

# TEAMFLEXO

## 66 – 86 – 96 – 120



### *USER'S MANUAL*

### *Incorporating Installation and Operating Instructions*

**IMPORTANT**

This manual contains important safety and operational information. Read carefully before attempting installation or operation. Save this manual for future reference.

**Rev. March 2012**

*Registered Office: Via Vittorio Veneto, 3 - 21100 Varese - Italy*

*Facility: Via Mazzini, 57 - 21020 Mornago (Varese) - Italy*

*Tel.: 0039.0331.993656 - Fax.: 0039.0331.992969*

*E-mail: [info@agigraphics.com](mailto:info@agigraphics.com) - Web-site: [www.agigraphics.com](http://www.agigraphics.com)*

**Index:**

Introduction..... page 3

General information ..... page 4

Installation procedure ..... page 5

Hydric connection ..... page 6

Safety standard ..... page 7

Environmental protection..... page 8

Use of the equipment ..... page 9

Valve positions ..... page 11

Recycling unit (optional)..... page 12

Procedure to take off brushes, rollers, sponge roller ..... page 14

The Touch screen ..... page 18

Spare parts list..... attached

Electrical drawing..... attached

**! WARNING: THE COMPANY A.G.I. S.R.L. ACCEPTS NO RESPONSIBILITY IN CASE OF USE OF SOLVENT NOT RECOMMENDED BY US. THE FLASH POINT MUST BE OVER 75°**

## **INTRODUCTION**

- Process steps are cleaning, rinse and dry
- The plate is automatically drawn into the processor by the dragging rolls.
- Transport speed and temperature controlled by the computer.
- Equipped with two brushes with alternative and floating movement.
- Possibility to connect the unit directly to your exhaust systems.
- Temperature inside the solvent drum via the heater.

|  | <b>66</b>            | <b>86</b>            | <b>96</b>            | <b>120</b>           |
|--|----------------------|----------------------|----------------------|----------------------|
| Max plate width (mm)                                 | 650                  | 820                  | 920                  | 1150                 |
| Min. plate length (mm)<br>With sticky plate any size | 220                  | 220                  | 220                  | 220                  |
| Drum recycle (lt)<br>Solvent capacity                | 35                   | 35                   | 35                   | 35                   |
| Power  | 2 Kw                 | 2 Kw                 | 2,8 Kw               | 2,8 Kw               |
| Electrical   | 230V MONO<br>50/60HZ | 230V MONO<br>50/60HZ | 230V MONO<br>50/60HZ | 230V MONO<br>50/60HZ |
| Dimensions (cm)                                      | 114 x 175 x 106      | 134 x 175 x 106      | 144 x 175 x 106      | 168x175x106          |

### ***General information***

Provide sufficient space around the machine for future maintenance (min. 60 cm. each side) and make sure that the floor can sustain the weight of the equipment. Be sure to have free passages during installation, by referring to weight list. Point out insufficient passages, steps and so on..

**Never lean the plate processor against a wall and arrange its location in order to avoid problems to passages and emergency exits.**

### ***Hydro plant***

It is advisable to have one intake of water near the machine for tanks rinsing during periodical maintenance. Inform the technician installing the equipment about the recycling unit or other ecological system used and specify its electrical details and diameters of the pipes.

### ***Electrical plant***

Arrange (only committing a qualified company, authorized to emit the conformity certificate) a 230V – 50/60Hz – 16A – 1PH plug, equipped with fuses or magneto-thermic switch.

