

SOVRANA

MACCHINE LAVASECCO - DRY CLEANING MACHINES

TECHNICAL INFORMATION



S 18 LT3

TECHNICAL INFORMATION

| WORKING MACHINE WITH SOLVENT | PERCHLORETHYLENE | |
|------------------------------|------------------|--------|
| MACHINE CAPACITY | 18 Kg | 40 Lbs |

| BASKET | | |
|---------------|---------------|-------------|
| Diameter | 900 mm | 35.4 inches |
| Depth | 535 mm | 21 inches |
| Volume | 340 Lt | 12 cu.ft |
| Wash speed | 20 ÷ 50 rpm | |
| Extract speed | 300 ÷ 450 rpm | |
| Door opening | 500 mm | 20 inches |

| SOLVENT TANKS | | |
|----------------------------|--------|--------|
| Useful volume tank 1 | 118 Lt | 31 gal |
| Useful volume tank 2 | 118 Lt | 31 gal |
| Useful volume tank 3 | 160 Lt | 42 gal |
| FLOOR SAFETY TANK CAPACITY | 230 Lt | 61 gal |

| STILL | | |
|----------------------------------|--------|----------|
| Useful volume at half inspection | 145 Lt | 38.3 gal |
| Total volume | 180 Lt | 47.6 gal |
| Boiler water capacity | 4.6 Lt | 1.2 gal |


| ELECTRIC POWER | 400V - 3~50Hz | | 220V - 3~60Hz | |
|---------------------------------|---------------|-------------|---------------|-------------|
| Wash - Extract (With Inverter) | *1.7-4.7 Hp | *1.3-3.5 Kw | *1.7-4.7 Hp | *1.3-3.5 Kw |
| Solvent pump motor | 1 Hp | 0.75 Kw | 1 Hp | 0.75 Kw |
| Fan motor | 2 Hp | 1.5 Kw | 3.5 Hp | 2.65 Kw |
| Refrigerator compressor | 5.7 Hp | 4.26 Kw | 7 Hp | 5.26 Kw |
| Nylon filter motor | 0.75 Hp | 0.55 Kw | 0.75 Hp | 0.55 Kw |
| Sludge pump (optional) | 0.75 Hp | 0.55 Kw | 0.75 Hp | 0.55 Kw |
| Still electric elements | - | 7.5 Kw | - | 7.5 Kw |
| Heater electric elements | - | 9 Kw | - | 9 Kw |
| Air motor compressor (optional) | 0.5 Hp | 0.38 Kw | - | - |
| Fan motor Air Clean (optional) | 0.75 Hp | 0.55 Kw | 0.75 Hp | 0.55 Kw |

* 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


ONE NYLON FILTER

| | | | |
|---|-----------------------------|---------------------------|--------------------------|
|  | Volume nylon filter housing | 55 Lt | <i>14,5 gal</i> |
| | Nylon filter area | 3,9 mt² | <i>42 ft²</i> |
| | Filter disks | 26 nr | |


ONE NYLON FILTER AND ONE LARGE CARTRIDGE - KR

| | | | |
|--|---------------------------------|---------------------------------|-------------------------------|
|  | Volume nylon filter housing | 55 Lt | <i>14,5 gal</i> |
| | Nylon filter area | 3,9 mt² | <i>42 ft²</i> |
| | Filter disks | 26 nr | |
| | Vol. large cartridge housing KR | 55 Lt | <i>14,5 gal</i> |
| | Area large cartridge KR | 2,6x2=5,2 mt² | <i>28x2=56 ft²</i> |
| | Cartridges quantity KR | nr 2 | |

