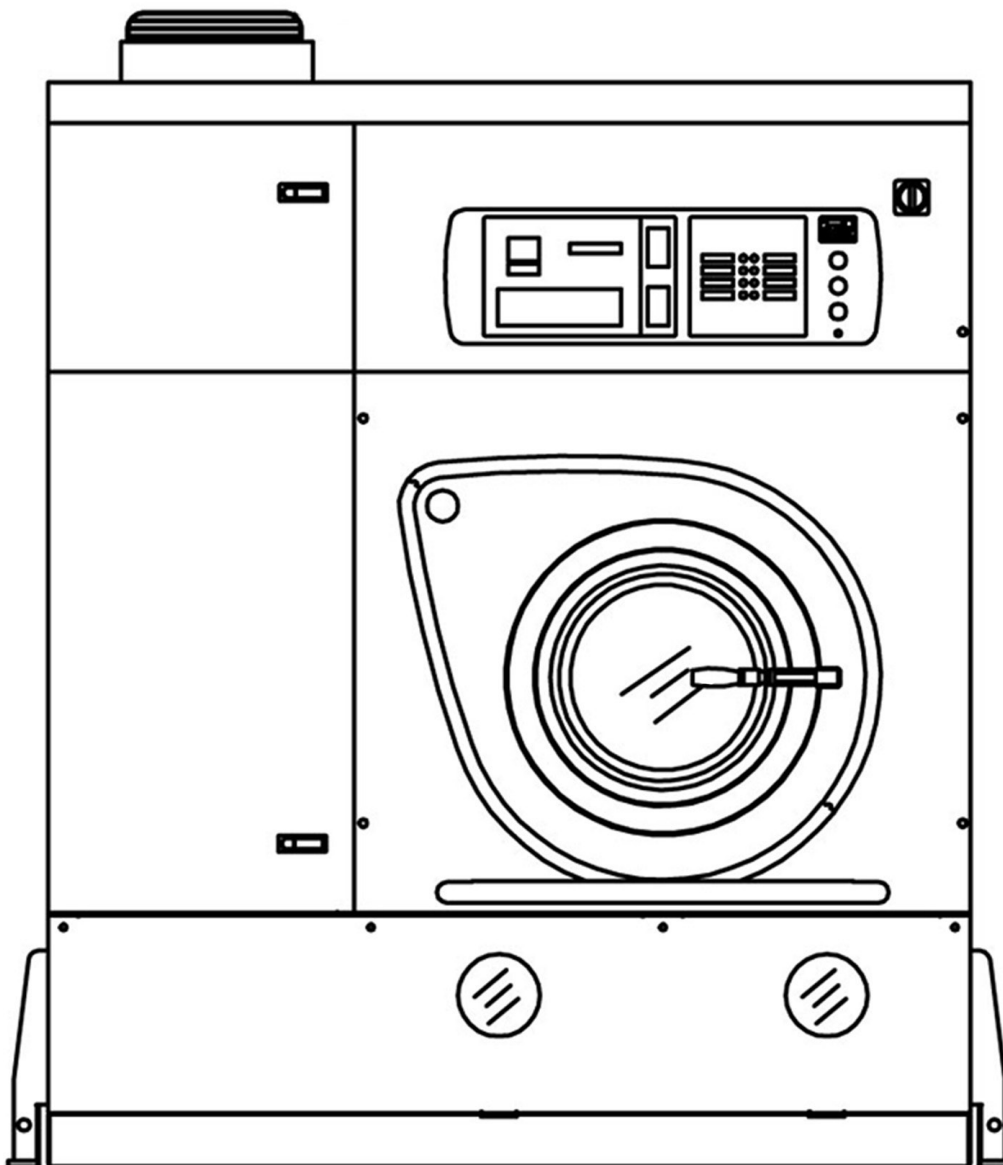




# FIRBIMATIC

DRY CLEANING DIVISION

## TECHNICAL INFORMATION



# F40 S.E.

|                         |              |               |
|-------------------------|--------------|---------------|
| <b>MACHINE CAPACITY</b> | <b>18 Kg</b> | <b>40 Lbs</b> |
|-------------------------|--------------|---------------|

| <b>BASKET</b> |                      |                    |
|---------------|----------------------|--------------------|
| Diameter      | <b>900 mm</b>        | <b>35.4 inches</b> |
| Depth         | <b>535 mm</b>        | <b>21 inches</b>   |
| Volume        | <b>340 Lt</b>        | <b>12 cu.ft</b>    |
| Wash speed    | <b>20 ÷ 50 rpm</b>   |                    |
| Extract speed | <b>300 ÷ 520 rpm</b> |                    |
| Door opening  | <b>500 mm</b>        | <b>20 inches</b>   |