- **Diameters of charge and discharges pipes**

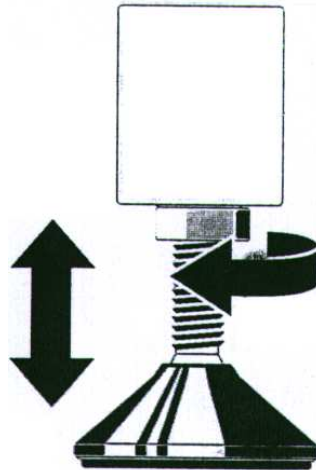
|                     |    |       |
|---------------------|----|-------|
| Washing discharge   | Mm | D. 40 |
| Can recycle solvent | Mm | D. 25 |
| Washing charge      | Mm | D. 12 |

- ✓ Computer processing
- ✓ Structure with carrying tank
- ✓ Efficacious pressing of the cleaning soap

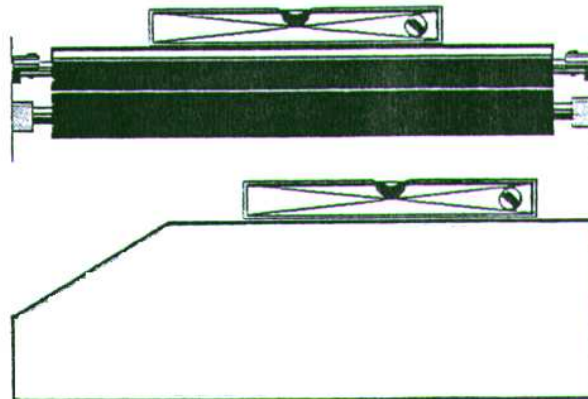
## **INSTALLATION PROCEDURES**

*How to set the equipment in plane:*

1. Move on the regulation nuts on the feet (Fig. 01).
2. Check the planarity by placing a level on the rolls and on the shoulder of the equipment (Fig. 2).



**Fig. 1 – Regulation nuts**

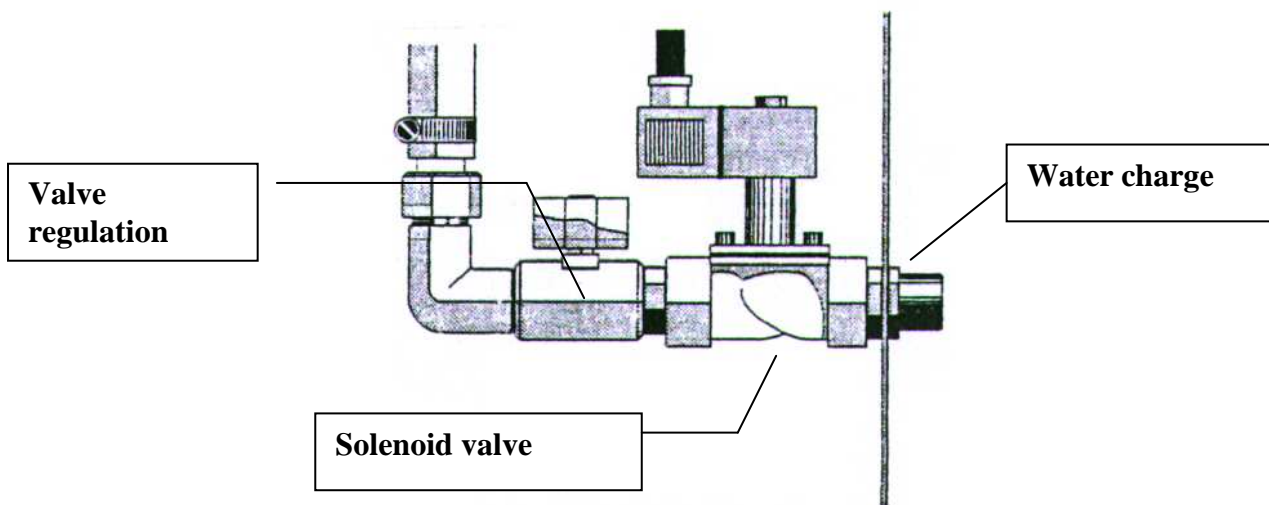


**Fig. 2 – Level regulation**

**Hydric connection :**

1. Connect the pipe of the washing bath to the sewer or the recycling system (the recycling system is suggested as washing waters of plate processors are pollutant and their discharge into the sewer is forbidden).
2. Connect the charge pipe to the solenoid valve of the plate processor (Fig.5) and regulate the flux of water as required, thought the tap.

