



WASHERS



# FWS-135 TP2

NORMAL SPIN

HARD MOUNT WASHER

G FORCE = 150 | 135 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.

## FEATURES

- G Force = 150
- **Hard-mounted machines.**  
Require anchoring to the floor.
- Drum and jacket in AISI-304 stainless steel.
- Easy-to-clean exterior panels, manufactured in skinplate with stainless steel appearance.
- Detergent tray with 4 compartments.
- 8 signals for automatic liquid dosing, programmable in time and delay. 6 extra signals available optionally. Variable-frequency drive (standard 50-60 Hz). Balancing systems
- New TOUCH PLUS programmer (TP2) with a 7" color touch screen, and 37 available languages. TP2 lets you create an infinite number of programs (29 pre-set), as well as play videos.
- TP2 allows programming, importing and exporting of programs and software updates via USB.
- Traceability as standard: temperatures, water levels, etc. are stored on the washer and is extractable to a PC by USB memory.
- All washers are **WET CLEANING** ready. The TP2 programmer includes the characteristics to create any Wet Cleaning program (adjustable 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:** detects the imbalance at an early stage. This way the operation is much smoother, extending components lifetime, and saving time and energy.
- **MULTI-CHOICE INLET:** 3 standard water inlets. All washers are equipped with a third water inlet to speed filling time, for decalcified water, ozone, or recycled water.
- **MAINTENANCE KARE:** A simple design, focused in optimum accessibility; with easy-to-access mechanical and electronic parts. key to easy maintenance.
- The TP2 control provides a complete technical menu, self-diagnosis systems, alarms, restricted access areas, etc.
- **OPTIMIZED DRUM:** The special perforations in the paddles of the drum create a water cascade effect that considerably increases the mechanical action and reduces the amount of water in each wash. The effective design of the drum and tank with minimal spaces between them, reduces the energy consumption to heat the water and the excessive use of chemical products.
- **OPTIMAL CONSUMPTION.** All washers are equipped with an efficient system that sense the load weight and automatically adapts the quantity of water and chemicals needed.

### OPTIONS:

- Anchoring base.
- Exterior panels in AISI-304 stainless steel.
- Front panels in AISI-304 stainless steel.
- Double drain kit to recover water.
- 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.
- Protective covering for the electronics system.



[www.fagorcommercial.com](http://www.fagorcommercial.com)

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## TECHNICAL DATA

## UNIT.

## FWS - 135 TP2

**DRUM**

Load capacity	lbs	135
Volume	cu ft	21
Diameter	in	41.26
Depth	in	26.92

**GENERAL DATA**

Wash speed / Spin speed	rpm	42.5/505
G Force	-	150
Maximum force transmitted	kN	9.12 ±15
Dynamic force frequency	Hz	6.93
Noise level	dB	< 70
Self-service version	-	No
Double drain	-	Opt.
Weighing system	-	No
SLUICE option	-	No

**DOOR**

Height door centre / Height door base	in	35.43 / 21.26
Diameter	in	22

**POWER**

Motor	kW	5.5
Heating (electric heating model)	kW	28.8
Maximum power (electric heating model)	kW	31.2
Maximum power (steam and hot water model)	kW	5.5

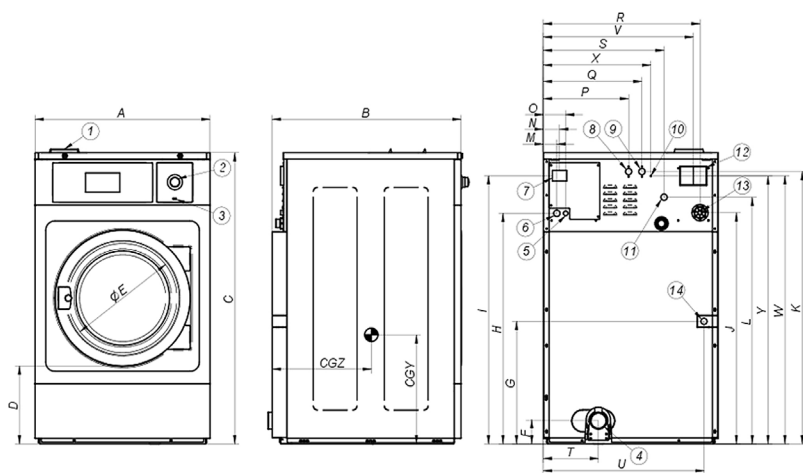
**CONNECTIONS**

		ELECTRIC	STEAM / HOT WATER
208-240V / 50-60 Hz / 1	FLA (Amp)	-	-
208-240V / 50-60 Hz / 3	FLA (Amp)	100 A	32 A
440V / 50-60 Hz / 3	FLA (Amp)	63 A	20 A
Steam inlet (Steam mod.)	in	3/4"	
Maximum steam consumption (Steam, mod.)	lbs/h	46.3	
Water inlet	in	3/4"	
Grid pressure	kg/cm <sup>2</sup>	2-4	
Maximum water consumption *	gal/h	165.87	
Drain	in	3"	
Drainage capacity	gal/min	52.8	

**DIMENSIONS / DIMENSIONS WITH PACKAGING**

Width / Width	in	48.25 / 53.54
Depth / Depth	in	50.35 / 58.16
Height / Height	in	64.56 / 74
Net weight / Gross weight	lbs	2050 / 2314
Gross volume (with packaging)	cu ft	131.72

\* Program n° 20, 75 % 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 Ground connection.
- ⑪ Cold water inlet.
- ⑫ Water overflow.
- ⑬ Connection for liquid soap.
- ⑭ Steam connection.

DIMENSIONS (in)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	CGZ	CGY
FWS-135TP2	48.23	50.35	64.57	21.26	22.05	5.51	38.74	53.86	60.47	51.42	61.06	51.89	2.40	2.91	3.98	25.63	28.78	43.70	34.21	10.63	45.79	42.52	57.87	39.06	62.80	25.35	38.27

