

## 3 Months Maintenance or 25.000 cycles (recommended)

- Absolute Total Cycle \_\_\_\_\_ (record)
- Washing cycles \_\_\_\_\_ (record)
- Check water hardness (as per test strip) \_\_\_\_\_ (record)
- Change water softener filter if necessary

**NOTE: The water hardness must be less than 6° fr (french degree).  
The chlorine content must not exceed 100mg per litre (0.00000361lb/cu in).  
Otherwise the conditions of guarantee of the machine will expire.**

- Run complete cleaning cycle
- Disassemble and clean delivery nozzle 05002004 + 05002005
- Disassemble and clean milk frothing system 01000120 **(1 step only)**
- Clean bean hopper 05002026
- Clean grinders chute with the special brush
- Clean drain tray 05002034 and drain connector 05002020
- Check (visual inspection) for leaks
  
- Static water pressure \_\_\_\_\_ Bar

**NOTE: if static water pressure exceed to 5 bars, 70psi, please install a pressure reducer otherwise the conditions of guarantee of the machine will expire.**

- Operating water pressure \_\_\_\_\_ Bar
- Adjust operating water pressure (if necessary) to 9 Bar
  
- Change the upper piston gasket 02290021
- Check group scoop cam movement and lower piston movement
- Check the position of the 3 group micro switches and adjust if necessary
  
- Check products doses and adjust if necessary
- Check grinders setting and adjust if necessary
- Check grinders times and adjust if necessary
- Check milk foam quality and adjust if necessary
  
- Clean the movement guides 07300660
- Lubricate the movement screw bearings 08000071 with Nuova Simonelli silicon grease
- Lubricate with Teflon spray the bushes and the movement screw near the plastic nut and clean with a dry cloth

**Average time for maintenance: 1h**

**List of replaced parts: 02290021**

## 6 Months Maintenance or 50.000 cycles (mandatory)

- Absolute Total Cycle \_\_\_\_\_ (record)
- Washing cycles \_\_\_\_\_ (record)
- Check water hardness (as per test strip) \_\_\_\_\_ (record)
- Change water softner filter if necessary

**NOTE: The water hardness must be less than 6° fr (french degree); the chlorine content must not exceed 100mg per litre (0.00000361lb/cu in); Otherwise the conditions of guarantee of the machine will expire.**

- Run complete cleaning cycle
- Disassemble and clean delivery nozzle 05002004 + 05002005
- Disassemble and clean milk frothing system 01000120 (**1 step only**)
- Clean or change if necessary the T plastic fitting for coffee 05000012
- Clean or change if necessary the T plastic fitting for milk 05000012 (**1 step only**)
- Clean bean hopper 05002026
- Clean grinders chute with the special brush
- Clean drain tray 05002034 and drain connector 05002020
- Clean the exhaust coffee chute (blue tube) 01000088
- Check (visual inspection) for leaks
  
- Static water pressure \_\_\_\_\_ Bar

**NOTE: if static water pressure exceed to 5 bars, 70psi, please install a pressure reducer otherwise the conditions of guarantee of the machine will expire.**

- Operating water pressure \_\_\_\_\_ Bar
- Adjust pump pressure (if necessary) to 9 Bar
  
- Check auto fill function
- Check hot water solenoid valve 04100011
- Check delivery solenoid valve 04100011
- Check air coffee solenoid valve 04100045
- Check add water solenoid valve 04100011
- Check steam solenoid valve 04100008
- Check milk frother solenoid valve 04100063
- Check air frother solenoid valve 04100045
- Check autowashing solenoid valve 04100046
  
- Change upper and lower piston gaskets 02290021 + 02290019
- Clean or change the upper and lower piston showers 03000069
- Check group scoop cam movement and lower piston movement
- Check the position of the 3 group micro switches and adjust if necessary
  
- Clean the movement guides 07300660
- Lubricate the movement screw bearings 08000071 with Nuova Simonelli silicon grease
- Lubricate with Teflon spray the bushes and the movement screw near the plastic nut and clean with a dry cloth
  
- Check products doses, coffee and milk, and adjust if necessary
- Check grinders adjustment and grind time and adjust if necessary
- Check milk foam quality and adjust if necessary