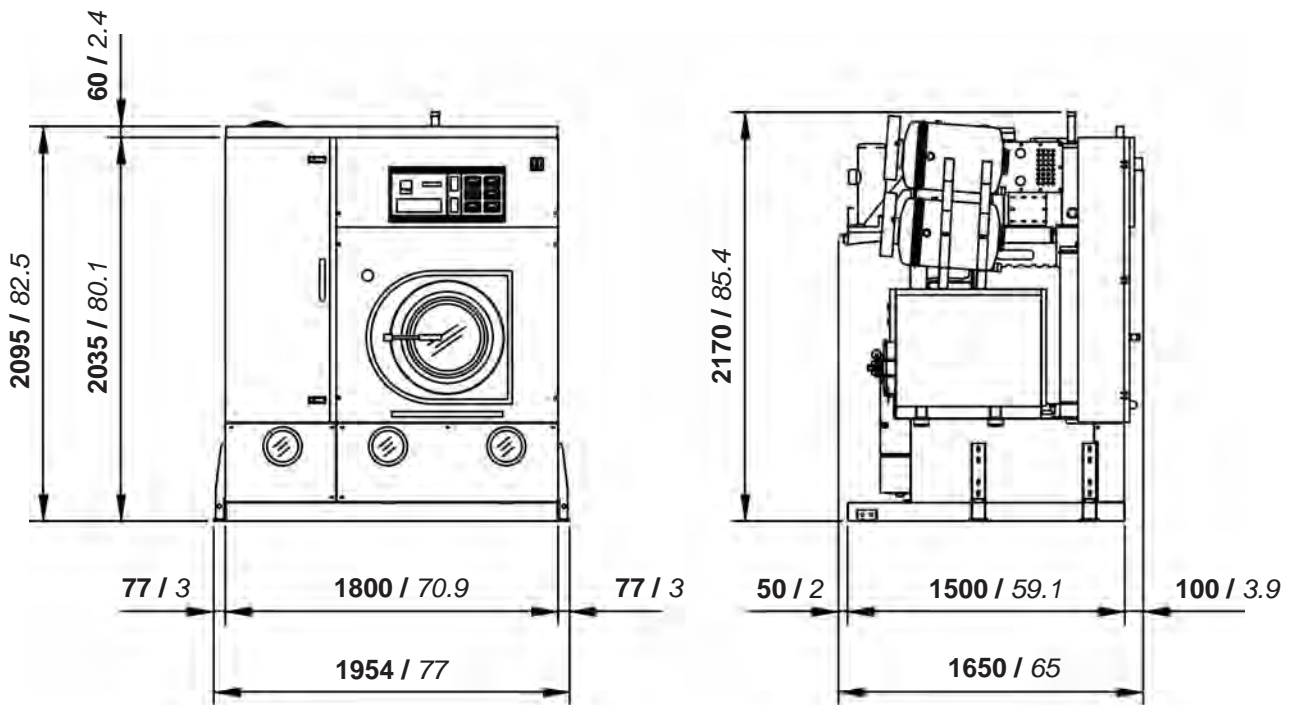
TWO NYLON FILTER

| | | | |
|---|-----------------------------|---------------------------------|-------------------------------|
|  | Volume nylon filter housing | 55x2=110 Lt | <i>137.4 gal</i> |
| | Nylon filter area | 3,9x2=7,8 mt² | <i>42x2=84 ft²</i> |
| | Filter disks | 26x2=52 nr | |

ONE NYLON FILTER AND ONE DECOLORATING FILTER PR

| | | | |
|---|--------------------------------|---------------------------|--------------------------|
|  | Volume nylon filter housing | 55 Lt | <i>14,5 gal</i> |
| | Nylon filter area | 3,9 mt² | <i>42 ft²</i> |
| | Filter disks | 26 nr | |
| | Decolorating housing volume PR | 13 Lt | <i>3,4 gal</i> |
| | Decolorating cartridges | 1 nr | |
| | Decolorating cabon quantity | 2 kg | <i>4,4 Lbs</i> |

