

# 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 10062256 C**

**30-04-2014**

# Introduction

This instruction is valid for **Kit no 10062188** (Cannot be ordered separately).

## Products covered

The above mentioned preventive maintenance kit is for the following processors:

**Plate Processors 68 Polymer** serial nos 92610, 92903, 93101, 93395, 10061410, 92716, 92728, 92733, 92734, 92735, 92736, 92761, 92763, 92764, 93190, 93373, 93388, 93495, 93563, 10063034, 10063057, 10063105, 10070784.

**Plate Processors 85 Polymer** serial nos 92460, 92989, 93100, 93394, 94464, 94611, 95494, 10061101, 92717, 92729, 92737, 92738, 92739, 92740, 92762, 92765, 92852, 92968, 92988, 93191, 93294, 93374, 93389, 93545, 93564, 10063041, 10063058, 10063104, 10070785.



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.

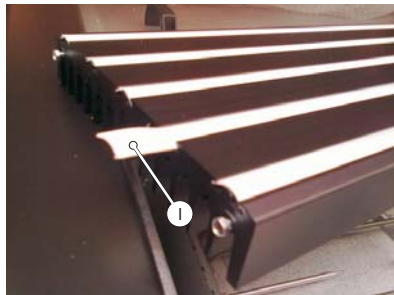
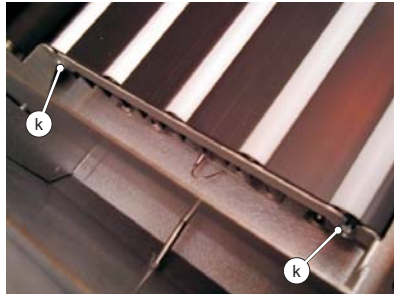
The kit consists of:

| Item | Part No  | Specification                 | Quantity |
|------|----------|-------------------------------|----------|
| 1    | 10002653 | GEAR, CONICAL, Z20, M1.5, D12 | 1        |
| 2    | 63991    | GEAR, CONICAL, Z30(20), M1.5  | 1        |
| 3    | 73240    | GEAR, Z16, M2                 | 2        |
| 4    | 10051730 | BEARING, ROLLER, PREHEAT      | 2        |
| 5    | 10009651 | BEARING, PREHEAT, COMPLETE    | 2        |
| 6    | 10005993 | GUIDE, PTFE, PREHEAT          | 5        |
| 7    | 10062256 | INSTRUCTION (THIS DOCUMENT)   | 1        |

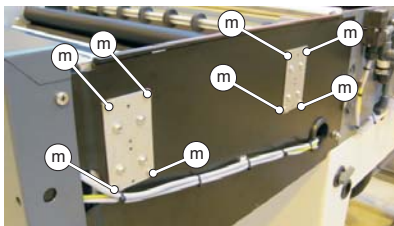
## Preheat

**!** 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 (j).
- Loosen the four screws (k) and lift the preheat section.
- Pull out the guides and replace them with the new (l).

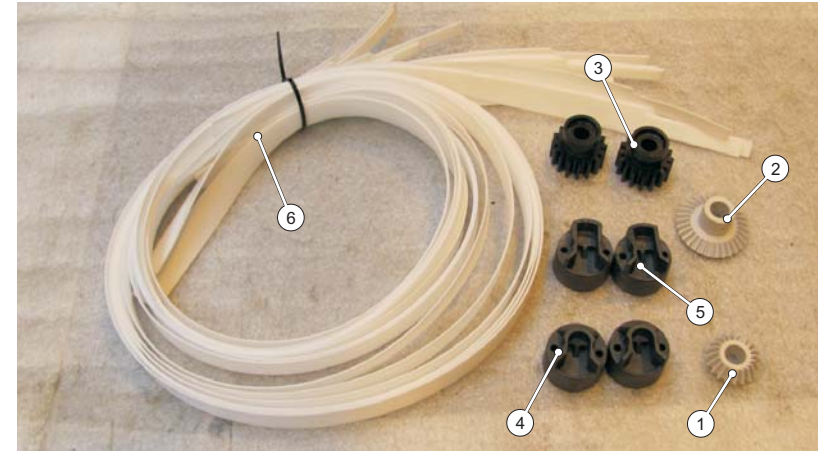


- Remove the preheat rollers.
- Unscrew the screws (m) to replace the preheat bearings.
- Remount the rollers, remount the preheat section and place back the preheat lid.