In case a recycling unit is used, connect the pump the pump of the recycling unit with the solenoid valve of the machine.



**Fig. 5 Solenoid valve**

## **SAFETY STANDARDS**

Wear glasses and gloves during maintenance or reparations of the equipment.

### ***Electrical safety***

Disconnect power before reparations. Disconnect the line cable to prevent accidental power restoring. If the equipment must be kept alive for failures localization, wear insulating gloves and make sure to avoid damages to your own person. Do not disconnect or by-pass the safety devices of the machine.

### ***Mechanical safety***

Keep hands and fingers far from the moving parts. After service, re-install all the covers and closing carters.

### ***Chemical safety***

Refer always to the first-aid instructions supplied by the producer of the chemical products. Wear glasses, gloves and apron during handling or pouring of chemical products.

In case of contact with eyes or skin, wash the part abundantly for 15 minutes. Wash contaminated clothes and, in case of ingestion, call the doctor.

Do not mix chemical products. Provide an adequate ventilation and avoid to breathe vapours and fumes of the chemical products. Avoid dripping and splashes of liquid substances and powders dispersion. Dry or remove any accidental loss immediately.

## *Environmental protection*

### *Disposal of chemical substances*

Most of the chemical products used in the plate processors are pollutant and their disposal into the sewer is forbidden. They must be collected separately in closed tanks and committed to a specialized company for the disposal.

Disposal of the tanks for chemical products must be carried out according to the regulation in force. Refer to local authority for information about the disposal of the chemical waste. Contact the supplier for the technical list and details about the safety regulations concerning the disposal.

