MAXIWASH

# RIGID-MOUNT WASHER EXTRACTOR

**MWCL60 - MWCL80**
**G FORCE = 200** | 25 - 35 kg

## CHARACTERISTICS

- G Force = 200.
- Hard-mounted machines. Require anchoring to the floor.
- Drum and jacket in AISI-304 stainless steel.
- Unit exterior manufactured in sandwich board, colour grey, stainless steel appearance, easy to clean, and which does not reflect fingerprints.
- Detergent tray with 4 compartments.
- 8 signals for automatic liquid dosing, programmable in time and delay. 6 extra signals available optionally.
- 3 standard water inlets.
- Variable-frequency drive (standard 50-60 Hz). Balancing systems controlled by the same drive.
- New second-generation TOUCH PLUS programmer
- 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.
- The programmer includes the characteristics to create any Wet Cleaning program (modifiable 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. 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.
- MULTICHOICE 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.
- OPTIMISED DRUM. This system has been developed to improve wash quality to the maximum and to do it in as short a time as possible. Through a series of perforations in the paddles of the drum, a water cascade effect is achieved which considerably increases the mechanical action inside the drum during operation and greatly reduces the amount of water needed for each wash. The effective design of the drum and tank with minimal spaces between them, allows the energy consumption necessary to heat the water, as well as the superfluous use of chemical products, to be reduced.
- 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.
- The standard model can be converted to self-service by installing a pay station kit, coin mechanism kit or other payment system.RS-485 communication.
- Washers compatible with water recovery tanks.
- CE, WRAS and EAC product certifications. Optional ETL-certified version of the machine.

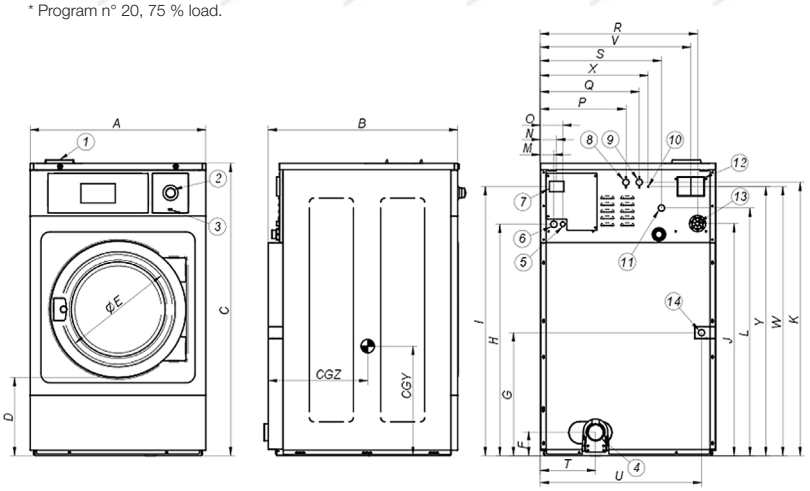
OPTIONS:

- Anchoring base as an option for correct fixation to the floor.
- Unit exterior in AISI-304 stainless steel.
- Front panels in AISI-304 stainless steel.
- Double drain kit to recover the water, with important savings.
- 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 for ships.
- Tropicalised models with protective covering for the electronics system.
- SLUICE option. Essential for wash processes of sheets and other fabrics with solid contamination. Ø 8 mm perforations in the drum which facilitate the outlet of solid waste.

# TECHNICAL DATA

| | UNIT. | MWCL60 | | MWCL80 | |
|---|---|---|---|---|---|
| **DRUM** | | | | | |
| Load capacity | lbs/kg | 60/25 | | 80/35 | |
| Volume | Lit | 250 | | 350 | |
| Diameter | mm | 770 | | 860 | |
| Depth | mm | 530 | | 602 | |
| **GENERAL DATA** | | | | | |
| Wash speed / Spin speed | r,p,m, | 48/682 | | 45/644 | |
| G Force | - | 200 | | 200 | |
| Maximum force transmitted | kN | 3.53 ±6 | | 4.59 ±8 | |
| Dynamic force frequency | Hz | 8.02 | | 7.58 | |
| Noise level | dB | < 70 | | < 70 | |
| Self-service version | - | Yes | | Yes | |
| Double drain | - | Opt. | | Opt. | |
| Weighing system | | No | | No | |
| SLUICE option | - | Yes | | Yes | |
| **DOOR** | | | | | |
| Height door centre / Height door base | mm | 700 / 400 | | 735 / 440 | |
| Diameter | mm | 460 | | 560 | |
| **POWER** | | | | | |
| Motor | kW | 3 | | 4 | |
| Heating electric mod, | kW | 18 | | 21 | |
| Maximum electrical power | kW | 19 | | 22 | |
| Maximum steam and hot water power | kW | 3 | | 4 | |
| **CONNECTIONS** | | **ELECTRIC** | **STEAM / HOT WATER** | **ELECTRIC** | **STEAM / HOT WATER** |
| Voltage 230V - I + N | Nº x mm² / A | - | 3 x 4 / 32 A | - | 3 x 4 / 32 A |
| Voltage 230V - III | Nº x mm² / A | 4 x 16 / 63 A | - | 4 x 16 / 63 A | - |
| Voltage 400V - III + N | Nº x mm² / A | 5 x 4 / 32 A | - | 5 x 6 / 40 A | - |
| Steam inlet (Steam mod,) | inch | 3/4" | | 3/4" | |
| Maximum steam consumption (Steam, mod,) | kg/h | 15 | | 18 | |
| Water inlet | inch | 3/4" | | 3/4" | |
| Grid pressure | kg/cm² | 2-4 | | 2-4 | |
| Maximum water consumption * | Lit/h | 164.8* | | 199.6* | |
| Drain | mm/inch | 3" | | 3" | |
| Drainage capacity | Lit/min | 200 | | 200 | |
| **DIMENSIONS / DIMENSIONS WITH PACKAGING** | | | | | |
| Width / Width | mm | 884/ 930 | | 979/ 1,050 | |
| Depth / Depth | mm | 1,011 / 1,150 | | 1,066 / 1,250 | |
| Height / Height | mm | 1,340 / 1,523 | | 1,411 / 1,600 | |
| Net weight / Gross weight | kg | 340 / 370 | | 473 / 503 | |
| Gross volume (with packaging) | m³ | 1,6 | | 2,1 | |

* 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. Earth connection.
11. Cold water inlet.
12. Water overflow.
13. Connection for liquid soap.
14. Steam connection.

| | 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 | CGY | CGZ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MWCL-60 | 884 | 965 | 1,340 | 400 | 460 | 145 | 548 | 1,063 | 1,230 | 1,065 | 1,250 | 1,135 | 61 | 74 | 101 | 428 | 508 | 801 | 639 | 268 | 820 | 771 | 1,220 | 600 | 1,280 | 591 | 543 |
| MWCL-80 | 979 | 1,066 | 1,411 | 370 | 560 | 147 | 623 | 1,139 | 1,307 | 1,116 | 1,322 | 1,211 | 61 | 74 | 101 | 481 | 561 | 861 | 673 | 262 | 917 | 831 | 1,281 | 624 | 1,367 | 635 | 682 |