



## Wet Cleaning



Using water to take care of delicate garments



## **Wet Cleaning**

The Wet Cleaning system brings back the cleanliness and freshness to the most delicate garments, with the use of water.

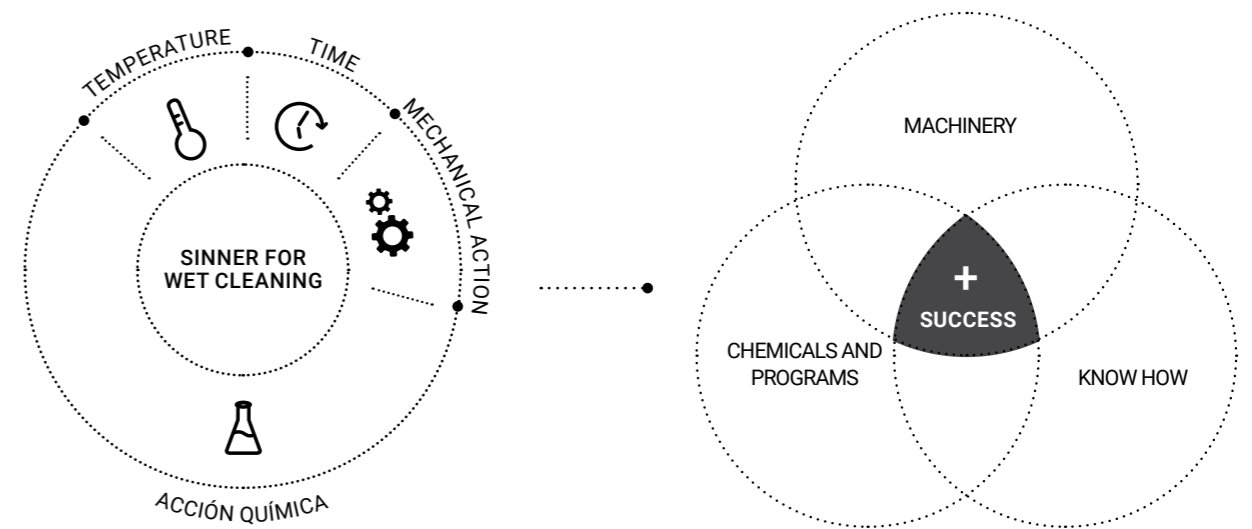
Thanks to our constant development we got the best washing, drying and finishing programs, especially thought for clothes which need the best treatment.

Wet Cleaning process

**PRE-DESTAINING > WASHING > DRYING > FINISHING**

# The optimal and balanced process for the professional washing.

## SINNER DIAGRAM



## WET CLEANING IS THE BEST SOLUTION FOR ITS EFFICACY

80 %

80 % of stains nowadays are soluble in water. Then... Why is the market still using which is only prepared for 20 % of stains? The solution is Wet Cleaning.

20 %

Only 20 % of stains are not soluble in water (Dry Cleaning concept).

DRY vs WET comparison in most common stains:

TYPE OF STAIN	DRY CLEANING	WET CLEANING
Sweat	2	5
Proteins	1	5
Grease	5	4
Body odors	1	5
Shrinking	3,5	3

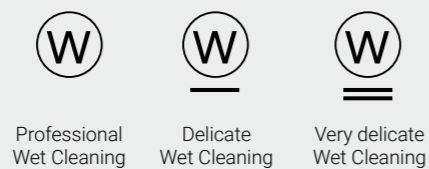
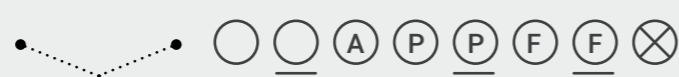
1= bad result / 5 = excellent result



Hand washing



Dry cleaning



Professional Wet Cleaning    Delicate Wet Cleaning    Very delicate Wet Cleaning



# W WET CLEANING



## WASHING

## DRYING



PLACE	GOAL	DAILY GARMENTS	WASHER MODEL	FAGOR PACK	KG	DRYER MODEL	CYCLE GARMENTS	DAILY CYCLES	MACHINE FREE FOR OTHER USES	ADVANTAGES	
PROFESSIONAL PACK	Small shops	Dry cleaning substitution. Wet cleaning beginner.	66	LAP-08 TP2	PACK 8	5	SRP-08 TP2	7	9	55%	Very low investment. Ideal pack for beginners. Low operation costs. Perfect for small production batches.
	Small shops	Dry cleaning substitution. Additional machinery. Wet cleaning beginner.	83	LAP-10 TP2	PACK 10	6	SRP-10 TP2	9	9	55%	Very low investment. Ideal pack for beginners. Low operation costs. Ideal for doing only Wet Cleaning.
	Small shops	Dry cleaning substitution.	129	LA-11 TP2	PACK 11 ADVANCED	6	SR-11 TP2	9	14	30%	Low investment. Shops with small Wet Cleaning batches but working. long hours. Flexibility. Compromise flexibility vs production.
INDUSTRIAL PACK	Medium size shops New shops	Dry cleaning substitution. New shop.	168	LA-14 TP2	PACK 14	8,5	SR-14 TP2	12	14	30%	Perfect pack for shops (Wet cleaning and normal garments). A good solution for bedspreads, covers and other large garments. Versatile.
	Medium size shops (Shopping centre) New shops	Dry cleaning substitution. New shop.	233	LA-18 TP2	PACK 18	11	SR-18 TP2	17	14	30%	Perfect pack for shops (Wet cleaning and normal garments) Productivity. Able to wash large covers.
	Large shops (Shopping centre)	Dry cleaning substitution. Large shop. Big potential, important growth.	323	LA-22 TP2	PACK 22	16,5	SR-22 TP2	21	14	30%	Perfect pack for large shops (Wet cleaning and normal garments). Wet Cleaning productivity. Laundry productivity.
	Large shops (Shopping centre)	Dry cleaning substitution. Large shop. Big potential, important growth.	364	LA-28 TP2	PACK 28	17	SR-28 TP2	26	14	30%	Perfect pack for large shops (Wet cleaning and normal garments). Wet Cleaning productivity. Laundry productivity.
	Laundries Large shops (Shopping centre)	Factories.	452	LA-35 TP2	PACK 35	22	SR-35 TP2	32	14	30%	Perfect pack for laundries (Wet cleaning and normal garments). Wet Cleaning productivity. Laundry productivity.

