

Sponge Cleaner

Manual P/N 768 651 A
– English –

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NORDSON (UK) LTD • STOCKPORT

Order number

P/N = Order number for Nordson products

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Table of Contents

Safety Instructions	1
Introduction	1
Safety	1
 Description	 2
 Operation	 3
Cleaning Long Sponges	3
Cleaning Short Sponges	3
 Technical Data	 4
Dimensions	4
Power Supply Data	4
Plumbing Installation	4
 Installation	 5
Motor Connection	5
Setting Roll Gap	5
 Maintenance	 5
 Spare Parts List	 6
Main components	6
Wringer Unit	7
Spray collar	8
Control Box	9

Safety Instructions



WARNING: Allow only qualified personnel to perform the following tasks. Observe and follow the safety instructions in this document and all other related documentation.

Introduction

This manual contains information and instructions on the operation, startup and maintenance of the system and its components. The guarantee applies only if the instructions in the manual are followed.

Safety

- The sponge cleaner may be repaired only by properly trained personnel approved by Nordson.
- The sponge cleaner may not be used for any other purpose than that described in the manual.
- The cover may be removed only to service the system. The sponge cleaner must be voltage-free before the cover is removed.

Description

When the unit is switched on, the pair of wringer rolls begins to rotate, and cleaning water comes out of the water nozzles on the spray collar.

The rolled up sponge band is placed in the deeper collecting pan for the cleaning process. The beginning of the band is slid by hand through the spray collar to the pair of rolls (direction of arrow). A guide plate underneath ensures that the sponge band is positioned correctly horizontally.

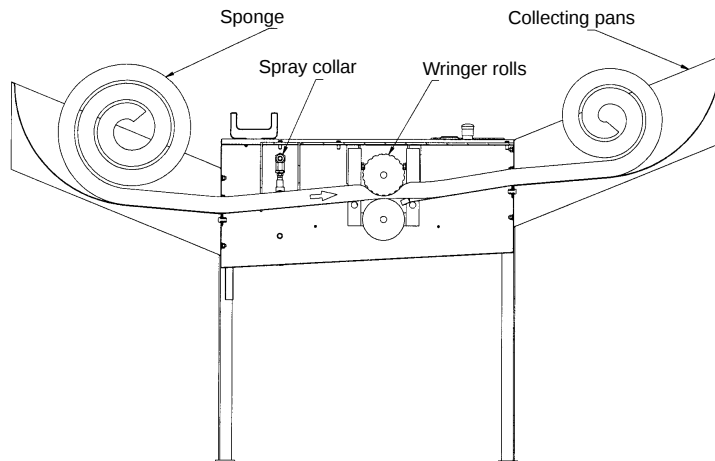
The spray collar then rids the sponge band of powder residue. The next pair of rolls pulls the sponge band along and wrings its out to the desired (set) remaining dampness.

As the sponge band leaves the system, the beginning of the sponge band is folded over. This causes the sponge band to roll up again.

The cleaned sponge can then be put back into place at the booth or stored in the sponge container – end of unit near bottom.

