

Instruction



Preventive Maintenance Kit Major Plate Processors Polymer

IMPORTANT!

Please keep this instruction with other machine documentation as future reference when ordering spareparts. The spareparts concerning this kit are as listed in "KIT CONTENTS".

Part No 10061705 C

20-02-2012

Introduction

This instruction is valid for **Kit nos 10061663 and 10061665.**

Products covered

The above mentioned preventive maintenance kits are for the following processors:

**Plate Processors 85 Polymer serial nos 95502, 95503, 95504, 95554, 95556
93778, 93805, 94213, 94362, 94412.**

**Plate Processors 125 Polymer serial nos 95522, 95523, 95555, 95557, 93779,
94214, 94370, 94526.**



Verify that the serial number specified on the processor name plate located on the rear end of the tank on the left side is listed above.

Kit contents

Check contents of the kit and make sure that all parts are present and in good condition.

The kit consists of:

Item	Part No	Specification	Quantity	
			10061663	10061665
1	10005392	BEARING,SHAFT,DRIVE	1	1
2	88961	BEARING,THRUST,AXIAL	4	4
3	10051730	BEARING,ROLLER,PREHEAT	6	6
4	10005993	GUIDE,PTFE,PREHEAT	10	-
5	10031946	GUIDE,PTFE,PREHEAT	-	10
6	10024652	MOTOR, DRIVE	1	1
7	10063238	MOTOR, BRUSH	3	3
8	10061705	INSTRUCTION (THIS INSTRUCTION)	1	1

Estimated time



Estimated time for the installaton of the kit is 240 minutes.

Maintenance intervals



Carry out this maintenance procedure either after below specified processing hours, or after specified years after installation of the processor, whatever comes first.

Processing hours	or	Years after installation	Maintenance	Kit no		
				85		125
				DEV pump 20	DEV pump 40	
1500	or	1	MINOR	10061667	10061667	10061670
3000	or	2	MEDIUM	10061668	10061683	10061679
4500	or	3	MINOR	10061667	1061667	10061670
6000	or	4	MAJOR	10061669	10061684	10061680
7500	or	5	MINOR	10061667	10061667	10061670
9000	or	6	MEDIUM	10061668	10061683	10061679
10500	or	7	MINOR	10061667	10061667	10061670
12000	or	8	MAJOR	10061669	10061684	10061680

Before Installation

Read this instruction sheet carefully and ensure it is fully understood before commencing the installation procedure. Seek clarification of anything that is not clear.



The exchange procedure must only be carried out by a well qualified service technician who is familiar with the equipment.



Install the Preventive Maintenance Kit Minor and Medium together with this kit.

Safety



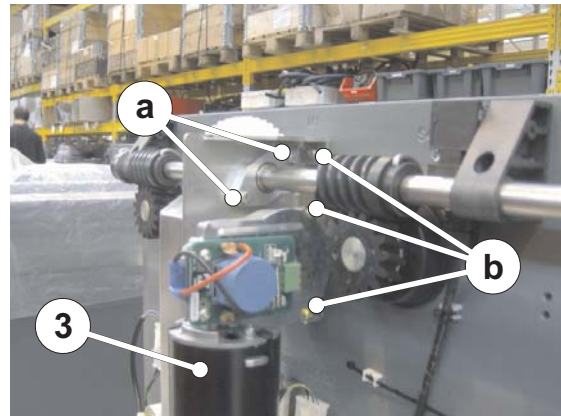
Before any work is carried out, ensure that the processor is switched off, and disconnected from the electricity supply. It is recommended that the mains supply be locked off using a padlock or similar, and then a check made to ensure that the processor will not run.

