

## High spin washing machines LM 14/18/23 kg



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### Plus LM Line



#### IM.11

Computer touch screen 7"

Library with 15 stored wash cycles



Wi-Fi connection to **IM.CONNECT** portal for remote machine control



Large-sized door



Stainless steel AISI 304

top, drum and outer drum



**LM14:** heating group 3×3000W std

**LM18:** heating group 3×4000W std

**LM23:** heating group 3×5000W std

High level of recyclability of materials and components



Compatible with central payment systems for self-service use (connection kit needed)

Free of floor fastening

### OPTIONS AND ACCESSORIES

- kit connection up to 11 peristaltic detergent pumps
- Automatic detergent dosing systems from 1 to 6 peristaltic pumps
- Drain pump kit (applicable to 3ph 400/415V+N machines)
- kit 2 or 3 wire mesh water inlet pipes ¾ inch
- Front and side panels in stainless steel AISI 304
- Door opening left
- Hard water inlet valve
- Low or hard pressure steam valve
- Second drain valve for water recovery circuit
- Crankcase with or without stainless steel cover h200 or h300 mm
- Payment systems for self-service use

NOTE: The images in this document are for illustrative purposes only. The appearance, equipment and details of the actual product may vary without notice.

## TECHNICAL DATA

|                                                 | LM 14                     | LM 18                     | LM 23                     |
|-------------------------------------------------|---------------------------|---------------------------|---------------------------|
| • Capacity 1:9 - 1:10                           | 16 - 14 Kg (35.2-30.8 lb) | 20 - 18 Kg (44.1-39.6 lb) | 24 - 23 Kg (52.9-50.6 lb) |
| • Drum diameter Ø                               | 700 mm (27.5 inch.)       | 700 mm (27.5 inch.)       | 700 mm (27.5 inch.)       |
| • Drum depth                                    | 365 mm (14.4 inch.)       | 470 mm (18.5 inch.)       | 560 mm (22 inch.)         |
| • Drum volume                                   | 141 lt                    | 181 lt                    | 216 lt                    |
| • Load diameter Ø                               | 380 mm (15 inch.)         | 380 mm (15 inch.)         | 380 mm (15 inch.)         |
| • Spin speed                                    | 915 r.p.m.                | 915 r.p.m.                | 915 r.p.m.                |
| • G Factor                                      | 327                       | 327                       | 327                       |
| • Air sound intensity                           | 70 dB (A)                 | 70 dB (A)                 | 70 dB (A)                 |
| • Heating leakage                               | 5 %                       | 5 %                       | 5 %                       |
| • Dynamic load (frequency)                      | 12854 N (15 Hz)           | 11247 N (15 Hz)           | 9640 N (15 Hz)            |
| • Cold water consumption*                       | 92 l (3.2 ft³)            | 119 l (4.2 ft³)           | 152 l (5.3 ft³)           |
| • Hot water consumption*                        | 27 l (0.9 ft³)            | 34 l (1.2 ft³)            | 44 l (1.5 ft³)            |
| • Water consumption*                            | 119 l (4.2 ft³)           | 153 l (5.4 ft³)           | 196 l (6.9 ft³)           |
| • Drain flow                                    | 160 lt/min (5.6 ft³/min)  | 160 lt/min (5.6 ft³/min)  | 160 lt/min (5.6 ft³/min)  |
| • Machine dimension WxDxH (100 mm = 3.93 inch.) | 880×905×1285 mm           | 880×1010×1285 mm          | 880×1100×1285 mm          |
| • Net weight                                    | 416 Kg (917 lb)           | 432 Kg (952.4 lb)         | 451,8 Kg (996 lb)         |
| • Packing dimension WxDxH (100 mm = 3.93 inch.) | 920×1150×1400 mm          | 920×1150×1400 mm          | 920×1150×1400 mm          |
| • Gross weight                                  | 431,1 Kg (950 lb)         | 447,3 Kg (985.5 lb)       | 467,1 Kg (1029.5 lb)      |
| • Gross weight wooden cage - wooden case        | 465-485 Kg (1025-1069 lb) | 481-501 Kg (1060-1105 lb) | 503-523 Kg (1109-1153 lb) |
| • Packaging volume                              | 1.5 mc (52.9 ft³)         | 1.5 mc (52.9 ft³)         | 1.5 mc (52.9 ft³)         |
| • STD. packed machines in to 20' container      | 12 pz.                    | 12 pz.                    | 12 pz.                    |
| • STD. packed machines in to 40' container      | 26 pz.                    | 26 pz.                    | 26 pz.                    |