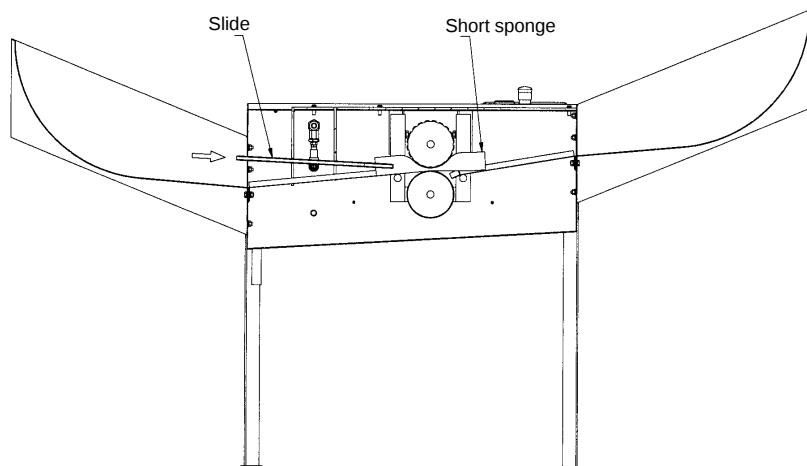
Operation

Cleaning Long Sponges



The sponge cleaner is used to clean Speedking sponge bands. A spray collar with water is used to remove powder residue from the sponge band. The subsequent pair of wringer rolls wrings the sponge to the desired remaining dampness. Collection pans on both sides make it easier to insert and remove the sponge from the system.

Cleaning Short Sponges



For safety reasons, short sponges (under 500 mm) may not be fed to the wringer rolls by hand. The slide should be used for this purpose. It prevents fingers from being pinched between the wringer rolls.