Procedure

Motors

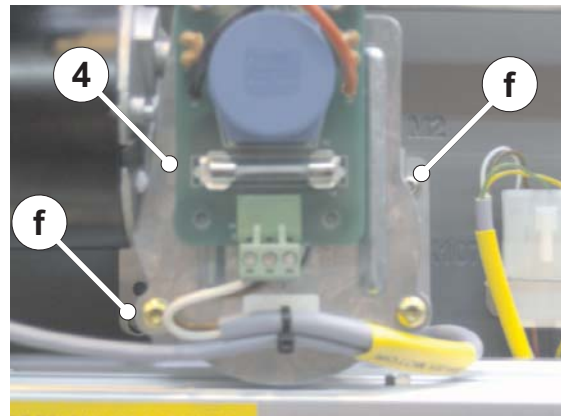
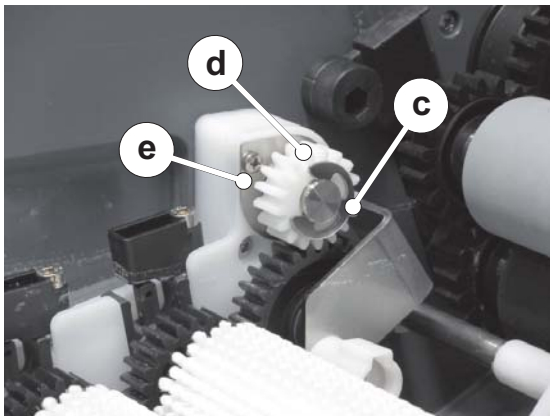
Drive motor

- Open the top covers, remove the fenders.
- Disconnect the cable from the drive motor.
- Dismount the screws from house bearing (a).
- Dismount the screws (b) that hold drive motor bracket to the tank.
- Replace the drive motor (3) after replacement of drive shaft parts is completed.



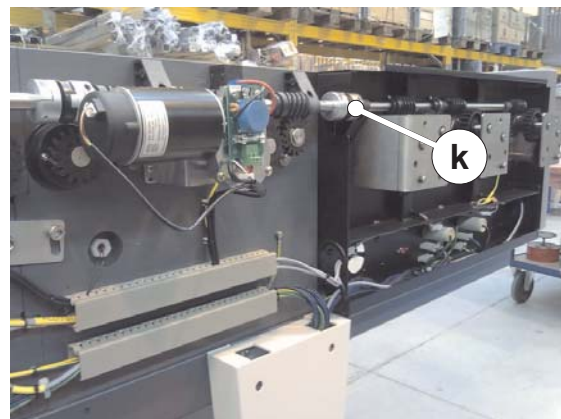
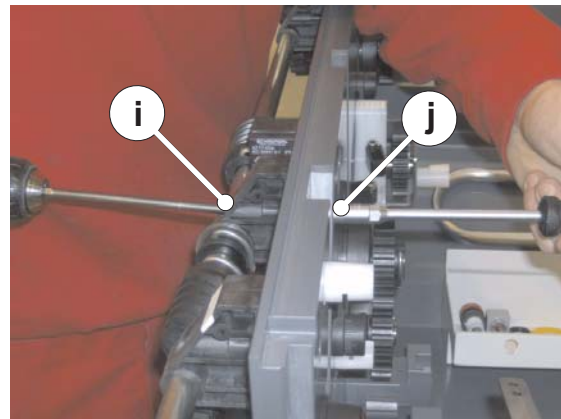
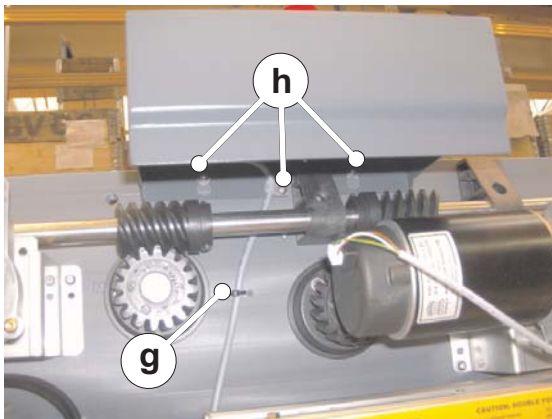
Brush motors

- Disconnect the brush motors cables.
- Take off the circlip (c), gear (d), seal (e) from the the brush bearings inside the tank. For procedure refer to the Preventive Maintenance Kit Minor instruction.
- Dismount the two screws (f) that hold the brush motor (4).
- Replace the motor (4) after replacement of drive shaft parts is completed.