**DO NOT DISCHARGE CHEMICAL PRODUCTS  
AND EXHAUSTED FILTERS!**

**CONTACT AUTHORIZED COMPANIES FOR THE DISPOSAL!**

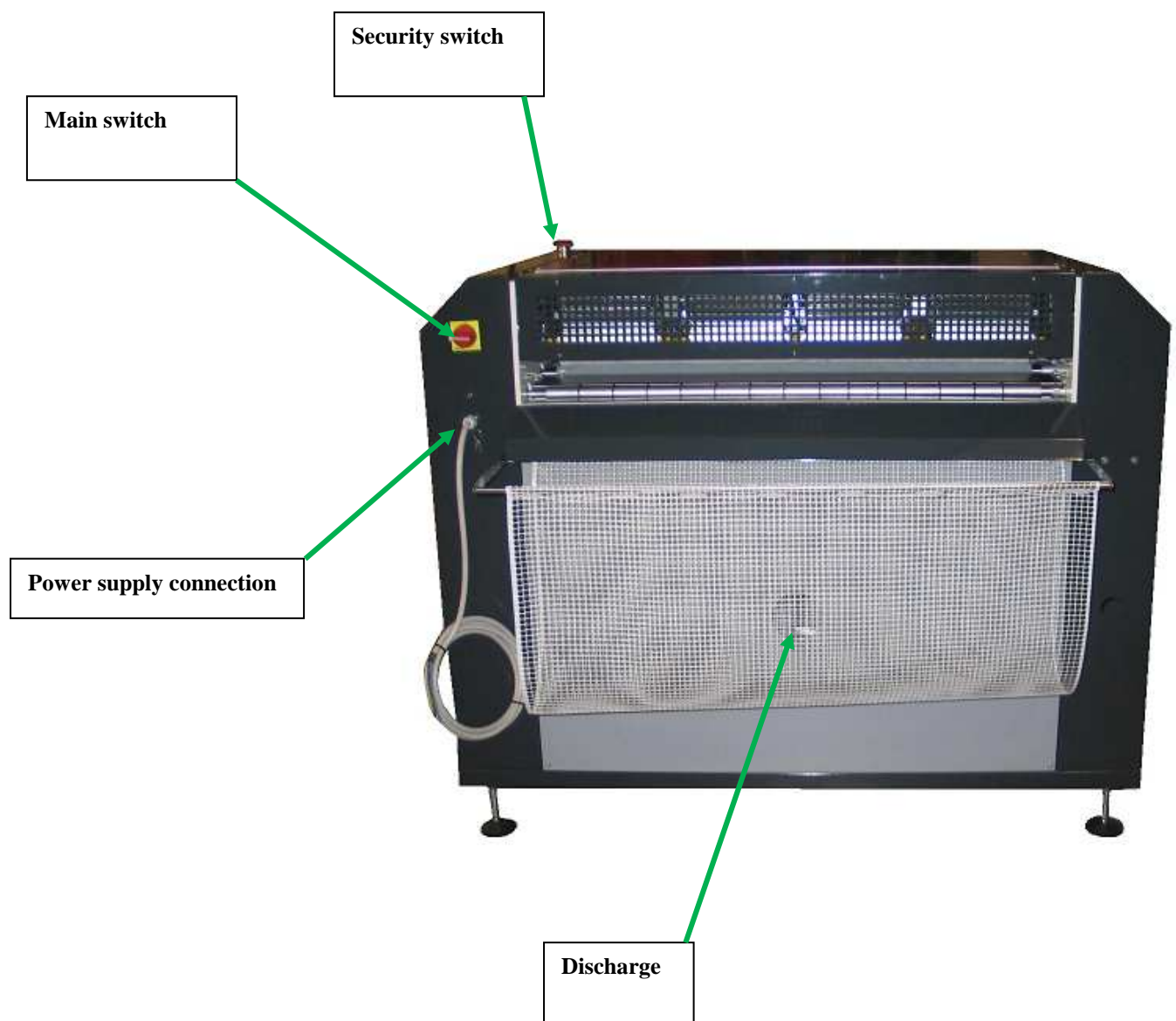




## USE OF THE EQUIPMENT

- **Before starting operating, you need to wet the sponge roller.**
- Connect the cleaning to the electrical system.  
**ATTENTION:** main voltage must be 230V – 1PH - 50/60Hz.
- Rotate the general switch on the back side of the right shoulder into position “I”.
- Be sure that safety switches are deactivated, that the cover is closed and that the tank of the cleaning soap is full and in position.

Check that the tube that brings back the washing product to the barrel is not bended.



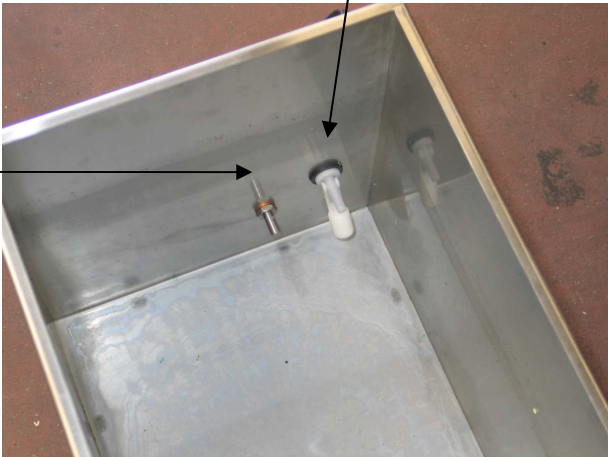


**Tube for discharge old solvent**

**Tube for solvent suction**

**Level**

**Temperature sensor**



## VALVE POSITIONS



1



2



3

**Position 1** – Operation

**Position 2** – Valve closed

**Position 3** – Solvent charge or discharge from the barrel to the recycling unit

## **OPTIONAL: RECYCLING UNIT**

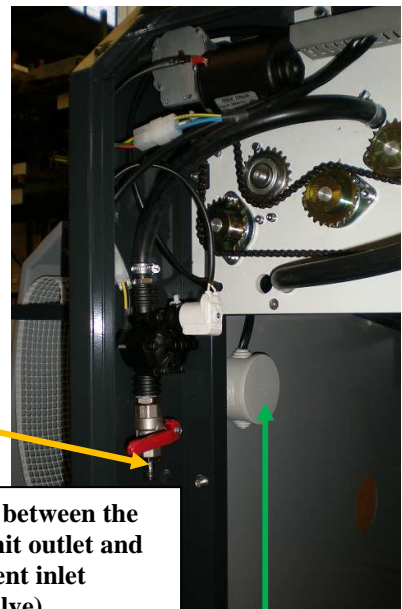
**WARNING:** The tap positioned in the recycling unit establishes the water pressure desired in the machine. If the tap is completely open, the water will not arrive at the machine.



