



# FWS-80C TP2

# FWS-100C TP2

## NORMAL SPIN

G FORCE = 200 | 80 - 100 lbs

RELIABILITY AND ROBUSTNESS  
WITHIN REACH OF ALL.

TOUCH  
PLUS  
CONTROL

EFFICIENT  
MIX

BALANCE  
CONTROL

MULTI-  
CHOICE  
INLET

WET  
CLEANING

MAINT.  
KARE

OPTIMIZED  
DRUM

OPTIMAL  
CONSUMP.

### CHARACTERISTICS

- G Force = 200.
- **Hard-mounted machines. Require anchoring to the floor.**
- Drum and jacket in AISI-304 stainless steel.
- Unit exterior manufactured in sandwich board, colour grey, stainless steel appearance, easy to clean, and which does not reflect fingerprints.
- Detergent tray with 4 compartments.
- 8 signals for automatic liquid dosing, programmable in time and delay. 6 extra signals available optionally.
- 3 standard water inlets.
- Variable-frequency drive (standard 50-60 Hz). Balancing systems controlled by the same drive.
- New second-generation TOUCH PLUS programmer with 7" touch screen in colour, 37 available languages and which lets you create an indefinite number of programs (29 pre-set), as well as play videos.
- Allows programming, importing and exporting of programs and software updates via USB.
- Traceability as standard: the whole wash process (temperatures, water levels) is stored on the washer and is extractable to a PC by USB memory.
- The programmer includes the characteristics to create any Wet Cleaning program (modifiable water levels and washing speed).
- EFFICIENT MIX. These machines are equipped with an automatic water mixer (mixing different water temperatures) which provides energy savings and reduces washing times.
- BALANCE CONTROL: Thanks to an advanced technological development, and by means of the inverter, the washers detect the imbalance at an early stage. This way the operation is much smoother, elongating components lifetime and reducing washing times, thus saving energy as well.
- MULTICHOICE INLET: All washers are equipped with a third water inlet as standard, which allows you to save filling time, or which can be used for decalcified water, ozone or recycled water.
- WET CLEANING: All washers incorporate the necessary features to use the WET CLEANING system as standard, avoiding investment in expensive applications to work with this advanced washing concept. This feature replaces most dry-cleaning washing systems, bringing maximum reduction in costs.
- MAINTENANCE KARE: A simple and reliable design with easy-to-access mechanical parts that combines perfectly with the use of intelligent electronics. All components have been designed and manufactured with top quality and prestige, focusing on optimum accessibility for all points and components key to maintenance. Moreover, all the controls have been developed down to the finest detail: complete technical menus, fault self-diagnosis systems, alarms, restricted access areas, etc.
- OPTIMIZED DRUM. This system has been developed to improve wash quality to the maximum and to do it in as short a time as possible. Through a series of perforations in the paddles of the drum, a water cascade effect is achieved that considerably increases the mechanical action inside the drum during operation and greatly reduces the amount of water needed for each wash. The effective design of the drum and tank with minimal spaces between them, allows the energy consumption necessary to heat the water, as well as reduce excessive use of chemical products.
- OPTIMAL CONSUMPTION. All washers are equipped with an efficient system that sense the load introduced in the machine. The washer automatically adapts the quantity of water and chemicals to be used for that load.
- "LOADING AID" system. Water inlet and spin control for loading the linen.
- The standard model can be converted to self-service by installing a pay station kit, coin mechanism kit or other payment system. RS-485 communication.
- Washers compatible with water recovery tanks.

#### OPTIONS:

- Anchoring base as an option for correct fixation to the floor.
- Unit exterior in AISI-304 stainless steel.
- Front panels in AISI-304 stainless steel.
- Double drain kit to recover the water, with important savings.
- NC Option: drain normally closed.
- Reversible door opening.
- 6 extra signals for dosing
- Timed opening system.
- Printer.
- Shower system: water recirculation for very delicate linen (wet cleaning complement).
- Marine electric versions for ships.
- Tropicalised models with protective covering for the electronics system.
- SLUICE option. Essential for wash processes of sheets and other fabrics with solid contamination. Ø 8 mm perforations in the drum which facilitate the outlet of solid waste.



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## TECHNICAL DATA

	UNIT.	FWS - 80C TP2		FWS - 100C TP2	
<b>DRUM</b>					
Load capacity 1/9 - 1/10	lbs	86-77		103-93	
Volume	cu ft	12.36		14.83	
Diameter	in	33.85		33.85	
Depth	in	23.7		28.5	
<b>GENERAL DATA</b>					
Wash speed / Spin speed	rpm	45/644		45/644	
G Force	-	200		200	
Maximum force transmitted	kN	4.59 ±8		4.59 ±8	
Dynamic force frequency	Hz	7.58		7.58	
Noise level	dB	< 70		< 70	
Self-service version	-	Yes		Yes	
Double drain	-	Opt.		Opt.	
Weighing system	-	No		No	
SLUIICE option	-	Yes		Yes	
<b>DOOR</b>					
Height door centre / Height door base	in	28.9 / 17.3		28.9 / 17.3	
Diameter	in	22		22	
<b>POWER</b>					
Motor	Hp	4		6	
Heating (electric heating model)	kW	21		21	
Maximum power (electric heating model)	kW	22		22	
Maximum power (steam and hot water model)	kW	4		6	
<b>CONNECTIONS</b>					
		ELECTRIC		STEAM / HOT WATER	
Voltage 230V - I	FLA (Amps)	-	20	-	-
Voltage 230V - III	FLA (Amps)	63	-	63	20
Voltage 400V - III + N	FLA (Amps)	40	-	40	16
Steam inlet (Steam mod.)	inch	3/4"		3/4"	
Maximum steam consumption (Steam, mod.)	lbs/h	40		40	
Water inlet	inch	3/4"		3/4"	
Grid pressure	kg/cm <sup>2</sup>	2-4		2-4	
Maximum water consumption *	Gal/h	52.72		52.72	
Drain	mm/inch	3"		3"	
Drainage capacity	gal/min	52.8		52.8	
<b>DIMENSIONS / DIMENSIONS WITH PACKAGING</b>					
Width / Width	in	38.54 / 41.33		38.54 / 41.33	
Depth / Depth	in	41.96 / 49.81		47.24 / 58.27	
Height / Height	in	55.55 / 63		55.55 / 63	
Net weight / Gross weight	lbs	1043 / 1109		1153 / 1219	
Gross volume (with packaging)	ft <sup>3</sup>	76.5		87.6	

\* Program n° 20, 75 % load.

