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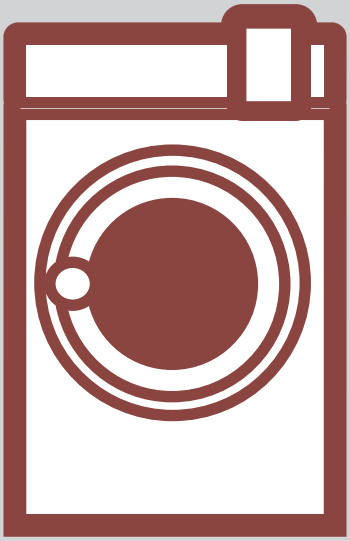


# WFM 33/40/55G4

## HIGH SPIN WASHING MACHINES

grandimpianti
intelligent laundry equipment



## The strength of experience

**Soap pumps connection**

Washing machines come predisposed with a maximum number connections for 9 dosing pumps for liquid detergent. On request, pumps can also be supplied with the machines.
Liquid detergent dosing management can therefore be done by the washing machine, in order to fully take advantage of G400 control potentialities.

**G400M Electronic control**

The convenience of managing machines controlled by the G400M system is completed with a simple and intuitive PC program that allows for complete machine management and programming.

**Smart Card**

On the other hand, for the easier operations such as copying washing programs from one machine to another, the Smart card is all you'll need to insert new programs and update existing ones: once inserted in the reader, standard on the entire gamma, just follow the instructions as they appear on the machine's display.

**Optionals for every needs**

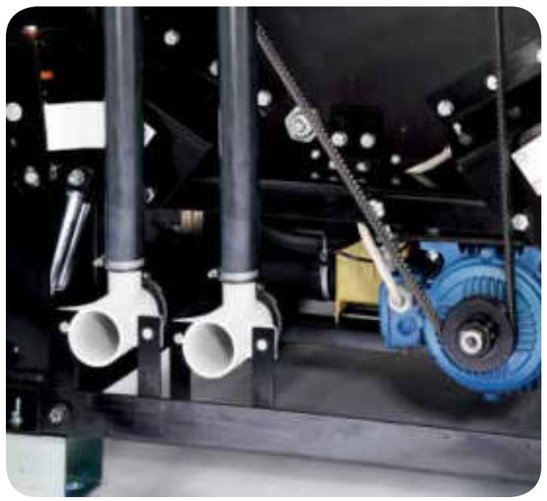
In response to requirements imposed by difficult installation conditions, there are a series of accessories such as voltage stabilisers, transformers and components for special voltages.
Thanks to these devices, the laundry manager can exploit the potentialities of this gamma of machines even in the most harsh installations, such as: mobile work camps, extraction mining, platforms or on board a ship.

**Special features**

Among the numerous product configurations, there is reduced, improved and fractional heating power or operating using only hot water, which is a great choice not only for those equipped with alternative sources of energy. Still oriented towards lowering the energetic and environmental impact of the machines, the second discharging valve, which let water be deviated into a recovery tank instead of directly into the sewer system. Tank water can be used in successive washing programs. An enormous water savings!

## Water savings

The second discharging valve, that comes as optional, lets water be deviated into a recovery tank from where can be re-used in successive washing programs. An enormous water and economy saving!



## Structure

The structure of the machine is particularly robust and suited to intensive work. The frequency controlled motor, located near the bottom, keeps its barycentre near the ground, reducing vibrations and noise level during spinning.