Technical Data

Dimensions

Length	2200 mm
Width	630 mm
Height	1170 mm
Weight	80 kg

Power Supply Data

Electrical Connection	230 V / 50 Hz
Electrical line	0.18 kW

Plumbing Installation

Fresh water connection	3/8"
Line pressure	Min. 4 bar

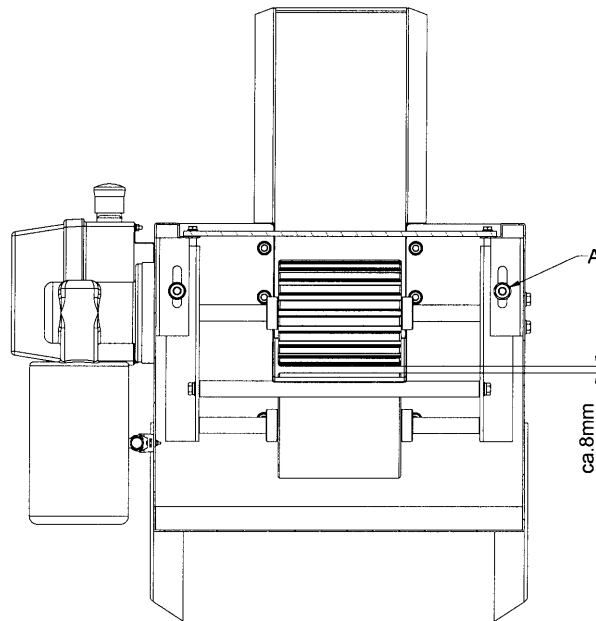
Installation

Motor Connection

230 V / 50 Hz

delta

Setting Roll Gap



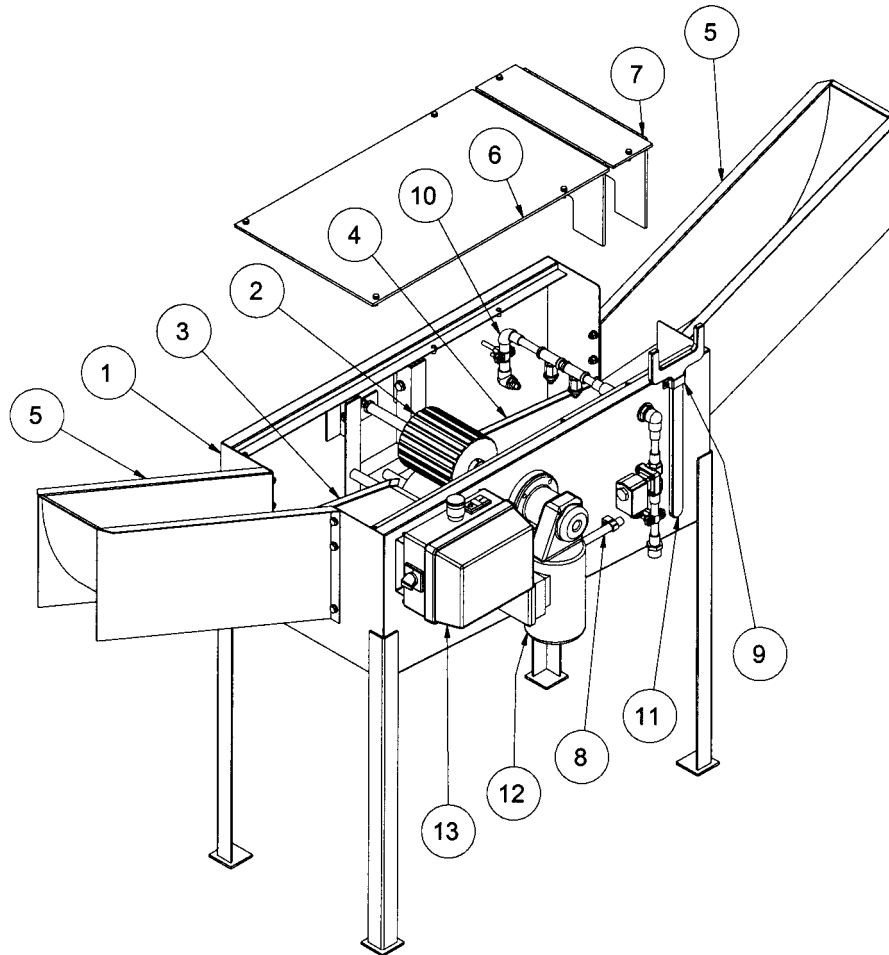
Loosen the four screws (A) with a wrench and adjust the gap to the desired value. Then tighten the screws again. The wringer rolls must have the same setting on both sides.

Maintenance

The sponge cleaner is maintenance-free; however, it should be kept clean.