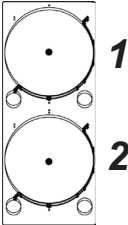
| <b>SOLVENT TANKS</b>              |               |               |
|-----------------------------------|---------------|---------------|
| Useful volume tank 1              | <b>118 Lt</b> | <b>31 gal</b> |
| Useful volume tank 2              | <b>118 Lt</b> | <b>31 gal</b> |
| Useful volume tank 3              | <b>-</b>      | <b>-</b>      |
| <b>FLOOR SAFETY TANK CAPACITY</b> | <b>230 Lt</b> | <b>61 gal</b> |

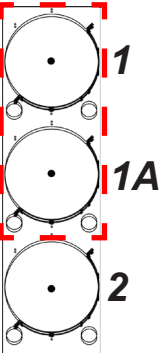
| <b>ELECTRIC POWER</b>           | <b>400V - 3~50Hz</b> |                    | <b>220V - 3~60Hz</b> |                    |
|---------------------------------|----------------------|--------------------|----------------------|--------------------|
| Wash - Extract (With Inverter)  | <b>*1.7÷4.7 Hp</b>   | <b>*1.3÷3.5 Kw</b> | <b>*1.7÷4.7 Hp</b>   | <b>*1.3÷3.5 Kw</b> |
| Solvent pump motor              | <b>1 Hp</b>          | <b>0.75 Kw</b>     | <b>1 Hp</b>          | <b>0.75 Kw</b>     |
| Fan motor                       | <b>2 Hp</b>          | <b>1.5 Kw</b>      | <b>3.5 Hp</b>        | <b>2.65 Kw</b>     |
| Refrigerator compressor         | <b>5.7 Hp</b>        | <b>4.26 Kw</b>     | <b>7 Hp</b>          | <b>5.26 Kw</b>     |
| Remote condenser (optional)     | <b>0.42 Hp</b>       | <b>0.32 Kw</b>     | <b>0.42 Hp</b>       | <b>0.32 Kw</b>     |
| Heater electric elements        | <b>-</b>             | <b>9 Kw</b>        | <b>-</b>             | <b>9 Kw</b>        |
| Air motor compressor (optional) | <b>0.5 Hp</b>        | <b>0.38 Kw</b>     | <b>0.5 Hp</b>        | <b>0.38 Kw</b>     |