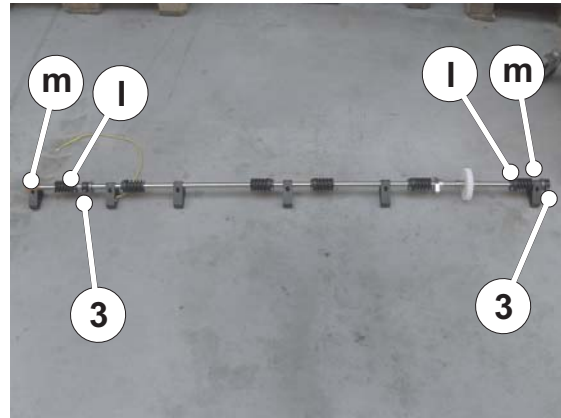
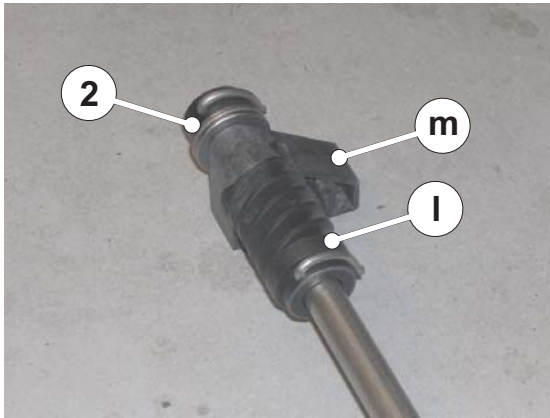


Drive shaft

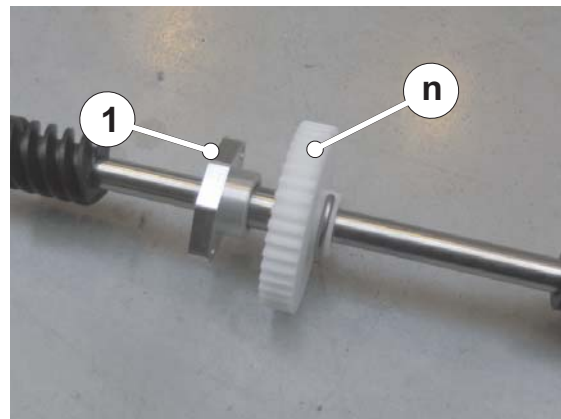
- Cut the cable strip (**g**).
- Dismount the three screws (**h**) that hold safety stop bracket.
- Put aside the safety stop bracket.
- Disconnect the drive shaft ground cable.
- Loosen the screws on the couplings (**k**).
- Dismount the screws (**i**) and nuts (**j**) that hold the drive shaft bearings to the tank as shown and then remove the complete drive shaft.



- Dismount r-clips from the axial bearings (2) and from the worm gears (l).
- Remove the bearings (m) and the worm gears (l).



- Dismount r-clip from the gear (n) and remove it.
- Replace the drive shaft bearing (1).
- Remount the worm gears and bearings.
- Replace the axial bearing (2).
- Remount the complete drive shaft onto the tank.
- Remember to mount the ground cable.



Preheat

 Allow at least 3 hours for the preheat to cool down before carrying out the following procedure.

- Remove the top cover from the preheat section.
- Lift and take off the preheat lids (p).
- Loosen the four screws (r) and lift the preheat section.
- Pull out the guides and replace them with the new (4 or 5).
- Remount the preheat section and place back the preheat lid.