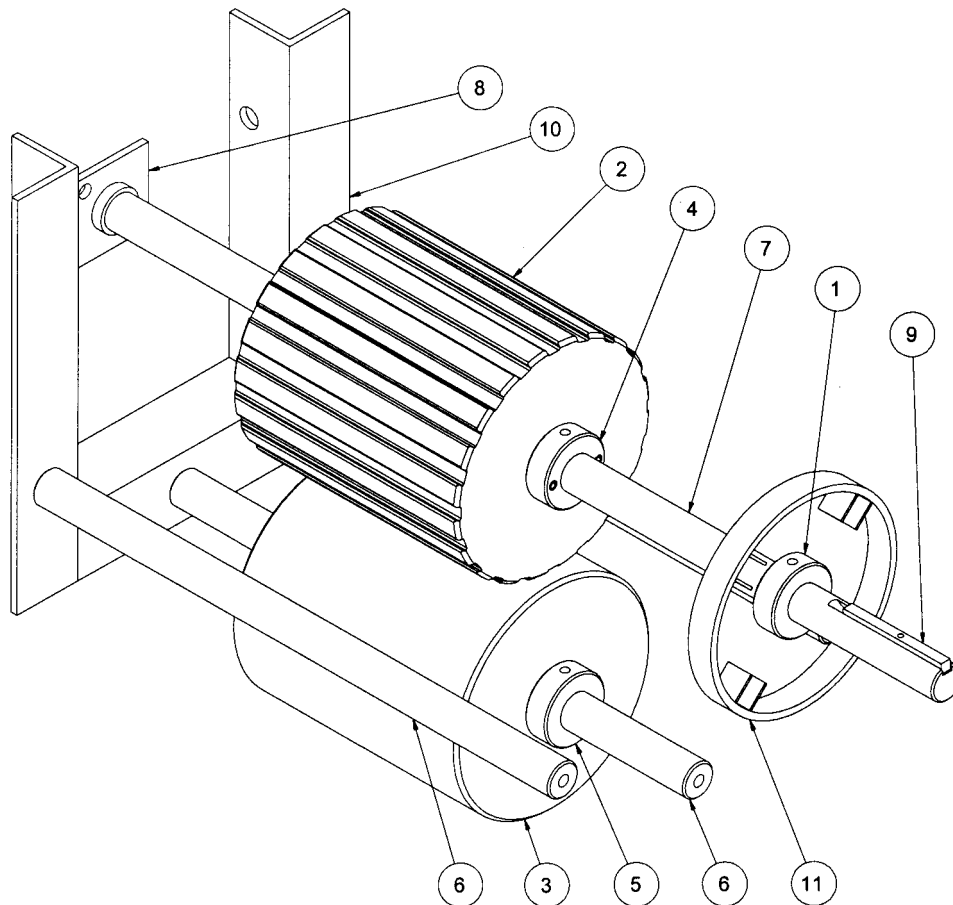
Spare Parts List

Main components



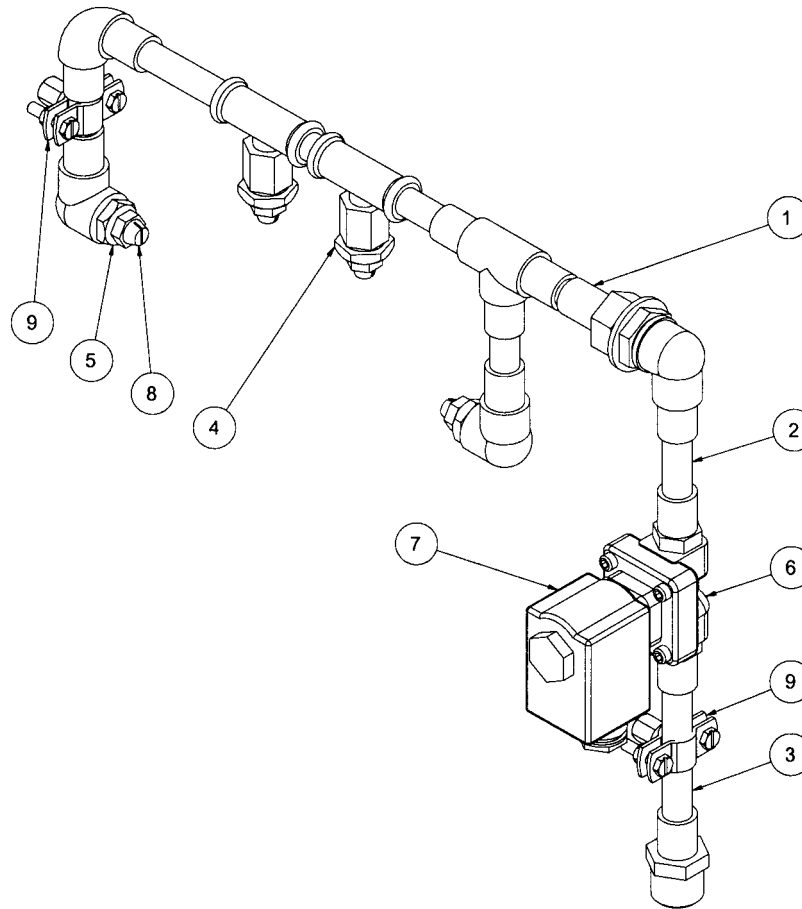
Item	Part	Description	Quantity
1	2400201	Reservoir	1
2	2400203	Wringer roll	1
3	2400211	Short guide plate	1
4	2400212	Long guide plate	1
5	2400214	Collecting pans	2
6	2400216	Cover	1
7	2400217	Spray collar cover	1
8	2400218	Electrical pipe	1
9	2400220	Bracket	1
10	2400230	Spray collar	1
11	2400240	Slide	1
12	9100049	Worm gear motor	1
13	9100642	Control box	1