\* POWER CHANGES ACCORDINGLY TO THE USE OF THE MACHINE

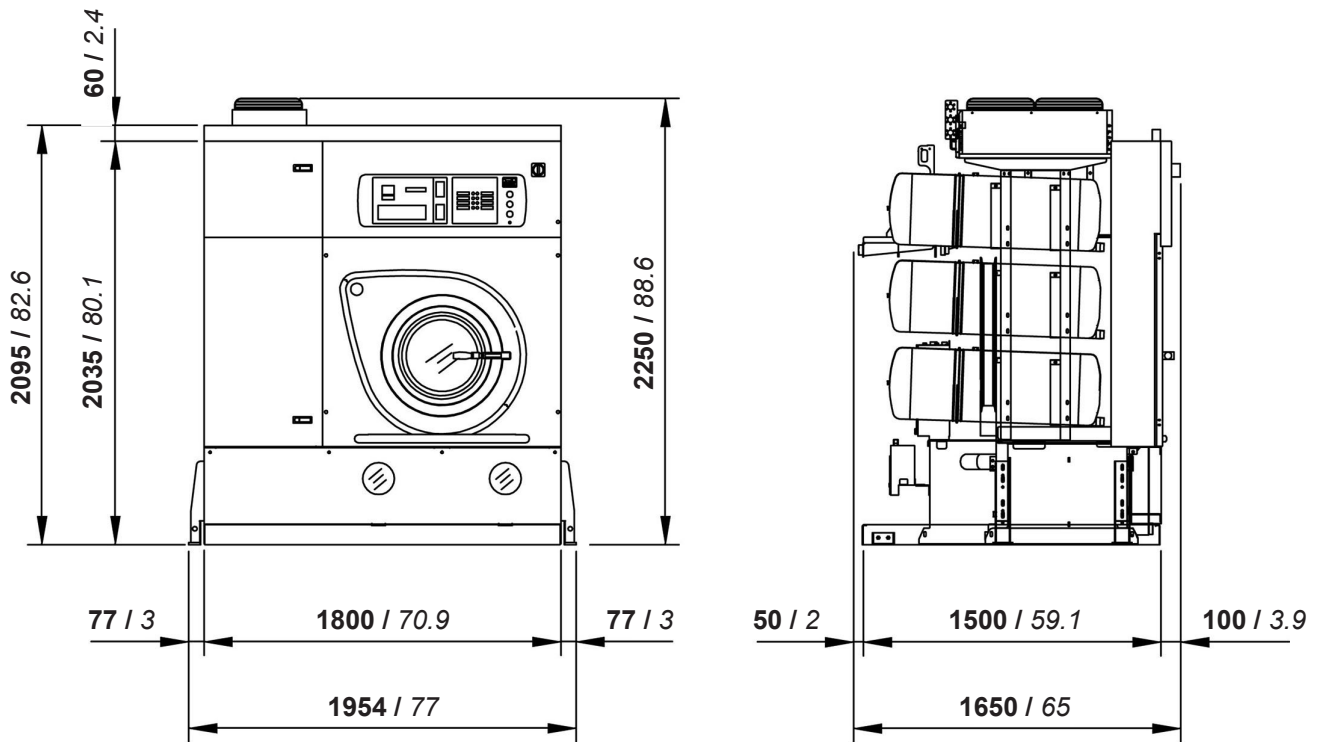
NOTE: Acoustic emission level of the machine is lower than 70 dB (A)

### FILTRATION AVAILABLE IN THIS MODEL

| TWO LARGE CARTRIDGE - KR  |                                 |                                  |                                |
|---|---------------------------------|----------------------------------|--------------------------------|
|  | Vol. large cartridge housing KR | <b>85x2=170 Lt</b>               | <i>22.5x2=45 gal</i>           |
|   | Area large cartridge KR         | <b>2.6x6=15.6 mt<sup>2</sup></b> | <i>28x6=168 ft<sup>2</sup></i> |
|   | Cartridges quantity KR          | <b>nr 3x2=6</b>                  |                                |

| THREE LARGE CARTRIDGE - KR (2 Filter Unit)   |                                 |                                   |                                 |
|--|---------------------------------|-----------------------------------|---------------------------------|
|  | Vol. large cartridge housing KR | <b>105x3=315 Lt</b>               | <i>27.8x3=83.4 gal</i>          |
|  | Area large cartridge KR         | <b>2.6x12=31.2 mt<sup>2</sup></b> | <i>28x12=336 ft<sup>2</sup></i> |
|  | Cartridges quantity KR          | <b>nr 4x3=12</b>                  |                                 |