**Average time for maintenance: 2h**

**List of replaced parts: (05000012), 02290021, 02290019**

## Annually Maintenance or 100.000 cycles (mandatory)

- Absolute Total Cycle \_\_\_\_\_ (record)
- Washing cycles \_\_\_\_\_ (record)
- Check water hardness (as per test strip) \_\_\_\_\_ (record)
- Change water softner filter if necessary

**NOTE: The water hardness must be less than 6° fr (french degree); the chlorine content must not exceed 100mg per litre (0.00000361lb/cu in); Otherwise the conditions of guarantee of the machine will expire.**

- Run complete cleaning cycle
- Disassemble and clean delivery nozzle 05002004 + 05002005
- Disassemble and clean milk frothing system 01000120 **(1 step only)**
- Change the gasket in the milk foamer 4x 02000005 **(1 step only)**
- Clean or change if necessary the T plastic fitting for coffee 05000012
- Clean or change if necessary the T plastic fitting for milk 05000012 **(1 step only)**
- Check the milk and coffee silicon pipes and change if necessary
- Clean bean hopper 05002026
- Clean grinders chute with the special brush
- Clean drain tray 05002034 and drain connector 05002020
- Clean the exhaust coffee chute (blue tube) 01000088
- Check (visual inspection) for leaks
- Change the air milk filter 01000107 **(1 step only)**
- Clean the teflon pipe in stainless steel wand and the hole in the stainless steel pipe **(Autosteam version only)**
  
- Static water pressure \_\_\_\_\_ Bar

**NOTE: If static water pressure exceed to 5 bars, 70psi, please install a pressure reducer otherwise the conditions of guarantee of the machine will expire.**

- Operating water pressure \_\_\_\_\_ Bar
- Adjust pump pressure (if necessary) to 9 Bar
  
- Check auto fill function
- Check hot water solenoid valve 04100011
- Change delivery solenoid valve 04100011
- Clean the double fitting for coffee 07300539
- Check air coffee solenoid valve 04100045
- Check add water solenoid valve 04100011
- Check steam solenoid valve 04100008
- Check milk frother solenoid valve 04100063
- Check air frother solenoid valve 04100045
- Check autowashing solenoid valve 04100046
- Change the coffee boiler expansion valve 98120001
  
- Replace the group unit with a new or rebuild one
- Check group scoop cam movement and lower piston movement
- Check the position of the 3 group micro switches and adjust if necessary
  
- Change the grinder blades 2x 01100028 (Zero the blades by turning clockwise. Then rotate ¼ counter clockwise to set the grind adjustment)
- Check products doses, coffee and milk, and adjust if necessary
- Check grinders adjustment and grind time and adjust if necessary
- Check milk foam quality and adjust if necessary

**Average time for maintenance: 2h**

**List of replaced parts: 2x 01100028, 98120001, 01000107, (05000012), 4x 02000005, 04100011**

## Annually Maintenance or 100.000 cycles for the group unit (mandatory)

- ❑ Remove and clean the group unit
  - Remove the motor
  - Remove the upper and lower piston and lower springs
  - Disassemble the upper and lower piston showers and gasket
  - Remove the movement screw then disassemble the bearings, the support and the bushing
  - Remove the stainless steel cover and the 3 micro switches
  - Remove the group chamber, the heating element and temperature probe
  - Remove the scoop cam, scoop cam shaft and spring
  - Disassemble the teflon plate and plastic movement screw nut
  - Remove the two guides
  - Remove the scoop cam driver
  - Clean everything
  
- ❑ Rebuild brew unit including replacement of
  - Upper and lower piston gasket 02290021, 02290019
  - Upper and lower piston shower 2x 03000069
  - Scoop cam driver 05000737
  - Scoop cam spring 08000085
  - Lower piston spring 08000024
  - Plastic movement nut 0500744.1
  - All other wear and tear component
  
- ❑ Clean the movement guides 07300660
- ❑ Lubricate the movement screw bearings 08000071 with *Nuova Simonelli silicon grease*
- ❑ Lubricate with Teflon spray the bushes and the movement screw near the plastic nut and clean with a dry cloth

**Average time for maintenance: 2h**

**List of replaced parts: 02290021, 02290019, 05000737, 2x 03000069, 08000085, 0500744.1, 08000024**