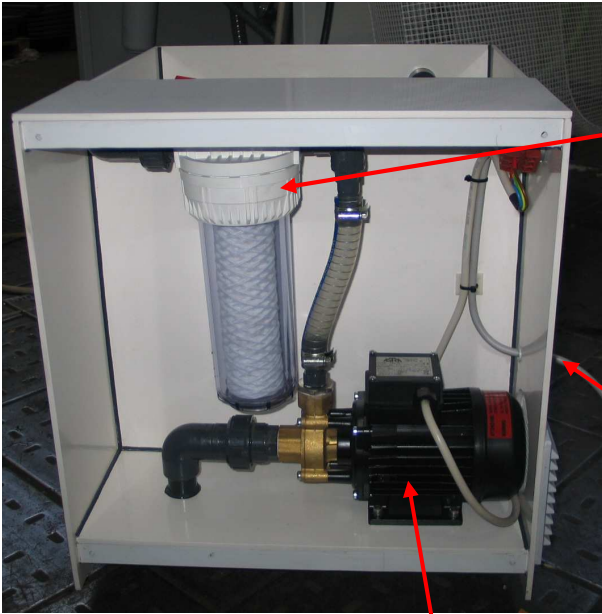
Connection between the equipment discharge and the recycling unit



Connection between the recycling unit outlet and the equipment inlet (solenoid valve)



Direct electrical connection between the equipment and the recycling unit

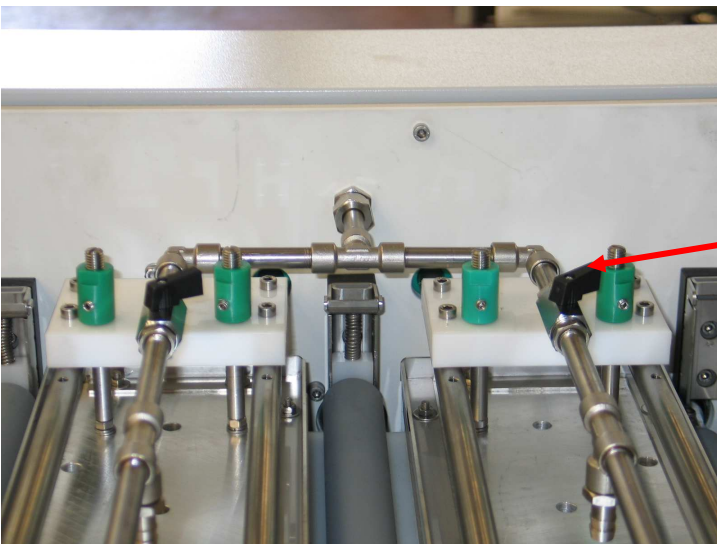
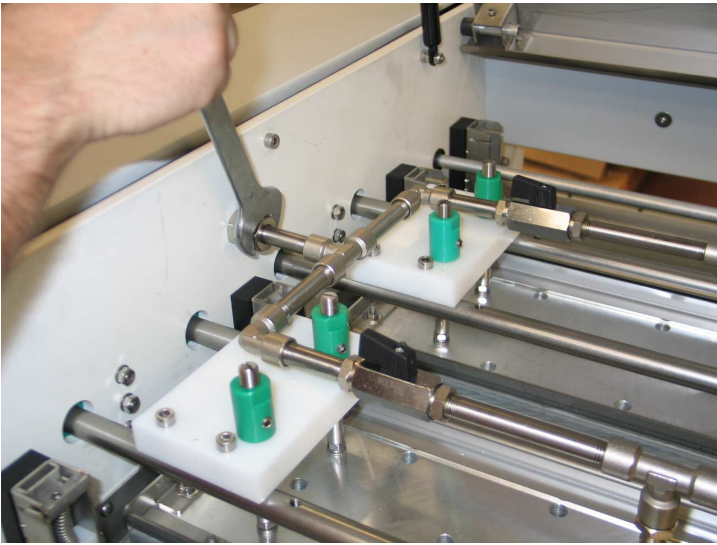


