

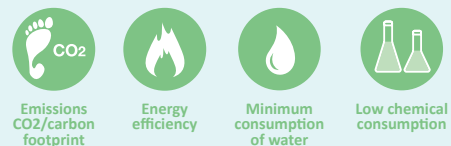
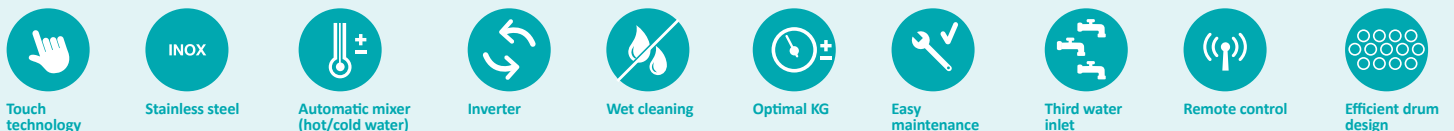
HIGH SPIN WASHER

EFFICIENCY IN WASHING

Features

LS-11-14-19 T

- High spin washer extractor. No need to be anchored to the floor.
- G Force **450**.
- 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.



Options

- Double drain kit, allow the recovery of the water, with important water savings. For models LS-14 and LS-19.
- Leveling feet.
- Drain pump kit for models LS-11 and LS-14.
- Bottom cover and plinth for loading height 850 mm from door bottom
- Bottom cover and plinth for having same height in washers.
- 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.	LS-11 T	LS-14 T	LS-19 T
DRUM				
Load capacity 1:9 / 1:10	Kg	11/10	14/13	20/18
Volume	l	100	130	180
Diameter	mm	532	620	700
Depth	mm	425	430	470

GENERAL DETAILS				
Washing speed / Spining speed	r.p.m.	50/ 1.245	50/ 1.150	47/ 1.080
G Factor	-	450	450	450
Maximum force transmitted	KN	2,3 ±0,2	2,5 ±1,05	3,6 ±1,4
Frequency-dynamic force	Hz	16,7	16,7	16
Sound level	dB	70	70	70
Self-service version	-	Yes	Yes	Yes
Double drain	-	No	Opc	Opt
Weighing System / Tilting System	-	Opt/No	Opt/No	Opt/No

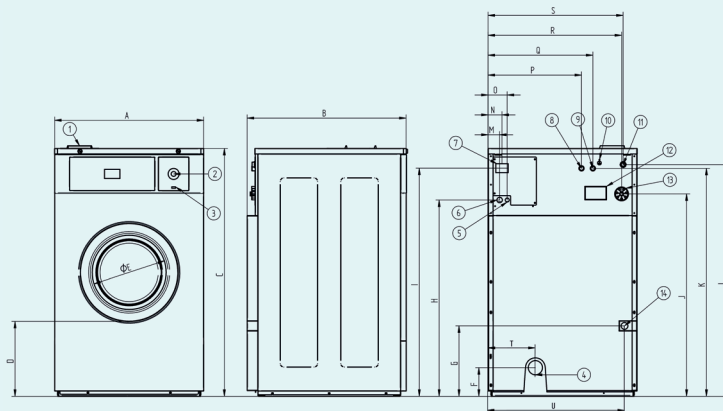
DOOR				
Height center door / Height door	mm	625/415	700/440	750/510
Diameter	mm	290	373	373

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	VAPOR / AGUA CAL.	ELECTRICAL	VAPOR / AGUA CAL.	ELECTRICAL	VAPOR / AGUA CAL.
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	71,4		88,8		118,3	
Drain	mm/inch	3"		3"		3"	
Drainage capacity	Lit/min	200		200		200	

DIMENSIONS / PACKING DIMENSIONS							
Width / Width	mm	692/730		788/830		884/930	
Depth / Depth	mm	788/1.000		869/1.010		913/1.030	
Height / Height	mm	1.158/1.410		1.307/1.560		1.415/1.700	
Net weight / Gross weight	kg	230/239		250/283		360/393	
Volume	m ³	1,03		1,31		1,63	

* Nº20 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
LS-11 T	692	788	1.158	408	290	93	355	886	1.055	940	1.053	1.073	61	74	101	413	468	610	623	252	626
LS-14 T	788	869	1.307	427	373	130	385	1.035	1.203	1.067	1.202	1.222	61	74	101	494	554	706	714	243	718
LS-19 T	884	913	1.415	490	373	99	390	1.143	1.207	1.166	1.331	1.331	61	74	101	437	517	769	810	355	833