Wringer Unit



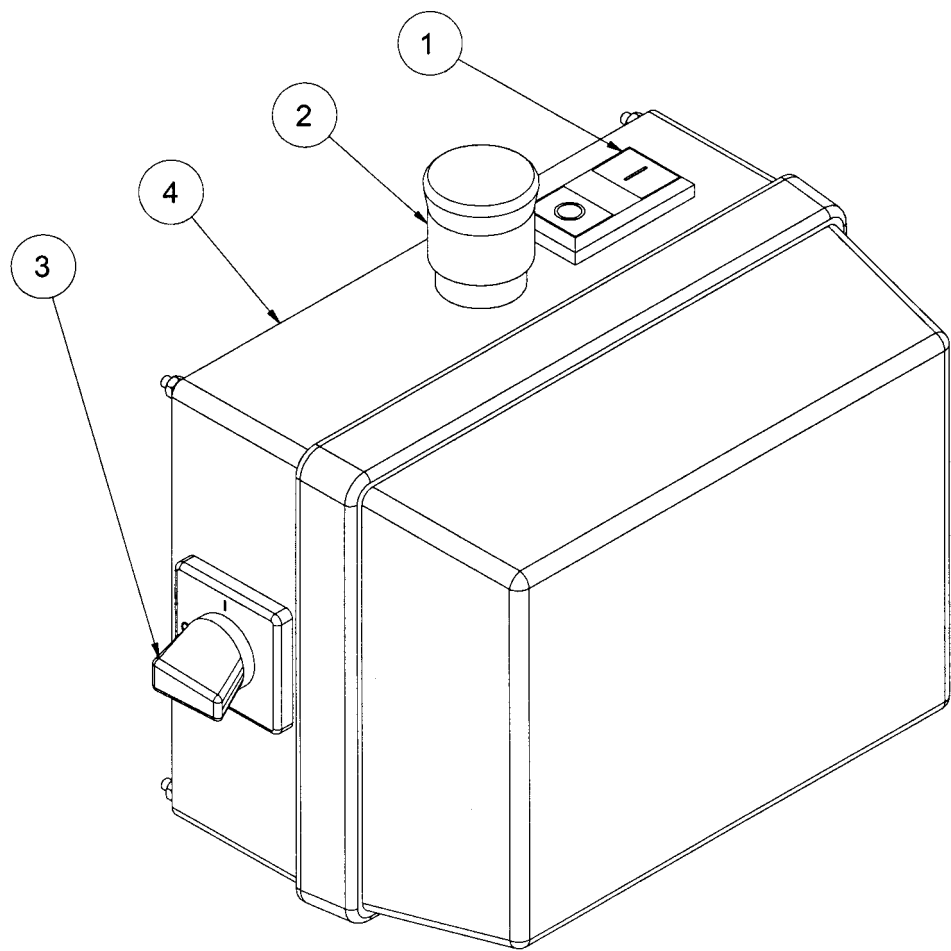
Item	Part	Description	Quantity
1	2400202	Set collar	1
2	2400203	Drive roll	1
3	2400204	Wringer roll	1
4	2400205	Pulling ring	2
5	2400206	Positioning ring	2
6	2400207	Shaft	3
7	2400208	Drive shaft	1
8	2400209	Bearing block	1
9	2400210	Key	1
10	2400213	Setting angle	1
11	2400215	Shim ring	1

Spray collar



Item	Part	Description	Quantity
1	2400231	Spray collar	1
2	2400232	Top pipe	1
3	2400233	Bottom pipe	1
4	9200112	Reducing nipple 1/2"-1/4"	2
5	9200113	Reducing nipple 3/8"-1/4"	2
6	9200220	Water valve 1/2"	1
7	9200221	Terminal box	1
8	9200903	Fan nozzle	4
9	9900010	Pipe clip d15	2

Control Box



Item	Part	Description	Quantity
1	9100639	Double pressure key	1
2	9100640	EMERGENCY OFF key	1
3	9100641	Dial	1
4	9100642	Tapping box	1