### FULL FLOW

Wash water recirculation pack to enhance its use. Increases the effectiveness without mechanical action, for the best care for the clothes.

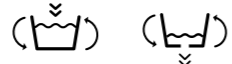
- Can be activated at any phase of the wash.
- Can be applied to any model of washer.
- Lower mechanical action of the pump.
- Greater flow of water with chemical product.
- All the water of the wash is used, including the water not usually used which is in the drain tube.
- Improved mixing of the chemical product.
- Clothes rapidly compacted.



Full flow pack

### TOTAL CONTROL WITH TOUCH PLUS CONTROL

Easy programming through icons, with touchscreen directly on the machine or with the computer and Wash Control software.



Important icons for Wet Cleaning:

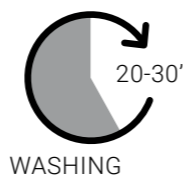
Filling with stopped drum

Emptying with stopped drum

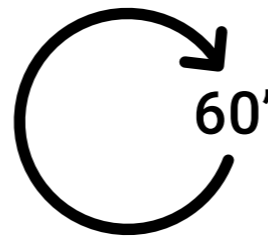


### LIQUID DOSING

Dosing at the right time, with the necessary amount, gives us security during the process and homogeneity in the result. And the most important thing: tranquility. 8 dosis signals as standard + 6 extra signals (dosing time, delay, start selection) for all models.



WASHING



60'



DRYING

## DRY TO DRY IN 1 HOUR.

### TEMPERATURE CONTROL

Temperature and air-flow control result in the perfect drying for delicate garments.

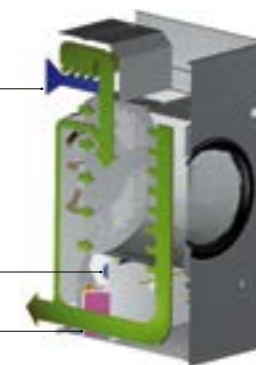
The humidity sensor helps to shorten the drying process, thus ensuring the appropriate humidity level for the subsequent ironing of garments.



Temperature sensor IN

Humidity sensor

Temperature sensor OUT



### GREEN FLOW SYSTEM

Hot air recovery system.

### IDRY

The new intelligent humidity sensor.

### REVERSE DRUM

Reverse spin.

### SOFT TOUCH

The perforated drum with inbuilt holes prevents textile wear and lengthens the life of the clothes.

### DOUBLE SKIN

The whole circuit in contact with the hot air of the dryer has been thermally insulated; double-glazed door.

### EFFICIENT DRUM

Through a series of perforations in the paddles of the drum, a water cascade effect is achieved which considerably increases the mechanical action.

### EFFICIENT MIX

Automatic water mixing system at different temperatures.

### MIXED FLOW

Axial-radial mixed flow system with complementary air inputs, achieving an even better optimised flow and dry.

### STAINLESS STEEL DRUM

Drum in mirror-polished stainless steel.

# Application fields

HOTEL INDUSTRY | CARE HOMES | DRY CLEANER'S | RESIDENCES...



## The professional stacking

The easiest and most economical way to get started in the Wet Cleaning process. The professional Stacking is the most accessible solution of Wet Cleaning for 8 and 10 kg machines, that is to say, 4.5 and 6 kg of delicate garments.

As well as industrial machines, the professional Stacking includes easy programming Touch Plus Control to obtain a better functionality and performance.





## Finishing

### Mannequins

- Automated working cycles.
- Electronic card.
- Possibility to set nine different cycles, and regulation of steaming and drying time.
- Adjustable shoulder width and height of the dummy. Rotation 360° of dummy support (frame) and controls.
- MA-360 C without boiler - to be connected to a central steam supply.
- MA-360 A autonomous, with built-in steam boiler, and automatic water feeding and pressure control.



### Ironed / Restructured

- Vacuum, up-steaming and blowing ironing tables.
- Available either with built-in electric steam boiler and vacuum unit, or to be connected to an external steam and vacuum supply. It can be supplied in the following versions:
  - MRP - VAS: with built-in steam boiler of 7 litres-capacity, with standard board (1200 x 400 x 250 mm).
  - MRP - VAS C: without boiler, with standard ironing board (1200 x 400 x 250 mm).



### Topper

- Finishing topper for trousers with air-operated waistband and leg stretching device, for central steam and compressed air supply.
- Side waistband stretching device.
- Height adjustable leg stretching carriage and stainless steel leg clamps.
- Built-in three-phase fan; air heating device.
- Electronic card for the setting of nine ironing cycles in total. Ironing cycle controlling: steaming time, steam/air time, drying time.
- Three pressure regulators (for leg clamps, waistband stretcher and leg stretching carriage).
- Switch for the exclusion of the leg stretching carriage.
- Manual size indicator. Mechanical airflow regulator.





**ONNERA GROUP**



ACTIVELY SUPPORTING