DIMENSIONS AND WEIGHTS



mm / inches

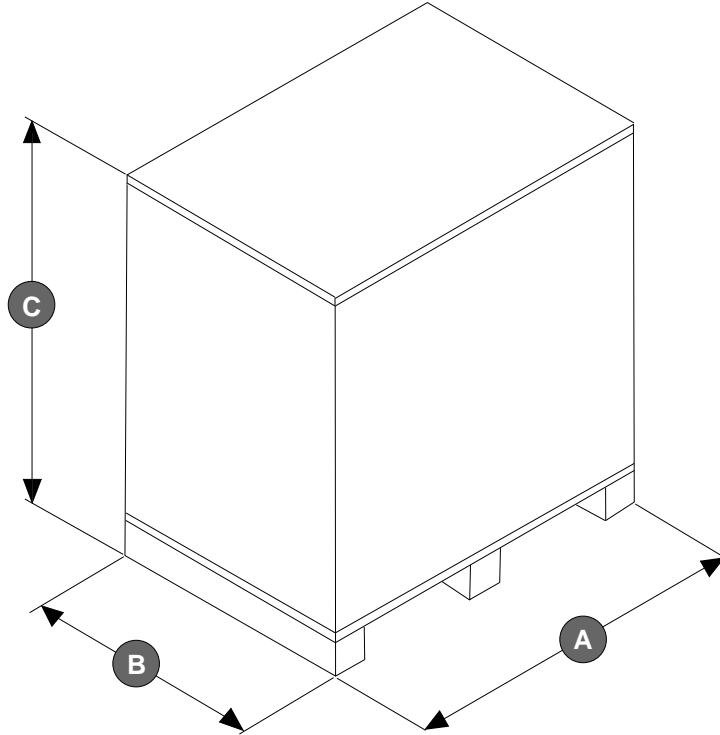
CHARGES - STANDARD VERSION

| | | |
|---|------------------------------|-------------------------------|
| Empty machine weight | 1580 Kg | 3483Lbs |
| Machine weight with solvent | 2390 Kg | 5269 Lbs |
| Static charge on the floor with solvent | 885 Kg/m² | 181 Lbs/ft² |
| Dynamic charge on the floor (+10%) | 1155 Kg/m² | 237 Lbs/ft² |

CHARGES with Air Clean VERSION

| | | |
|---|------------------------------|-------------------------------|
| Empty machine weight | 1660 Kg | 3660 Lbs |
| Machine weight with solvent | 2470 Kg | 5472 Lbs |
| Static charge on the floor with solvent | 915 Kg/m² | 188 Lbs/ft² |
| Dynamic charge on the floor (+10%) | 1187 Kg/m² | 243 Lbs/ft² |

PACKAGED MACHINE DIMENSIONS AND WEIGHTS

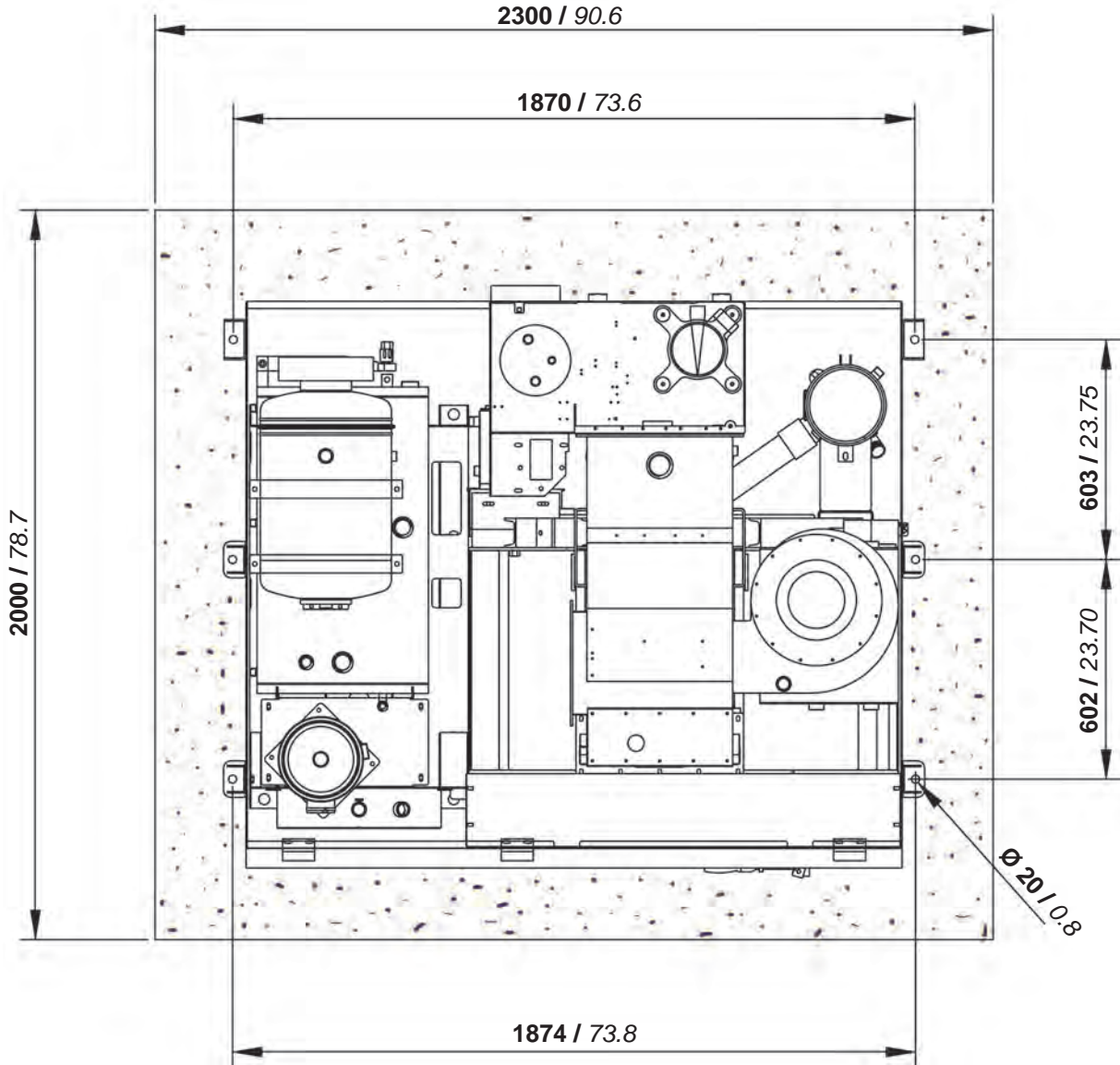
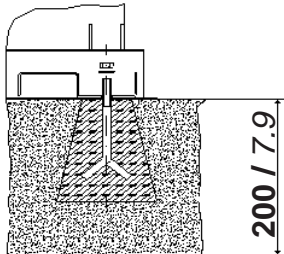


