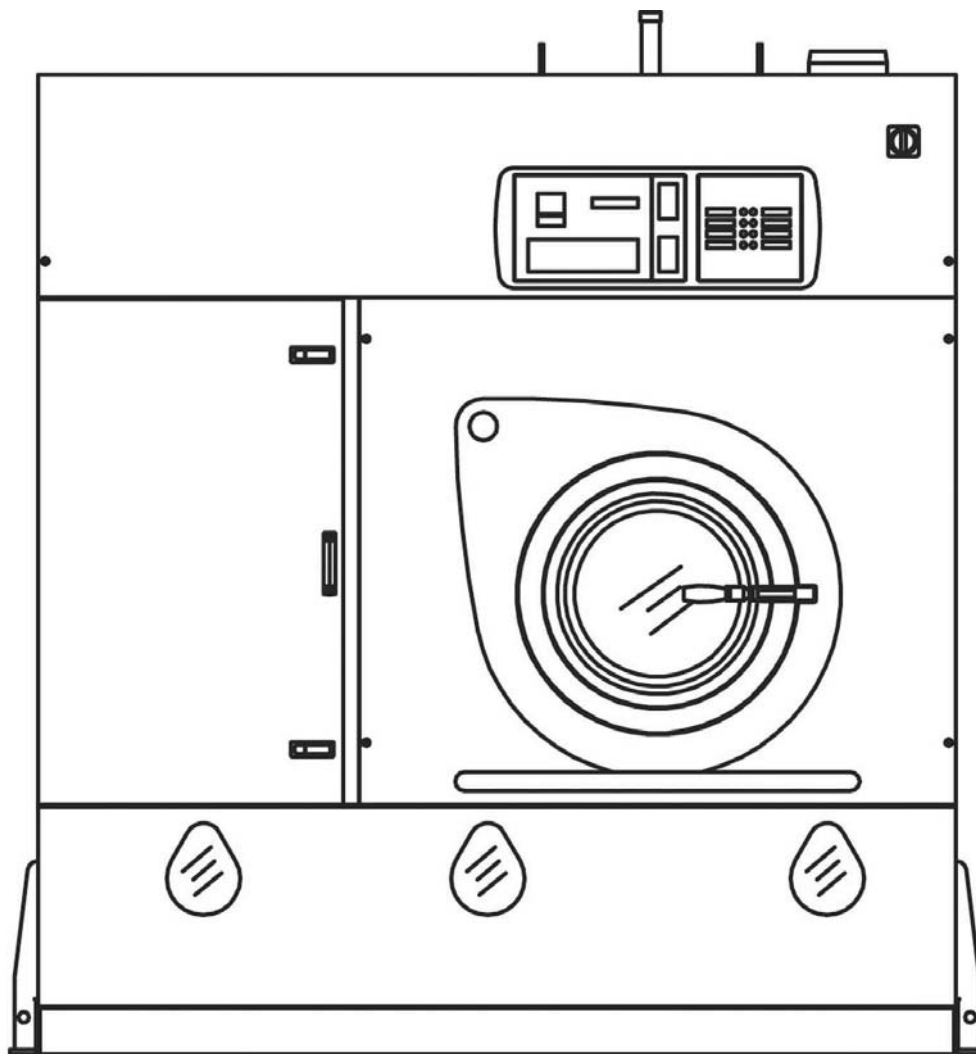




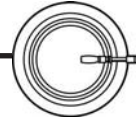
# FIRBIMATIC

DRY CLEANING DIVISION

## TECHNICAL INFORMATION



# F25 LT3



WORKING MACHINE WITH SOLVENT	PERCHLORETHYLENE	
MACHINE CAPACITY	25 Kg	55 ÷ 60 Lbs

BASKET		
Diameter	1000 mm	39.4 inches
Depth	640 mm	25.2 inches
Volume	500 Lt	14.1 cu.ft
Wash speed	20 ÷ 50 rpm	
Extract speed	300 ÷ 450 rpm	
Door opening	500 mm	20 inches

SOLVENT TANKS		
Useful volume tank 1	160 Lt	42 gal
Useful volume tank 2	160 Lt	42 gal
Useful volume tank 3	210 Lt	55 gal
FLOOR SAFETY TANK CAPACITY	327 Lt	86 gal

STILL		
Useful volume at half inspection	190 Lt	50 gal
Total volume	230 Lt	61 gal
Boiler water capacity	5 Lt	1.3 gal

