



MWLBS 60-80-110

SANITARY BARRIER

G FORCE = 375 | 27 - 35 - 50 kg

TECHNOLOGY FOR
TOTAL DISINFECTION

**TOUCH
PLUS
CONTROL**

**EFFICIENT
MIX**

**BALANCE
CONTROL**

**MULTI-
CHOICE
INLET**

**WET
CLEANING**

**MAINT.
KARE**

**OPTIMAL
CONSUMP.**

**AUTO
WEIGHT**

CHARACTERISTICS

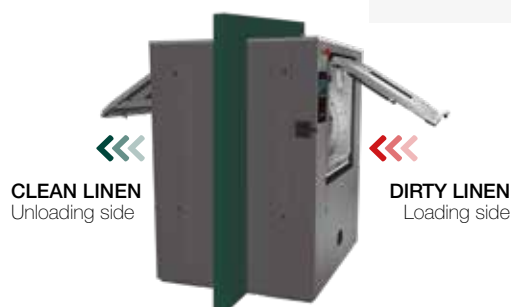
- G Force 375.
- Outer body in sandwich board, easy to clean, stainless steel appearance.
- Drum and tank in AISI-304 stainless steel.
- Heating versions: electric and steam.
- Double heating version, selectable electric and steam.
- 1-compartment horizontal spin drum.
- Loading and unloading doors. Door locks with safety opening.
- Motor brake for automatic drum positioning.
- 8 signals for automatic liquid dosing, programmable in time and delay.
- 3 water inlets.
- **New second-generation TOUCH PLUS programmer w** 37 available languages and which lets you create an indefinite number of programs (29 pre-set)
- Second information screen on the linen unloading side (clean zone).
- 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.

- **EFFICIENT MIX.** Equipped with an automatic water mixer (mixing different water 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.
- **MULTI-CHOICE 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.
- Electrical part to the left, mechanical to the right, connections at the top Easy access for the connections.
 - Central drain.
 - **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.
 - Washers compatible with water recovery tanks (27 and 35 kg models).
 - Motor with variable-frequency drive incorporated. Electronic balance control.
 - No need for anchoring to the floor.

OPTIONS:

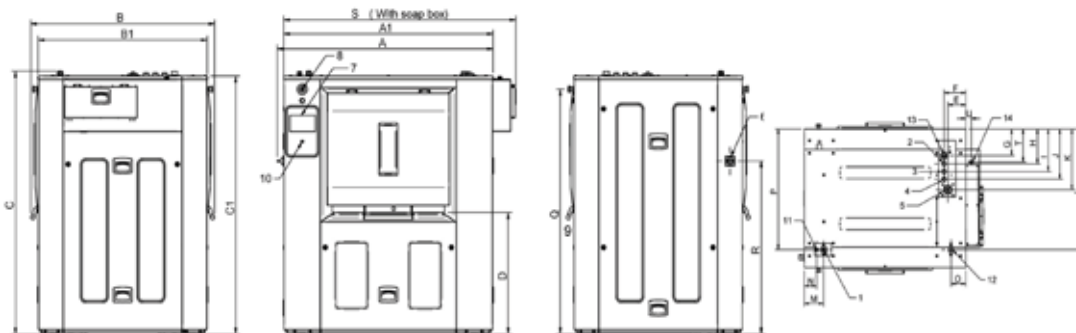
- Outer body in AISI 304 stainless steel.
- UPS kit to release the drum brake in the case of electric power cut.
- **AUTO WEIGHT** Automatic linen weighing system.
- Up to 30% savings (automatic adjustment of water and soap consumptions as well as energy savings, according to the load of linen inserted, measured automatically by the washer).
- 6 extra dosage signals
- Detergent tray kit
- Second drain valve to reclaim the water.
- Side drain.
- Tap for extracting water for samples.
- Low steam pressure: to allow the installation of steam-heated washers with low steam pressure in situ.
- Printer.
- Plinths for 850 mm loading height.
- Automatic weighing system in the feet.
- Stainless steel frame to embed into wall.



