



# AS360-500-700

HIGH SPIN ASEPTIC  
WASHING MACHINES



## High spin aseptic washing machines AS360-500-700

### The strength of experience

Aseptic washing machine with stainless steel drum and tub. External panels are painted as a standard.

Opposing doors to prevent any possible contact between clean and dirty laundry. In addition, inner doors are automatically aligned accordingly to the wash steps (loading at the beginning and unloading at the end). The two separate doors/portholes allow to load the dirty laundry on one side and unload the cleaning laundry on the other, preventing the re-contamination of washed clothes. An aseptic washing machine therefore allows compliance with EN14065 (RABC).

Side stabilizers that ensure best machine stability in all possible use conditions and guarantee lower wearing of dampening system.

Microprocessor control freely programmable.

USB & RS485 as standard for all models for easy firmware update; programs export & import; export & import of machine settings

Soap box made of AISI316 with 5 compartments and liquid soap print as a standard for up to 13 signals.

Three phase main switch, insulating transformer, soap pumps pipes connection and all the pipes required for water supply/drain and steam pipe are all featured as standard.

## Optionals

- Peristaltic pumps for liquid soap automatic dosing.
- Panels made of stainless steel or AISI316L as special request.
- Execution without soap dispenser in case of just automatic liquid supply available.
- Second display placed on the appliance clean side.
- Weighing static system realized through load cells.
- Selection between electric or steam heating system.
- Second drain valve can be optionally selected with function for water reuse
- Drain to left side (lateral) – from soiled side
- Isolation for energy and heat reduction
- Water sample tap
- Extra signalization (Orange light + horn)
- Extra signalization (Traffic light + horn)\*
- Air-operator water inlets.



## Frame and structure

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



## Models AS

|                          |                           | 360            | 500            | 700            |
|--------------------------|---------------------------|----------------|----------------|----------------|
| Ratio capacity           | 1:10 / 1:9                | 36 / 40        | 50 / 55,6      | 70 / 77,8      |
| Drum dimensions          | Diameter (mm)             | 775            | 775            | 775            |
|                          | Depth (mm)                | 764            | 1060           | 2 x 742        |
|                          | Volume (dm <sup>3</sup> ) | 360            | 500            | 700            |
| Number of doors per side | N°                        | 1              | 1              | 2              |
| Drum speed / G Factor    | rpm                       | 41 ÷ 900 / 350 | 41 ÷ 900 / 350 | 41 ÷ 900 / 350 |

### Net and packing dimensions

|                    |                          | 360        | 500         | 700         |
|--------------------|--------------------------|------------|-------------|-------------|
| Net dimensions     | Width (mm)               | 1270       | 1566        | 2032        |
|                    | Depth (mm)               | 980        | 980         | 980         |
|                    | Height (mm)              | 1700       | 1700        | 1700        |
| Packing dimensions | Width (mm)               | 1530       | 1830        | 2290        |
|                    | Depth (mm)               | 1255       | 1255        | 1255        |
|                    | Height (mm)              | 2005       | 2005        | 2005        |
|                    | Volume (m <sup>3</sup> ) | 3,85       | 4,60        | 5,76        |
| Net / Gross weight | kg                       | 960 / 1090 | 1130 / 1280 | 1310 / 1470 |

### Water consumption

|                   |                               | 360               | 500               | 700               |
|-------------------|-------------------------------|-------------------|-------------------|-------------------|
| Water supply      | kPa (bar)                     | 100 ÷ 800 (1 ÷ 8) | 100 ÷ 800 (1 ÷ 8) | 100 ÷ 800 (1 ÷ 8) |
| Inlets diameter   | Inches                        | 1 DN25            | 1 DN25            | 1 DN25            |
| Inlets number     | N°                            | 3                 | 3                 | 3                 |
| Drain             | Inches                        | 3                 | 3                 | 3                 |
|                   | Number                        | 2                 | 2                 | 2                 |
| Water consumption | Total 60°C warm wash (lt)     | 121               | 168               | N/A               |
|                   | Total 60°C warm wash ECO (lt) | 93                | 133               | N/A               |
|                   | Total 90°C hot wash (lt)      | 190               | 244               | N/A               |

### Electric data

|                        |             | 360                        | 500         | 700       |
|------------------------|-------------|----------------------------|-------------|-----------|
| Power supply*          | V / ph / Hz | 230-240V 3~50/60Hz         |             |           |
|                        |             | <b>380-415V 3N 50/60Hz</b> |             |           |
|                        |             | 440-480V 3~ 60Hz           |             |           |
| Electric thermal power | kW          | 36                         | 48          | 60        |
| Motor power            | kW          | 5,36                       | 10,06       | 10,06     |
| Total power            | kW          | 41,36                      | 58,06       | 70,06     |
| Noise                  | dB          | 43,9 ÷ 68                  | 49,7 ÷ 69,9 | 47,8 ÷ 69 |
| Fuses                  | A           |                            |             |           |

### Direct steam heating models

|                      |           | 360               | 500               | 700               |
|----------------------|-----------|-------------------|-------------------|-------------------|
| Steam pressure       | kPa (bar) | 300 ÷ 800 (3 ÷ 8) | 300 ÷ 800 (3 ÷ 8) | 300 ÷ 800 (3 ÷ 8) |
| Steam consumption    | kg/h      | 33                | 44                | 66                |
| Steam inlet diameter | Inches    | 3/4 DN20          | 3/4 DN20          | 3/4 DN20          |
| Total electric power | kW        | 5,36              | 10,06             | 10,06             |
| Fuses                | A         |                   |                   |                   |

### Static and dynamic floor load

|                        |    | 360         | 500          | 700          |
|------------------------|----|-------------|--------------|--------------|
| Max static load        | kN | 12,34       | 15,35        | 19,24        |
| Max dynamic load       | kN | 9,41 ± 2,38 | 11,24 ± 3,10 | 13,19 ± 4,41 |
| Dynamic load frequency | Hz | 15          | 15           | 15           |

\* 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.

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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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