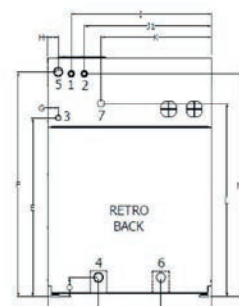
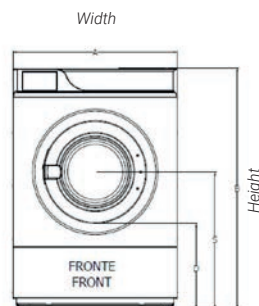
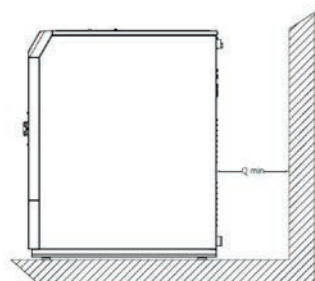
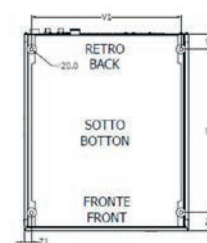
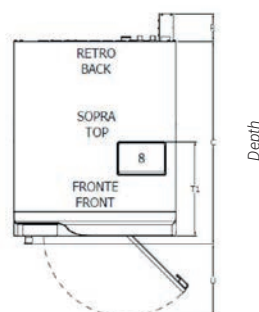
## DATA BY TYPE OF HEATING

|                                                                   |                  |                  |                  |
|-------------------------------------------------------------------|------------------|------------------|------------------|
| • Electrical Heating (electric machines)                          | 9 kW             | 12 kW            | 15 kW            |
| • Consumption* (electric machines)                                | 1,5 kWh          | 1,5 kWh          | 1,6 kWh          |
| • Electric absorption (electric machines)                         | 11 kW            | 14 kW            | 17 kW            |
| • 3ph400V-480V(+N) / 3ph230V / 1ph230V (electric machines)        | 17 / 26 / 43 A   | 22 / 38 / 66 A   | 27 / 47 / 80 A   |
| • Steam heating consumption* (steam machines)                     | 0,3 Kg ( 0.6 lb) | 0,4 Kg ( 0.9 lb) | 0,6 Kg ( 1.3 lb) |
| • Electric consumption* (hot-water machines)                      | 0,8 kWh          | 0,8 kWh          | 0,9 kWh          |
| • Electric absorption (hot-water-steam machines)                  | 1,5 kW           | 1,5 kW           | 1,5 kW           |
| • 3ph400V-480V(+N) / 3ph230V / 1ph230V (hot-water-steam machines) | 6 / 6 / 10 A     | 6 / 6 / 10 A     | 6 / 6 / 12 A     |

\* Cycle "Cotton" 60° C - EN60456, tab. A2

- Pos. 1 - Cold water 3/4" - Press. 0,5 ÷ 10 bar  
 Pos. 2 - Hot water 3/4" - Press. 0,5 ÷ 10 bar  
 Pos. 3 - Direct steam inlet 3/4" - Press. 0,3 ÷ 9 bar\*\*  
 Pos. 4 - Drain valve Ø 50 mm (2 inch.)  
 Pos. 5 - Air vent Ø 50 mm (2 inch.)  
 Pos. 6 - Second drain valve (optional)  
 Pos. 7 - Electrical power supply  
 Pos. 8 - Detergent load

\*\*9 bar Options (min 1 bar)



100 mm = 3.93 inch. - factor conversion 1 / 25,4

Fixing modality: rubber feet fischer

| mm    | A   | B    | C    | D   | E   | F    | G  | H  | I   | J1  | K   | L    | M1   | M2  | O   | P   | Q   | R   | S   | T1  | U   | V1  | W  | X1  | Z1 | Z2 |
|-------|-----|------|------|-----|-----|------|----|----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|----|----|
| LM 14 | 880 | 1285 | 905  | 460 | 963 | 1210 | 56 | 56 | 754 | 661 | 594 | 1041 | 1200 | 272 | 105 | 232 | 600 | 150 | 735 | 510 | 528 | 800 | 80 | 679 | 40 | 99 |
| LM 18 | 880 | 1285 | 1010 | 460 | 963 | 1210 | 56 | 56 | 754 | 661 | 594 | 1041 | 1200 | 272 | 105 | 232 | 600 | 150 | 735 | 510 | 528 | 800 | 80 | 784 | 40 | 99 |
| LM 23 | 880 | 1285 | 1100 | 460 | 963 | 1210 | 56 | 56 | 754 | 661 | 594 | 1041 | 1200 | 272 | 105 | 232 | 600 | 150 | 735 | 510 | 528 | 800 | 80 | 874 | 40 | 99 |