| PACKAGED MACHINE DIMENSIONS | | | | | | | |
|-----------------------------|----------|--------|----------|-------------|----------|-------------|----------|
| Machine type | | Carton | | Wooden cage | | Wooden case | |
| Standard | A | - mm | - inches | - mm | - inches | - mm | - inches |
| | B | - mm | - inches | - mm | - inches | - mm | - inches |
| | C | - mm | - inches | - mm | - inches | - mm | - inches |
| with Air Clean | A | - mm | - inches | - mm | - inches | - mm | - inches |
| | B | - mm | - inches | - mm | - inches | - mm | - inches |
| | C | - mm | - inches | - mm | - inches | - mm | - inches |

| PACKAGED MACHINE WEIGHTS | | | | | | |
|--------------------------|--------|-------|-------------|-------|-------------|-------|
| Machine type | Carton | | Wooden cage | | Wooden case | |
| Standard | - Kg | - Lbs | - Kg | - Lbs | - Kg | - Lbs |
| con Air Clean | - Kg | - Lbs | - Kg | - Lbs | - Kg | - Lbs |

USEFUL INSTALLATION INFORMATION

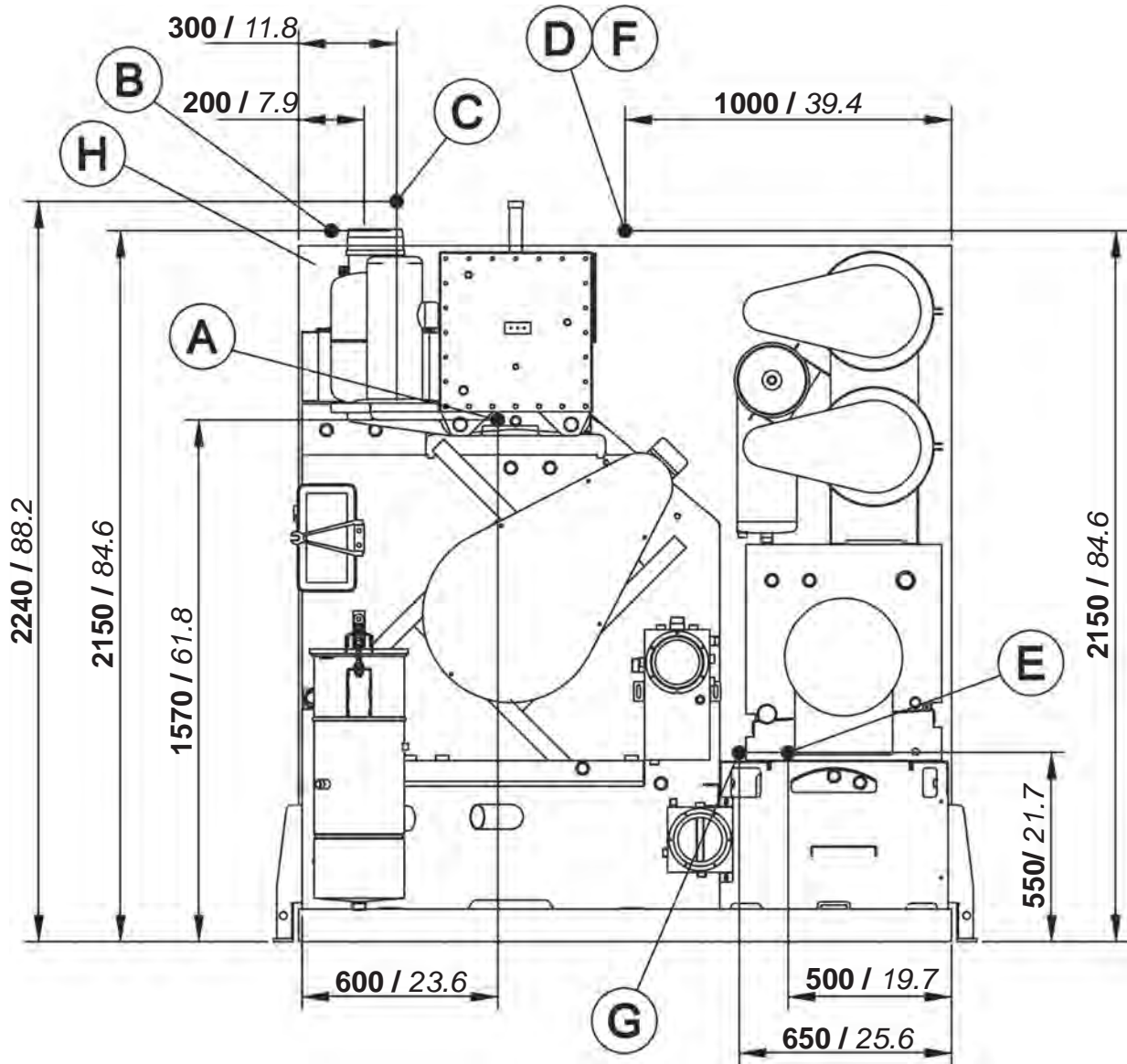
FIXING POINTS



mm / inches



CONNECTIONS



| | | | |
|---|--------------------------|--------|--------|
| A | Compressed air inlet | Ø 6mm | Ø 1/4" |
| B | Water inlet | Ø 3/4" | |
| C | Water outlet | Ø 3/4" | |
| D | Steam still inlet | Ø 1/2" | |
| E | Condensate still outlet | Ø 1/2" | |
| F | Steam heater inlet | Ø 1/2" | |
| G | Condensate heater outlet | Ø 1/2" | |
| H | Electric connection | | |

USEFUL INSTALLATION INFORMATION

| SOLVENT TYPE | PERCHLOROETHYLENE | | | |
|---|-------------------|---------------|----------------|-----------------|
