

MEDIUM SPIN WASHER

EFFICIENCY IN WASHING: QUALITY AND PRICE

Features

TS-11-14-19 T

- Medium spin rigid-mounted washer extractor.
- It is important to fix the machine to the floor (anchoring base included).
- G Force **200**.
- Body, drum and tub in stainless steel.
- Detergent dispenser with 4 compartments.
- 8 signals for automatic liquid dosing, programmable in time and delay.
- 3 water inlets.
- These machines have electronic control of imbalance with frequency inverter, that detects the unbalanced load before spinning. Standard frequency: 50- 60 Hz.
- New microprocessor with touch screen. 26 preset programs.
- Possibility of programming, exporting and importing programs without limit, software updates, through USB port, using USB drive.
- Traceability standard: All washing process (temperatures, water levels) is stored in the washer and can be extracted to a PC by means of a USB drive.
- RS-485 serial communication port for monitoring / remote management.
- Wet Cleaning standard in the microprocessor: fully adjustable water levels and washing speed for delicate.
- LOADING AID feature with water and rotation control for easy loading of the linen.
- Self-service version available by installing a central pay or coin meter on the standard model.
- CE, WRAS and GOST approved product. Optional version for ETL certified product.



Emissions CO₂/carbon footprint



Energy efficiency



Minimum consumption of water



Low chemical consumption



Touch technology



Stainless steel



Automatic mixer (hot/cold water)



Inverter



Wet cleaning



Optimal KG



Easy maintenance



Third water inlet



Remote control



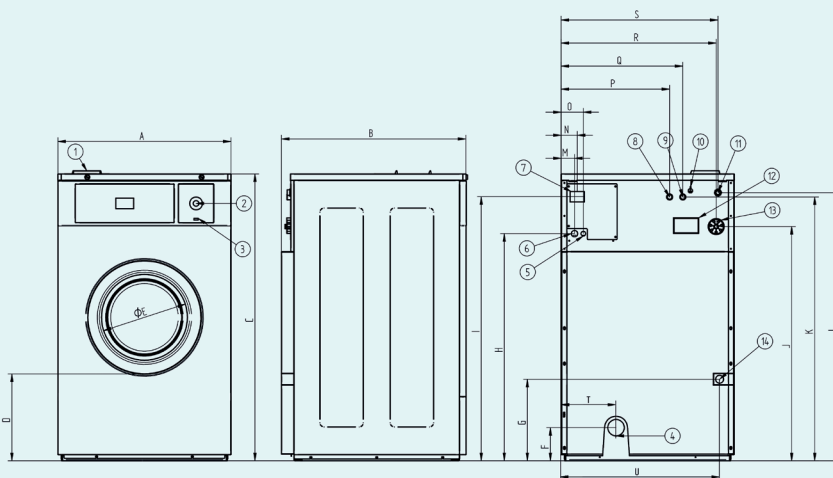
Efficient drum design

Options

- Double drain kit, allow the recovery of the water, with important water savings. Model TS-19.
- Drain pump kit for models TS-11 and TS-14.
- Relay card with 6 extra dosing signals: total of 14 signals in the machine.
- Optimal Kg. Weighing sensor system on feet.
- Steam kit to transform an electric or hot water heated machine into steam version.
- Self-Service Kits: Coiner and box; Central pay; Delayed opening door option in case of power outage.
- Ship voltage for electric models: 440V III 50/60 Hz No neutral or 480V III 50/60 Hz No neutral.

TECHNICAL DATA	UNIT.	TS-11 T	TS-14 T	TS-19 T			
DRUM							
Load capacity 1:9 / 1:10	Kg	11/10	14/13	20/18			
Volume	l	100	130	180			
Diameter	mm	620	620	620			
Depth	mm	330	430	600			
GENERAL DETAILS							
Washing speed / Spining speed	r.p.m.	50/760	50/760	50/720			
G Factor	-	200	200	200			
Maximum force transmitted	KN	2,08 ±0,5	2,25 ±0,6	2,46 ±0,9			
Frequency-dynamic force	Hz	12,66	12,66	12			
Self-service version	-	Yes	Yes	Yes			
Double drain	-	No	No	Opt			
DOOR							
Height center door / Height door	mm	570/310	570/310	655/395			
Diameter	mm	373	373	373			
POWER							
Motor	kW	0,75	1,5	2,2			
Heating (Electric model)	kW	6	9	12			
Max. power (Electric model)	kW	6,25	9,5	12,75			
Max. power (steam and hot water)	kW	0,75	1,5	2,2			
CONNECTIONS							
		ELECTRICAL	STEAM / HOT WATER	ELECTRICAL	STEAM / HOT WATER	ELECTRICAL	STEAM / HOT WATER
Tension 230V- I + N + T	Nº x mm2 / A	3 x 4 / 32A	3 x 1,5 / 6A	3 x 10 / 50A	3 x 1,5 / 10A	3 x 16 / 63A	3 x 1,5 / 10A
Tension 230V- III + T	Nº x mm2 / A	4 x 2,5 / 20A	-	4 x 4 / 25A	-	4 x 6 / 40A	-
Tension 400V- III + N + T	Nº x mm2 / A	5 x 1,5 / 10A	-	5 x 1,5 / 16A	-	5 x 2,5 / 20A	-
Steam inlet (Steam mod.)	inch	1/2"		1/2"		1/2"	
Maximum steam consumption (Steam mod.)	Kg/h	7		8,5		12	
Water inlet	inch	3/4"		3/4"		3/4"	
Water main pressure	Kgs/cm ²	2-4		2-4		2-4	
Maximum water consumption*	Lit/h	59,8		79,4		118,7	
Drain	mm/inch	3"		3"		3"	
Drainage capacity	Lit/min	200		200		200	
DIMENSIONS / PACKING DIMENSIONS							
Width / Width	mm	719/800		719/800		788/860	
Depth / Depth	mm	684/990		830/990		840/1.010	
Height / Height	mm	1.158/1.350		1.158/1.350		1.307/1.500	
Net weight / Gross weight	kg	217/225		239/247		281/301	
Volume	m ³	1,07		1,07		1,30	

* N°20 Program, 75% load



01. Soap dispenser
02. Emergency stop
03. Usb port
04. Drain
05. Electric connection to liquid soap pumps
06. Electrical connection
07. Main switch
08. Auxiliar water inlet
09. Hot water inlet
10. Ground connection
11. Cold water inlet
12. Blur output / water overload
13. Liquid soap connection
14. Steam connection

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
TS-11 T	719	684	1.158	310	373	135	440	886	1.055	940	1.053	1.073	61	74	101	440	495	637	650	211	654
TS-14 T	719	830	1.158	310	373	135	440	886	1.055	940	1.053	1.073	61	74	101	440	495	637	650	211	654
TS-19 T	788	840	1.307	395	373	150	371	1.035	1.203	1.067	1.202	1.222	61	74	101	494	554	706	714	248	718



Primer

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