**Filter and filter holder**

**Electrical connection to the equipment**

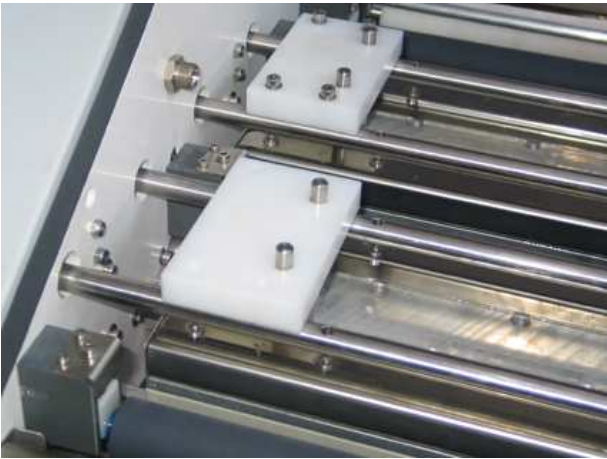
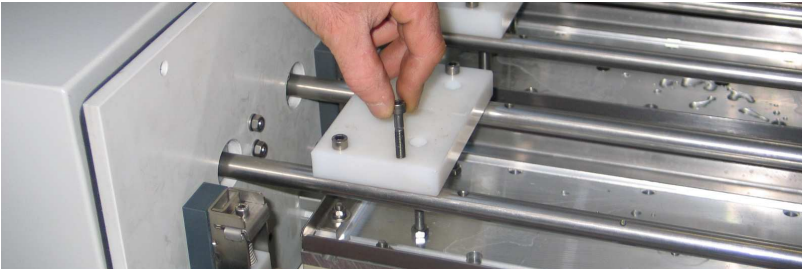
**Water pump**