| NECESSARY QUANTITY OF SOLVENT TO FILL THE MACHINE | | | | |
| Machine version - without Filters | 396 Lt | 634 Kg | <i>105 gal</i> | <i>1398 Lbs</i> |
| Machine version - 1 Nylon Filter | 451 Lt | 722 Kg | <i>119 gal</i> | <i>1592 Lbs</i> |
| Machine version - 1 Nylon Filter + 1 Deco | 464 Lt | 742 Kg | <i>123 gal</i> | <i>1636 Lbs</i> |
| Machine version - 1 Nylon Filter + 1 KR | 506 Lt | 810 Kg | <i>134 gal</i> | <i>1786 Lbs</i> |
| Machine version - 2 Nylon Filters | 506 Lt | 810 Kg | <i>134 gal</i> | <i>1786 Lbs</i> |

| INFORMATION FOR THE ELECTRICAL CONNECTIONS (400V - 3~50Hz) | | |
|--|------------------|---------------|
| ELECTRIC Version | 24.5 Kw | 44 Amp |
| STEAM Version | 8 Kw | 19 Amp |
| Dissipated heat | 4400 Kcal | |

| INFORMATION FOR THE ELECTRICAL CONNECTIONS (220V - 3~60Hz) | | |
|--|------------------|---------------|
| ELECTRIC Version | <i>26.5 Kw</i> | <i>71 Amp</i> |
| STEAM Version | <i>10 Kw</i> | <i>28 Amp</i> |
| Dissipated heat | <i>4400 Kcal</i> | |

| GENERAL INFORMATION | | |
|---|-------------------|---------------------|
| Required water capacity | Lt/min 10 | <i>gal/min 2.6</i> |
| Required water pressure | bar 2 ÷ 3 | <i>psi 29 ÷ 44</i> |
| Required water temperature | °C 18 ÷ 23 | <i>°F 65 ÷ 73</i> |
| Required air pressure | bar 6 ÷ 8 | <i>psi 87 ÷ 116</i> |
| Required steam pressure (Steam Version) | bar 4 ÷ 5 | <i>psi 55 ÷ 70</i> |
| Required steam availability | Kg/h 60 | <i>Lbs/h 132</i> |

All technical data are subject to change without notice.