



FWH-100-135-275 TP2 HIGH SPIN

G FORCE = 450 | 100 - 133 lbs | **G FORCE = 350** | 275 lbs

MAXIMUM EFFECTIVENESS,
ENERGY SAVING AND RESPECT FOR THE ENVIRONMENT



CHARACTERISTICS

- G Force = 450 (100 and 135 lbs models).
- G Force = 350 (100 and 275 lbs models).
- 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 (45 and 60 kg models).
- Unit exterior manufactured in AISI-304 stainless steel in the 275 lbs model.
- Detergent dispenser with 5 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.** Equipped with an automatic mixing system of water at different temperatures; all the washers provide energy savings and reduce 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.
- **OPTIMISED 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 which 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 the superfluous use of chemical products, to be reduced.
- **OPTIMAL CONSUMPTION.** All washers are equipped with an efficient system by means of which you can indicate the load which is 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.

OPTIONS:

- 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 (in 100 and 135 lbs models).
- Reversible door opening.
- 6 extra signals for dosing.
- **AUTO WEIGHT** Automatic linen weighing system. Up to 30% savings. (Automatic adjustment of water and soap consumptions as well as energy savings, according to the load inserted, measured automatically by the washer).
- Timed opening system.
- Printer.
- Marine electric versions for ships.
- Tropicalised models with protective covering for the electronics system.
- Shower system: water recirculation for very delicate linen (wet cleaning complement).
- Tilt system - forwards and backwards for easy loading and unloading of linen.
- Weight detection system in the feet (not compatible with tilt system).
- Double heating, electric + steam in 100 and 135 lbs models.
- Water inlet pipe for 100 and 135 lbs models.
- Bottom plinth for 100 and 135 lbs models.

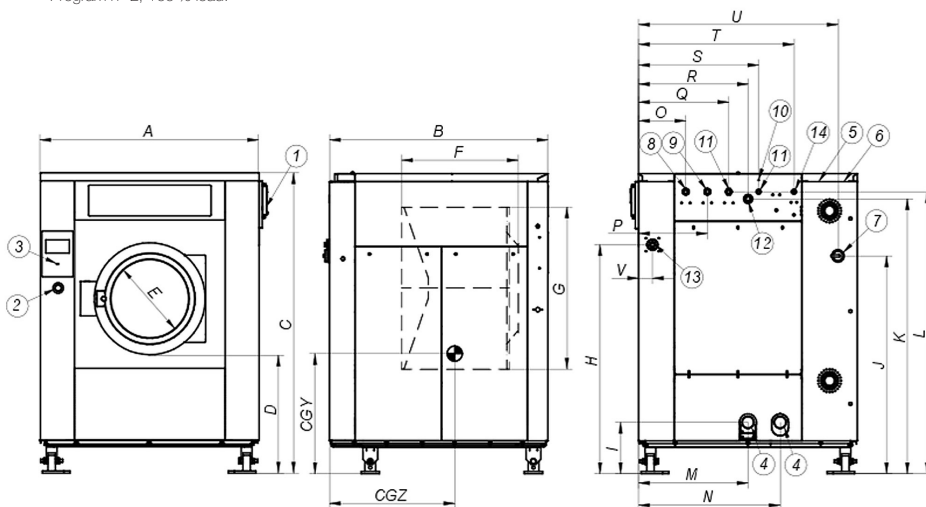
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TECHNICAL DATA

	UNIT.	FWH - 100 TP2			FWH - 135 TP2			FWH - 275 TP2	
DRUM									
Load capacity 1:9 / 1:10	lb	110/99			148/132			293/265	
Volume	CU.FT	16			21			42	
Diameter	in	36.14			41.25			53.54	
Depth	in	28.44			27			33	
GENERAL DATA									
Wash speed / Spin speed	r.p.m.	42,5			38			34	
G Force	r.p.m.	934			875			678	
Maximum force transmitted	-	450			450			350	
Dynamic force frequency	kN	11.23 ±3.15			12.95 ±4.2			37.77 ±5.25	
Noise level	Hz	14.1			12.66			11.33	
Self-service version	dB	< 70			< 70			< 70	
Double drain	-	Opt.			Opt.			Opt.	
Weighing system	-	Opt.			Opt.			Opt.	
DOOR									
Height door centre / Height door base	in	46.85 / 32.67			46.85 / 32.67			52.36 / 35.83	
Diameter	in	560			560			700	
POWER									
Motor	Hp	10			14.75			20.11	
Heating electric mod.	kW	28.8			36			No	
Maximum electrical power	kW	31.3			40			No	
Maximum steam and hot water power	kW	7.5			11			15	
CONNECTIONS									
Voltage 230V- III + T	Nº x mm² / A	ELECTRIC	HOT WATER	STEAM	ELECTRIC	HOT WATER	STEAM	STEAM / HOT WATER	
Voltage 400V- III + N + T	Nº x mm² / A	4 x 25 / 80 A	4 x 4 / 32 A	4 x 2.5 / 20 A	4 x 25 / 100 A	4 x 6 / 40 A	4 x 4 / 32 A	4 x 10 / 50 A	
Steam input (Steam mod.)	inch		3/4"			3/4"		1-1/4"	
Maximum steam consumption (Steam mod.)	lbs/h		42			46.3		58.3	
Water inlet	inch		1"			1"		1-1/2"	
Grid pressure	kg/cm²		2-4			2-4		2-4	
Maximum water consumption *	Gal/h		125			168.22		331	
Drain	mm/inch		3"			3"		4"	
Drainage capacity	gal/min		52.8			52.8		132	
DIMENSIONS / DIMENSIONS WITH PACKAGING									
Width / Width	in	56.22 / 63			56.22 / 63			70 / 76.38	
Depth / Depth	in	56.22 / 63.78			56.22 / 63.78			67.52 / 77.95	
Height / Height	in	75.20 / 78.78			75.26 / 78.74			88 / 89.76	
Net weight / Gross weight	lb	2976 / 3130			3086/3351			8708 / 9039	
Gross volume (with packaging)	ft3	169.2			169.2			298	

* Program n° 2, 100 % load.



- ① Soap dispenser.
- ② Emergency stop.
- ③ USB port.
- ④ Drain.
- ⑤ Electrical connection to liquid soap pumps.
- ⑥ Electrical connection.
- ⑦ Main switch.
- ⑧ Auxiliary water inlet.
- ⑨ Hot water inlet.
- ⑩ Earth connection.
- ⑪ Cold water inlet.
- ⑫ Water overflow.
- ⑬ Connection for liquid soap.
- ⑭ Steam connection.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	CGY	CGZ
FWH-100 TP2	56,18	56,14	76,57	29,41	22,05	29,92	36,22	58,43	13,11	55,55	70,08	71,93	28,11	36,38	12,17	17,68	23,19	28,15	30,87	39,92	51,26	3,66	24,61	37,13
FWH-135 TP2	56,18	56,14	76,57	29,41	22,05	29,92	41,34	58,43	13,11	55,55	70,08	71,93	28,11	36,38	12,17	17,68	23,19	28,15	30,87	39,92	51,26	3,66	24,61	37,13
FWH-275 TP2	70,08	69,88	88,39	35,43	27,56	37,80	53,54	68,70	13,23	59,84	78,31	83,27	26,93	43,31	17,72	23,23	28,74	35,83	37,40	47,05	64,09	9,88	33,58	43,46