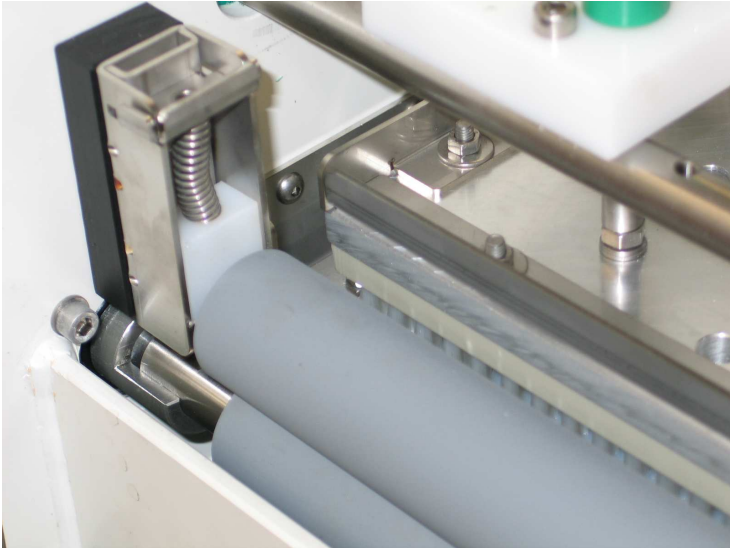
**PROCEDURE TO TAKE OFF  
BRUSHES – ROLLERS - SPONGE/NEOPRENE ROLLER**



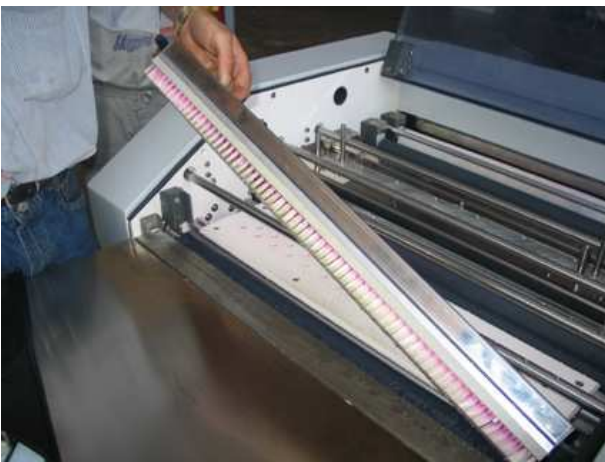
**Regulation valve for the  
quantity of solvent**











**To take off the sponge roller and the neoprene roller, follow the same procedure to take off the rollers**

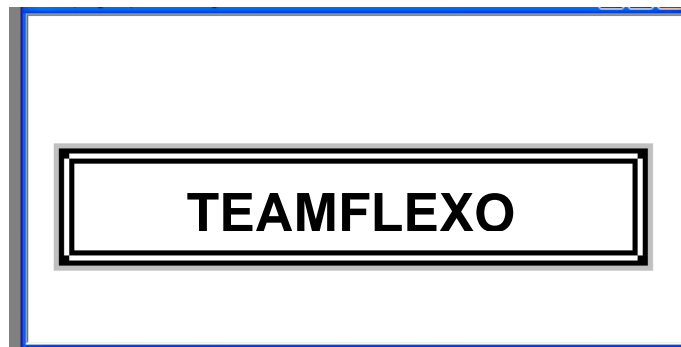


SPONGE ROLL

NEOPRENE ROLL

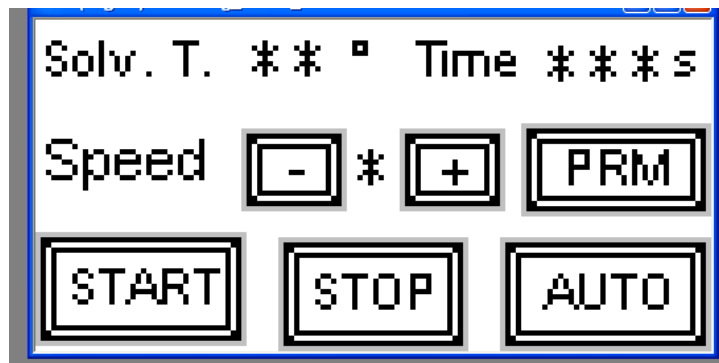
## THE TOUCH SCREEN

When you turn on the equipment, the following page is visualized:



Press TEAMFLEXO to go to the Main Page.

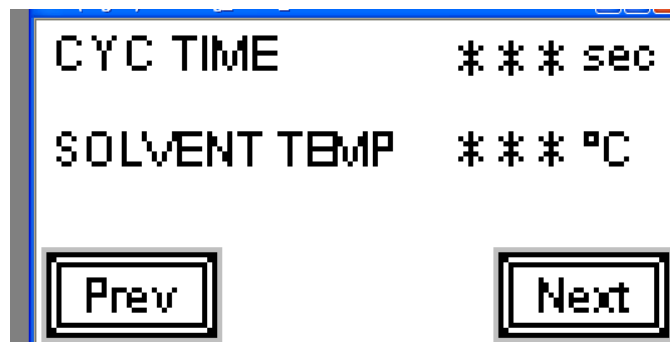
### MAIN PAGE



- “SOLV. T” SHOWS THE REAL DETERGENT TEMPERATURE
- “Time” TIME OF THE CICLE YOU SET, SEEN AS A COUNTDOWN  
(in order to make the equipment stop at the end of the cycle, you need to start it through the button “AUTO”)
- “SPEED” PRESSING + or – YOU CAN CHANGE THE ROLLERS SPEED, WHICH CAN BE SET FROM 1 TO 9
- “PRM” TO GO TO THE NEXT PAGE (PRM)
- “START” THE EQUIPMENT STARTS TO WORK AND NEVER STOPS
- “AUTO” THE EQUIPMENT STARTS TO WORK AND STOPS AT THE END OF THE CYCLE YOU SET
- “STOP” THE EQUIPMENT STOPS (BOTH IN MANUAL AND IN AUTOMATIC MODE)

