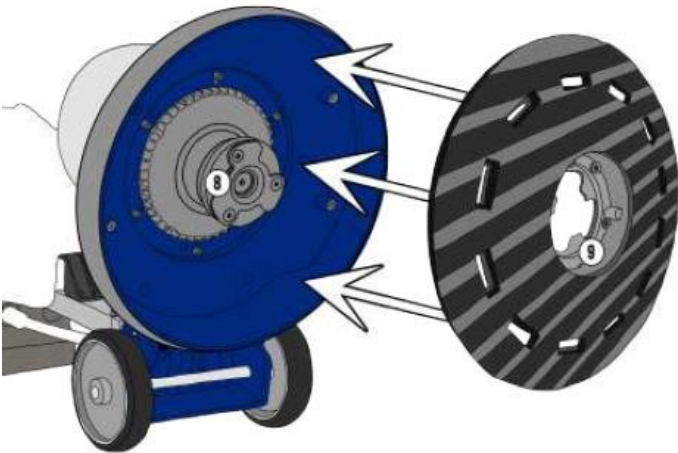


The detergent solution must not exceed a temperature of 50° C. Each detergent must be used at the correct concentration and according to the manufacturer's specifications.

**WARNING:**

- Do not pure acids
- Do not mix detergents or acids of different origin.

MOUNT THE DISQUE BRUSH EN TRAINER



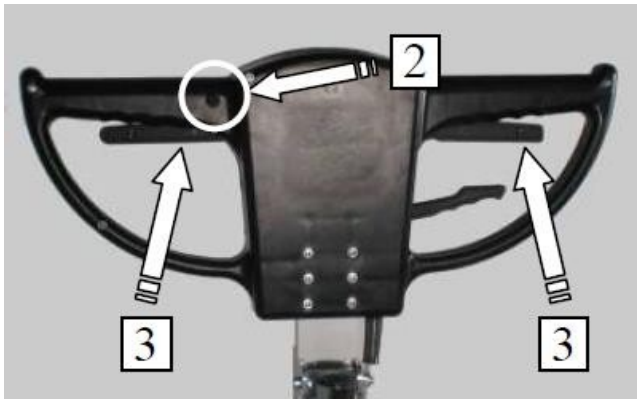
Position the drive plate so that the mechanism fits into the shape of the plate hook.



**PREPARING THE MACHINE FOR OPERATION**

Start the machine using the switch only, never by plugging or unplugging the machine. Never pull on the power cord to unplug the machine. Never force the electrical cable. **SAFETY SWITCH:** the safety switch is located behind the handle, and prevents the machine from accidentally starting. To start the machine, always press this safety switch (2) and then press the **CONTROL LEVER** (3) to start the machine.

**IMPORTANT NOTE:** If you encounter any difficulties while working, immediately release the levers and the machine will stop automatically. Do not attempt to start the machine if the handle is in the raised position or if it is not in a comfortable position for the operator, as this could be dangerous for the operator and the machine.



**MACHINE OPERATION**

The first an operator uses the machine, he must familiarize himself with the movements to be made on the handlebars to obtain sufficient safety with regard to the machine's direction of movement; consequently, do not operate the machine close to people or obstacles.

Work in slow movements to the right and left, if possible moving backwards so that the operator is always in the area of the floor that has not yet been cleaned.

Always keep the power cable behind the operator, taking care not to work with the machine close to him, to avoid damaging it. Do not overload the same area to avoid damaging the floor, even when using the same type of brush or abrasive disc.

**DETERGENT SOLUTION DISTRIBUTION**

If necessary, pour detergent solution onto the brush using the lever on the tank.



# AT THE END OF THE JOB

DEMONTAGEDE LABROSSE- DUDISQUEENTRAINEUR

The machine must never rest on the brush or sanding disc. In fact, the weight of the machine could permanently deform them, creating vibrations and oscillations during operation.

To remove the brush, pull the positioning lever to position the handlebars vertically, tip the machine backwards so that it can rest on the wheels, and rotate the disc to release it.



**WARNING:**  
Before carrying out any type of maintenance, disconnect the power supply. It is only possible to fit the brush/tractor disk manually if the mains plug is disconnected and special hand protection gloves are worn.

# DAILY MAINTENANCE

CLEANINGRECOVERY TANK

Before storing the machine:  
Inspect the power cable for damage. After disconnecting the water supply hose from the inlet port, remove the tank from its seat, clean it with a jet water, empty it and refit it to the machine. Clean the machine with a damp cloth. Periodically check state of wear of the brush or abrasive disc and, if necessary, obtain new ones.

# FUNCTION CONTROL

INSUFFICIENT WATER IN LABROSSE

Check that the bottom valve, controlled by the lever protruding from the tank and used drain the detergent solution, is not blocked. If it is, clean it by rinsing the tank.



THE MACHINE DOES NOT CLEAN PERFECTLY

Check brush and grinding wheel for wear and replace if necessary. The brush should be replaced if the bristles are about 15 mm high. For replacement, see paragraphs: "DISASSEMBLING THE BRUSH /DISQUEENTRAINEUR "and "MONTAGEDELABROSSE/DISQUEENTRAINEUR".

LAMACHINE VIBRATES ANDOSCILLATES

To remedy this problem, replace the brush or the abrasive pad. For replacement, see paragraphs: "DISASSEMBLING THE BRUSH/ABRASIVE DISK" and "ASSEMBLING THE BRUSH/ABRASIVE DISK".

**WARNING:**  
for any other inconvenience, please contact theROMUS after-sales service.

ACCESSORIES

94452-Disc "DE-AB "PVCdrive for abrasives



94471-DE-PADS" quad bike training deck



94470-Disque-brosserécirage«DBR-3843»



394498-Lotof2additionalweights12kg+screws/Sandy3



394774-Standard suction cup "JA-S3 "for "Sandy3

394465-Detergent tank "RD-S3" 18Lfor "Sandy3



394445-De-multipliedplanetarydisc "DMD-S3 "for "Sandy3"

394446-Reinforcedsuctionsirt "JAR-S3 "for "Sandy3



394450-Self-gripping 150mm abrasive discs for "DMD-S3



394459-DisquediamantGr.40140mmpour«DMD-S3»



394458-Diamond disksuperscraperfor "DMD-S3