## Estimated time

**i** Estimated time for the installation of the kit is 270 - 330 minutes.



## 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.

**i** 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.

## Maintenance intervals

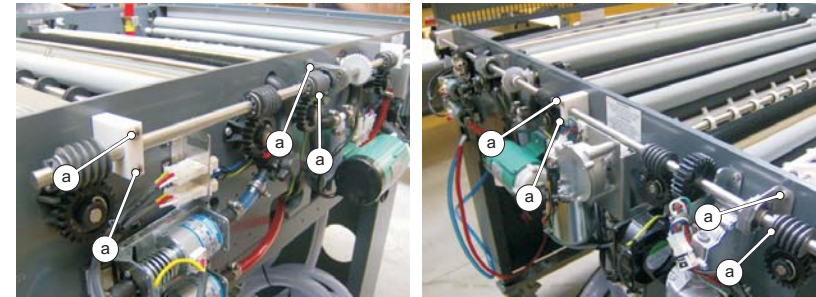
**i** Carry out this maintenance procedure either after below specified processing hours, or after specified years after installation of the processor, whatever comes first.

| Processing hours | or | Years after installation | Maintenance | Kit no   |          |
|------------------|----|--------------------------|-------------|----------|----------|
|                  |    |                          |             | Raptor   | Gecko 85 |
| 500              | or | 1                        | MINOR       | 10062189 | 10062206 |
| 1000             | or | 2                        | MEDIUM      | 10062190 | 10062207 |
| 1500             | or | 3                        | MINOR       | 10062189 | 10062206 |
| 2000             | or | 4                        | MAJOR       | 10062191 | 10062208 |
| 2500             | or | 5                        | MINOR       | 10062189 | 10062206 |
| 3000             | or | 6                        | MEDIUM      | 10062190 | 10062207 |
| 3500             | or | 7                        | MINOR       | 10062189 | 10062206 |
| 4000             | or | 8                        | MAJOR       | 10062191 | 10062208 |
| 4500             | or | 9                        | MINOR       | 10062189 | 10062206 |
| 5000             | or | 10                       | MEDIUM      | 10062190 | 10062207 |
| 5500             | or | 11                       | MINOR       | 10062189 | 10062206 |
| 6000             | or | 12                       | MAJOR       | 10062191 | 10062208 |

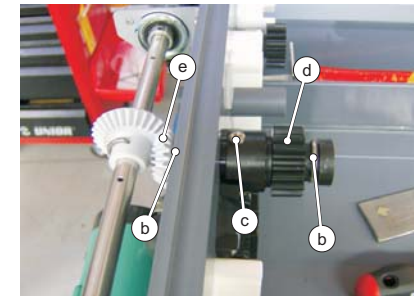
## Procedure

### Replacing gears

- Remove all rollers, brushes and brackets so there is easy access to all gears, remove the fenders, take off the drive shaft by dismounting the screws (a)



- Take off the clip (b) to remove the gears.
- Dismount the screw (c) to remove bearing seal.
- Pull out the shaft.
- Replace the gears with identical (d, e).
- Remount the shaft.



- Take off the clips (f) and remove the worm gears and the bearing (g).
- Loosen the set screw (h) and remove the bearing bracket.
- Replace the gear with identical (i).
- Remount the drive shaft onto the tank, place back rollers and brackets and remount fenders.