## PARAMETERS PAGES

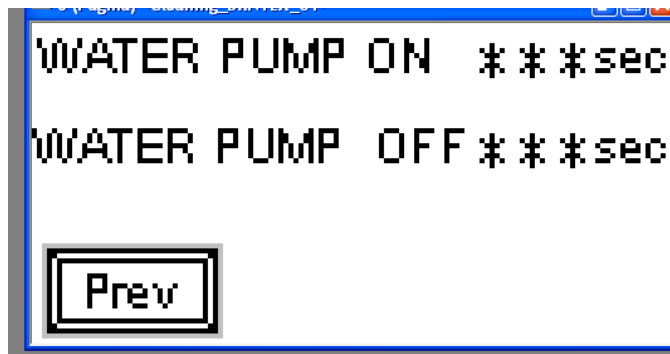
Pressing PRM on the Main Page, you go to the following page:



“CYC TIME” PRESSING HERE YOU OPEN A KEYBOARD, WHERE YOU CAN SET THE CYCLE TIME IN SECONDS

“SOLVENT TEMP” PRESS HERE TO SET THE DETERGENT TEMPERATURE YOU WANT TO REACH

Pressing NEXT you go to the following page:



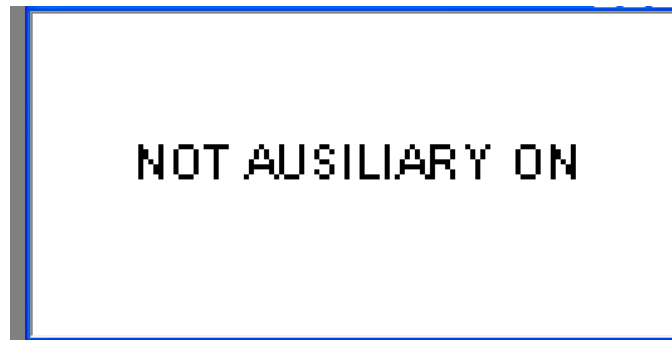
“WATER PUMP ON” PRESS HERE TO SET THE DESIRED TIME (IN SECONDS) FOR WATER RINSE

“WATER PUMP OFF” PRESS HERE TO SET THE INTERMITTENCE TIME

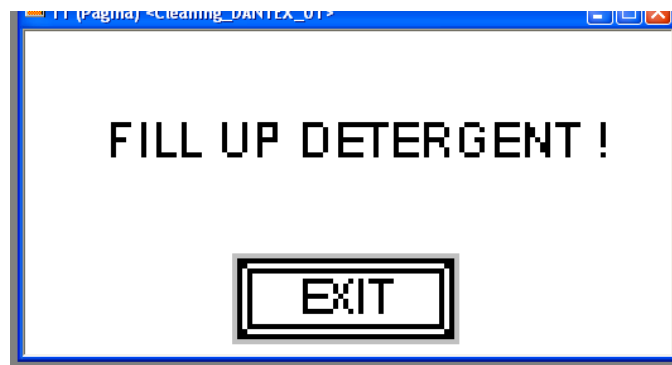
For ex.           WATER PUMP ON           010sec  
                      WATER PUMP OFF           015sec

The water will be sprayed for 10 seconds and then there will be a 15 seconds pause

**MESSAGES PAGES**



THE EMERGENCY BUTTON HAS BEEN PRESSED



THE DETERGENT LEVEL IS TOO LOW



THE BUTTON "AUTO" HAS BEEN PRESSED WITHOUT A CYCLE TIME BEING SET



THE COVER IS OPEN: IN ORDER TO WORK IT IS NECESSARY TO CLOSE IT.