## WFM G400 range

| | | 33 | 40 | 55 |
|---|---|---|---|---|
| Ratio capacity | 1:10 / 1/9 | 33.5 / 37.2 | 40 / 44.4 | 52 / 57.5 |
| Drum dimension | Diameter (mm) | 914 | 914 | 914 |
| | Depth (mm) | 510 | 610 | 790 |
| | Volume (dm³) | 335 | 400 | 518 |
| Door dimension | Diameter (mm) | 540 | 540 | 540 |
| Drum speed / G factor | rpm | 25 ÷ 830 / 352 | 25 ÷ 830 / 352 | 25 ÷ 830 / 352 |
| **Net dimension and packing** | | | | |
| Net dimension | Width (mm) | 1195 | 1195 | 1195 |
| | Depth (mm) | 1230 | 1330 | 1510 |
| | Height (mm) | 1905 | 1905 | 1905 |
| Packing dimension | Width (mm) | 1430 | 1430 | 1430 |
| | Depth (mm) | 1475 | 1570 | 1750 |
| | Height (mm) | 2105 | 2105 | 2105 |
| | Volume (m3) | 4.44 | 4.73 | 5.27 |
| Net / Gross weight | kg | 1230/1370 | 1560/1700 | 1630/1770 |
| **Water consumption** | | | | |
| Water supply | kPa (bar) | 300 ÷ 500 (3÷5) | 300 ÷ 500 (3÷5) | 300 ÷ 500 (3÷5) |
| Inlets diameters | inches | 1" | 1" | 1" |
| Number of inlets | N° | 3 | 3 | 3 |
| Drain | inches | 3" | 3" | 3" |
| Number of drains | N° | 1 ÷ 2 | 1 ÷ 2 | 1 ÷ 2 |
| Water consumption** | Hot water (lt) | 50 | 79 | 93 |
| | Soft cold water (lt) | 68 | 148 | 173 |
| | Hard cold water (lt) | 134 | 297 | 355 |
| | Total (lt) | 252 | 524 | 621 |
| **Electricla data** | | | | |
| Electric supply* | V / ph / Hz | 230-240V 3~50/60Hz<br>380-415V 3N 50/60Hz<br>440-480V 3~ 60Hz | 230-240V 3~50/60Hz<br>380-415V 3N 50/60Hz<br>440-480V 3~ 60Hz | 230-240V 3~50/60Hz<br>380-415V 3N 50/60Hz<br>440-480V 3~ 60Hz |
| Heating power | kW | 24 | 36/24 | 36/24 |
| Motor power (inverter) | kW | 4 | 7.5 | 7.5 |
| Total power | kW | 28 | 43.5/31.5 | 43.5/31.5 |
| Noise | dB | 84.8 | 86.8 | 86.8 |
| **Models with direct and indirect steam heating** | | | | |
| Direct steam pressure | kPa (bar) | 50 ÷ 600 (0.5 ÷ 6) | 50 ÷ 600 (0.5 ÷ 6) | 50 ÷ 600 (0.5 ÷ 6) |
| Direct steam consumption | kg/h | 45 | 57 | 63 |
| Indirect steam pressure | kPa (bar) | 300 ÷ 600 (3 ÷ 6) | 300 ÷ 600 (3 ÷ 6) | 300 ÷ 600 (3 ÷ 6) |
| Indirect steam consumption | kg/h | 150 | 170 | 170 |
| In/out steam diamenter | inches | 3/4" | 3/4" | 3/4" |
| Total electric power | kW | 4 | 7.5 | 7.5 |

* SUPPLY PROTECTION DEVICE Tripping current 100mA. If this value is not allowed or available use a 30mA selective type protection device (circuit breakers) with small time delay set. Class B RCD has better performances than class A.

**Consumption corresponding to 100% of the nominal load was calculated according to the international regulatory standard ISO 9398. The standard provides for the examination of the performance of the machine as a function of a wash cycle composed of a washing phase at 60°C, 3 rinse phases and a final spin at full power, corresponding to a load equal to a nominal capacity with a 1:10 ratio, of towels cotton fabric weighing 420g/m² with dimensions of 60cm x 90cm.

WFMG400 201611 rel.02 GR00000000B028 The manufacturer declines all responsibility for any inexactitudes contained in this catalogue. The manufacturer reserves the right to bring, without warning, any modifications he might believe necessary, without changing the essential characteristics of the product.

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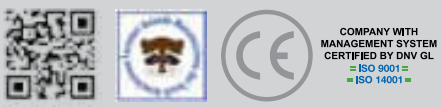


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