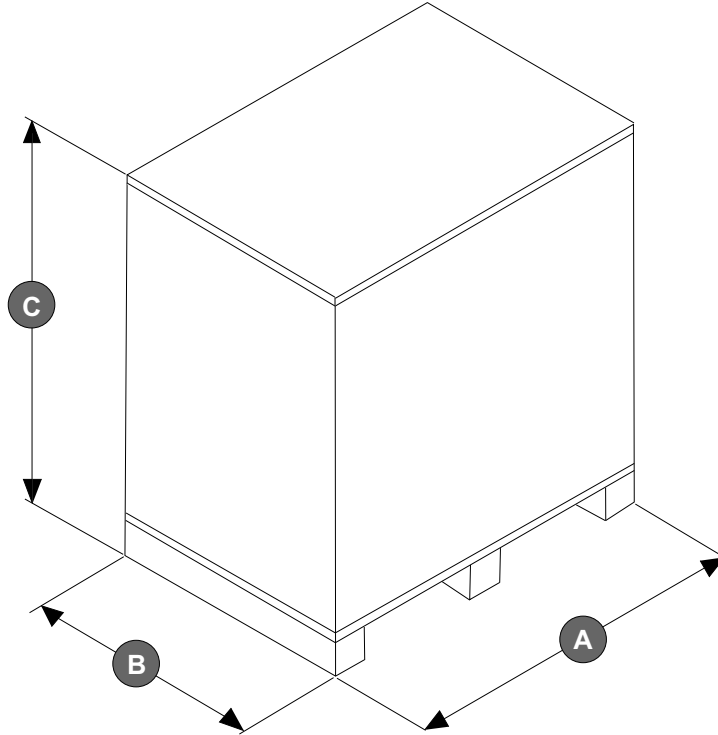
### DIMENSIONS AND WEIGHTS



mm / inches

| CHARGES                                 |                              |                               |
|---|------------------------------|-------------------------------|
| Empty machine weight                    | <b>1450 Kg</b>               | <b>3197 Lbs</b>               |
| Machine weight with solvent             | <b>1874 Kg</b>               | <b>34131 Lbs</b>              |
| Static charge on the floor with solvent | <b>694 Kg/m<sup>2</sup></b>  | <b>142 Lbs/ft<sup>2</sup></b> |
| Dynamic charge on the floor (+10%)      | <b>1069 Kg/m<sup>2</sup></b> | <b>219 Lbs/ft<sup>2</sup></b> |

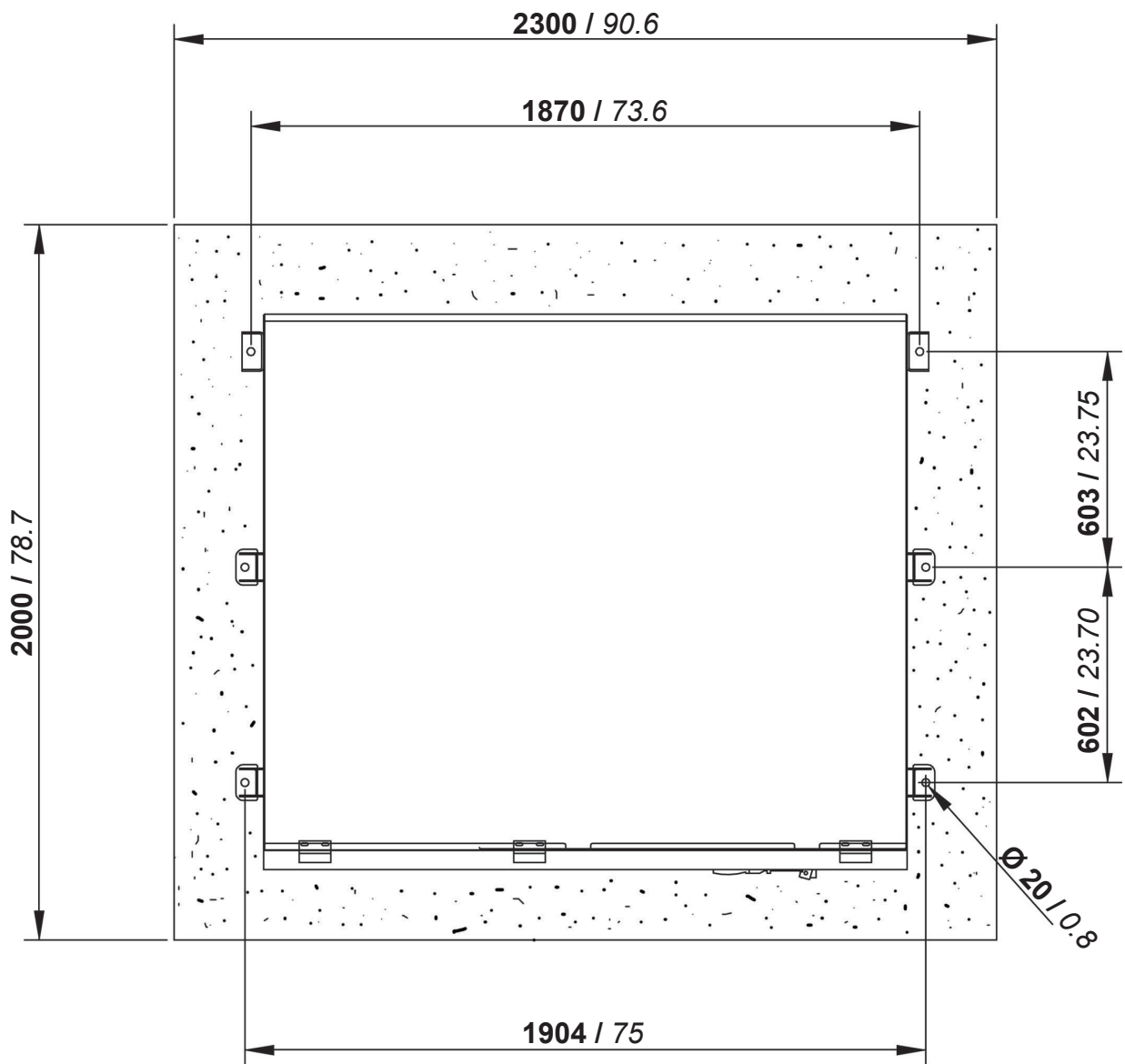
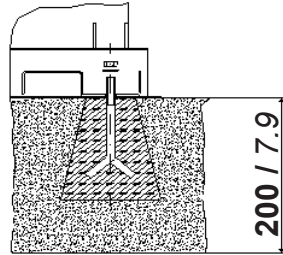
### PACKAGED MACHINE DIMENSIONS AND WEIGHTS