TECHNICAL DATA

	UNIT.	MWLBS-60	MWLBS-80	MWLBS-110			
DRUM							
Load capacity	lbs/kg	60 / 27	80 / 35	110/50			
Volume	l	266	347	489			
Diameter	mm	800	800	800			
Depth	mm	530	690	974			
Drum compartments	Nº	1	1	1			
GENERAL DATA							
Wash speed / Spin speed	r.p.m.	45 / 920	45 / 920	45 / 920			
G Force	-	375	375	375			
Maximum force transmitted	kN	8.86	9.26	10.63			
Dynamic force frequency	Hz	15.4	15.4	15.4			
Noise level	dB	< 70	< 70	< 70			
Double drain	-	OPT	OPT	OPT			
Weighing system	-	OPT	OPT	OPT			
DOOR							
Height door base	mm	800	800	800			
Drum opening dimensions	mm	480 x 515	640 x 515	640 x 515			
Tank opening dimensions	mm	542 x 650	700 x 650	700 x 650			
POWER							
Motor	kW	4	4	5,5			
Electric heating	kW	18	27	36			
Max. power (elec. heating)	kW	22	31	41.5			
Max. power (hot water heating)	kW	4	4	5.5			
Max. power (steam heating)	kW	4	4	5.5			
CONNECTIONS							
		ELECTRIC	STEAM	ELECTRIC	STEAM	ELÉCTRICA	STEAM
Voltage 230V- I + N + T	Nº x mm² / A	-	3 x 1.5 / 6 A	-	-	-	-
Voltage 230V- III + T	Nº x mm² / A	4 x 10 / 40 A	-	4 x 16 / 100 A	4 x 2.5 / 10 A	4 x 25 / 125 A	4 x 2.5 / 10 A
Voltage 400V- III + N + T	Nº x mm² / A	5 x 6 / 25 A	-	5 x 10 / 50 A	5 x 2.5 / 16 A	5 x 16 / 63 A	5 x 2.5 / 16 A
Steam inlet (Steam mod.)	pulg	3/4"		3/4"		3/4"	
Maximum steam consumption (Steam mod.)	kg/h	10.25		16.30		23.30	
Water inlet	pulg	1"		1"		1"	
Grid pressure	kg/cm²	3 ÷ 5		3 ÷ 5		3 ÷ 5	
Maximum water consumption*	Lit/h	210		260		450	
Drain	mm/pulg	3"		3"		3"	
Drainage capacity	Lit/min	160		160		160	
DIMENSIONS / DIMENSIONS WITH PACKAGING							
Width / Width	mm	1,201 / 1,282		1,359 / 1,440		1,654 / 1,740	
Depth / Depth	mm	1,098 / 1,300		1,098 / 1,300		1,098 / 1,300	
Height / Height	mm	1,580 / 1,730		1,580 / 1,730		1,580 / 1,730	
Net weight / Gross weight	kg	886 / 906		926 / 946		1,063 / 1,085	

* Program nº 2, 100 % load.



- ① Electrical connection
- ② Cold water
- ③ Decalcified water
- ④ Hot water
- ⑤ Liquid soap inlet
- ⑥ Main switch
- ⑦ Control panel
- ⑧ Emergency stop button
- ⑨ Door opening
- ⑩ USB port
- ⑪ Dosing pumps connection
- ⑫ Steam inlet
- ⑬ Ventilation
- ⑭ Cold water for detergents tray

	A	B	C	A1	B1	C1	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
MWLBS-60	1244	1193	1612	1201	1098	1581	745	152	185	212	277	337	397	482	956	163	103	126	956	1499	1059	1350	263	45
MWLBS-80	1402	1193	1612	1359	1098	1581	745	152	185	212	277	337	397	482	956	163	103	126	956	1499	1059	1508	263	45
MWLBS-110	1697	1193	1612	1654	1098	1581	745	152	185	212	277	337	397	482	956	163	103	126	956	1499	1059	1803	263	45