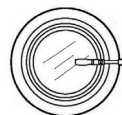
| PACKAGED MACHINE DIMENSIONS |          |        |          |             |          |             |          |
|-----------------------------|----------|--------|----------|-------------|----------|-------------|----------|
| Machine type                |          | Carton |          | Wooden cage |          | Wooden case |          |
| <b>Standard</b>             | <b>A</b> | - mm   | - inches | - mm        | - inches | - mm        | - inches |
|                             | <b>B</b> | - mm   | - inches | - mm        | - inches | - mm        | - inches |
|                             | <b>C</b> | - mm   | - inches | - mm        | - inches | - mm        | - inches |

| PACKAGED MACHINE WEIGHTS |        |       |             |       |             |       |
|--------------------------|--------|-------|-------------|-------|-------------|-------|
| Machine type             | Carton |       | Wooden cage |       | Wooden case |       |
| <b>Standard</b>          | - Kg   | - Lbs | - Kg        | - Lbs | - Kg        | - Lbs |

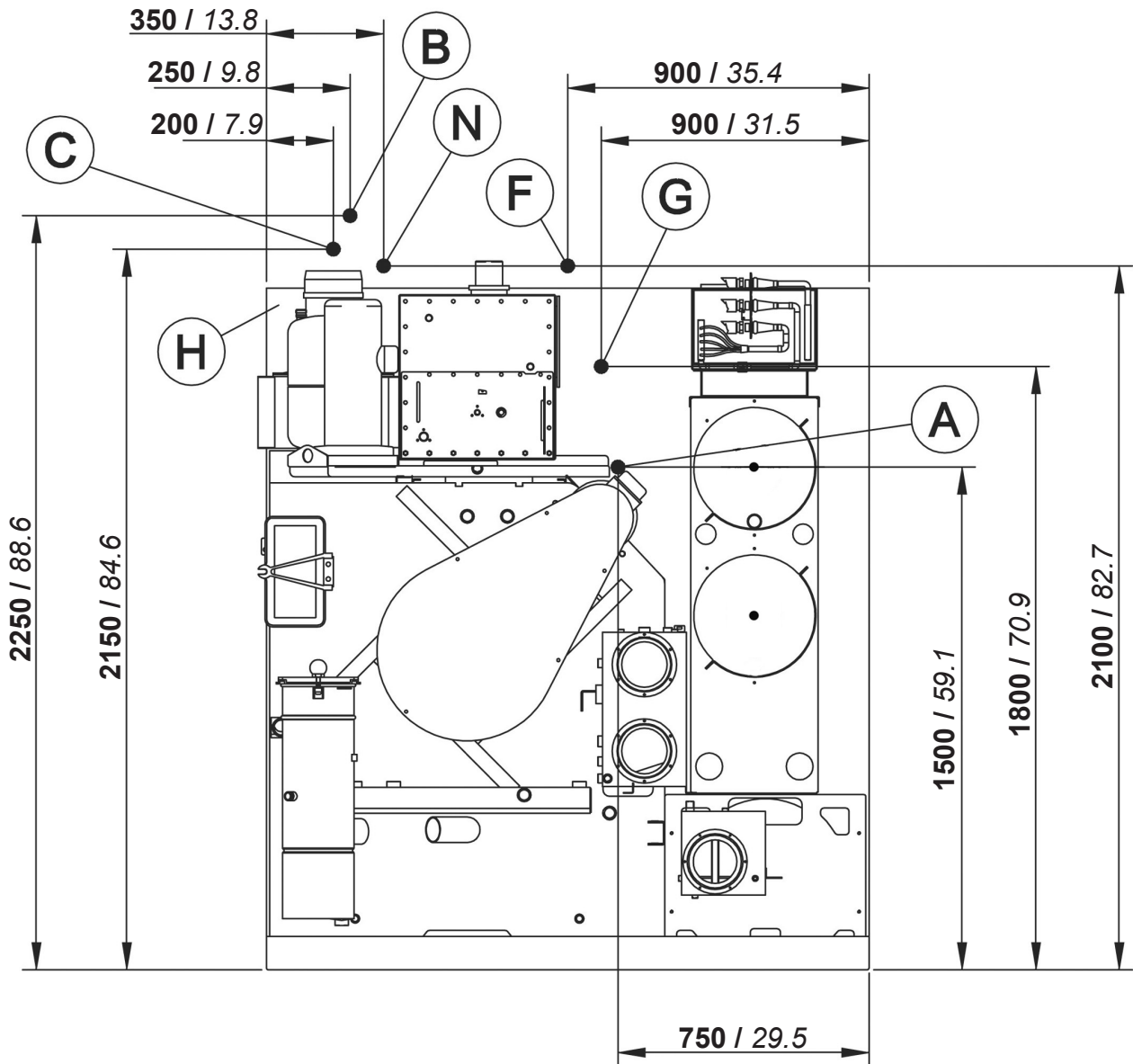
### FIXING POINTS



mm / inches



### CONNECTIONS



mm / inches

|   |   |        |        |
|---|---|--------|--------|
| A | Compressed air inlet                          | Ø 6mm  | Ø 1/4" |
| B | Water inlet (Opt.)                            | Ø 3/4" |        |
| C | Water outlet (Opt.)                           | Ø 3/4" |        |
| D | -   | -      |        |
| E | -   | -      |        |
| F | Steam heater inlet (Opt.)                     | Ø 1/2" |        |
| G | Condensate heater outlet (Opt.)               | Ø 1/2" |        |
| H | Electric connection                           |        |        |
| N | Nitrogen feeding connection (N <sub>2</sub> ) |        |        |

| NECESSARY QUANTITY OF SOLVENT TO FILL THE MACHINE |               |               |                |                |
|---|---------------|---------------|----------------|----------------|
| Machine version - without Filters                 | <b>236 Lt</b> | <b>182 Kg</b> | <i>62 gal</i>  | <i>401 Lbs</i> |
| Machine version - 2 KR Filters                    | <b>406 Lt</b> | <b>313 Kg</b> | <i>107 gal</i> | <i>690 Lbs</i> |
| Machine version - 3 KR Filters (2 Filter Unit)    | <b>551 Lt</b> | <b>424 Kg</b> | <i>145 gal</i> | <i>935 Lbs</i> |

| INFORMATION FOR THE ELECTRICAL CONNECTIONS (400V - 3~50Hz) |               |               |
|--|---------------|---------------|
| ELECTRIC Version   | <b>19 Kw</b>  | <b>47 Amp</b> |
| STEAM Version  | <b>10 Kw</b>  | <b>33 Amp</b> |
| Dissipated heat  | <b>- Kcal</b> |               |

| INFORMATION FOR THE ELECTRICAL CONNECTIONS (220V - 3~60Hz) |               |               |
|--|---------------|---------------|
| ELECTRIC Version   | <b>- Kw</b>   | <b>- Amp</b>  |
| STEAM Version  | <b>12 Kw</b>  | <b>35 Amp</b> |
| Dissipated heat  | <b>- Kcal</b> |               |

| GENERAL INFORMATION                             |                     |                      |
|---|---------------------|----------------------|
| Required water capacity                         | <b>10 Lt/min</b>    | <i>2.6 gal/min</i>   |
| Required water pressure                         | <b>2 ÷ 3 bar</b>    | <i>29 ÷ 44 psi</i>   |
| Required water temperature                      | <b>18 ÷ 23 °C</b>   | <i>65 ÷ 73 °F</i>    |
| Required air pressure                           | <b>6 ÷ 8 bar</b>    | <i>87 ÷ 116 psi</i>  |
| Required steam* heater pressure (Steam Version) | <b>3.5 ÷ 4 bar</b>  | <i>51 ÷ 58 psi</i>   |
| Required steam* availability (Steam Version)    | <b>15 ÷ 20 Kg/h</b> | <i>33 ÷ 44 Lbs/h</i> |

\* Relative values of dry saturated steam.

All technical data are subject to change without notice.