ELECTRIC POWER	400V - 3~50Hz		220V - 3~60Hz	
	Wash - Extract (With Inverter)	*2.7-7.5 Hp	*2-5.5 Kw	*2.7-7.5 Hp
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 Hp	3.75 Kw	5 Hp	3.75 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	-	9 Kw	-	9 Kw
Heater electric elements	-	9 Kw	-	9 Kw
Air motor compressor (optional)	0.5 Hp	0.38 Kw	-	-
Fan motor Coalperc (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)



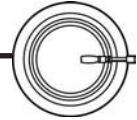
**FILTRATION AVAILABLE IN THIS MODEL**

<b>ONE NYLON FILTER</b>			
	Volume nylon filter housing	<b>55 Lt</b>	<i>14,5 gal</i>
	Nylon filter area	<b>3,9 mt<sup>2</sup></b>	<i>42 ft<sup>2</sup></i>
	Filter disks	<b>26 nr</b>	

<b>ONE NYLON FILTER AND ONE LARGE CARTRIDGE - KR</b>			
	Volume nylon filter housing	<b>55 Lt</b>	<i>14,5 gal</i>
	Nylon filter area	<b>3,9 mt<sup>2</sup></b>	<i>42 ft<sup>2</sup></i>
	Filter disks	<b>26 nr</b>	
	Vol. large cartridge housing KR	<b>55 Lt</b>	<i>14,5 gal</i>
	Area large cartridge KR	<b>2,6x2=5,2 mt<sup>2</sup></b>	<i>28x2=56 ft<sup>2</sup></i>
	Cartridges quantity KR	<b>nr 2</b>	

<b>TWO NYLON FILTER</b>			
	Volume nylon filter housing	<b>55x2=110 Lt</b>	<i>137.4 gal</i>
	Nylon filter area	<b>3,9x2=7,8 mt<sup>2</sup></b>	<i>42x2=84 ft<sup>2</sup></i>
	Filter disks	<b>26x2=52 nr</b>	

<b>ONE NYLON FILTER AND ONE DECOLORATING FILTER PR</b>			
	Volume nylon filter housing	<b>55 Lt</b>	<i>14,5 gal</i>
	Nylon filter area	<b>3,9 mt<sup>2</sup></b>	<i>42 ft<sup>2</sup></i>
	Filter disks	<b>26 nr</b>	
	Decolorating housing volume PR	<b>13 Lt</b>	<i>3,4 gal</i>
	Decolorating cartridges	<b>1 nr</b>	
	Decolorating cabon quantity	<b>2 kg</b>	<i>4,4 Lbs</i>



### ONE NYLON ONE CARTRIDGE -KR ONE DECOLORATING

	Volume nylon filter housing	<b>55 Lt</b>	<i>14.5 gal</i>
	Nylon filter area	<b>3,9 mt<sup>2</sup></b>	<i>42 ft<sup>2</sup></i>
	Filter disks	<b>26 nr</b>	
	Vol. large cartridge housing KR	<b>55 Lt</b>	<i>14.5 gal</i>
	Area large cartridge KR	<b>2,6x2=5,2 mt<sup>2</sup></b>	<i>28x2=56 ft<sup>2</sup></i>
	Cartridges quantity KR	<b>nr 2</b>	
	Decolorating housing volume	<b>13 Lt</b>	<i>3.4 gal</i>
	Tubes	<b>1 nr</b>	
	Decolorating cartridges	<b>1 nr</b>	
	Decolorating cabon quantity	<b>2 kg</b>	<i>4.4 Lbs</i>

### TWO NYLON FILTERS AND ONE DECOLORATING FILTER

	Volume nylon filter housing	<b>55x2=110 Lt</b>	<i>137.4 gal</i>
	Nylon filter area	<b>3,9x2=7,8 mt<sup>2</sup></b>	<i>42x2=84 ft<sup>2</sup></i>
	Filter disks	<b>26x2=52 nr</b>	
	Decolorating housing volume	<b>13 Lt</b>	<i>3.4 gal</i>
	Tubes	<b>1 nr</b>	
	Decolorating cartridges	<b>1 nr</b>	
	Decolorating cabon quantity	<b>2 kg</b>	<i>4.4 Lbs</i>

### TWO NYLON FILTER AND TWO DECOLORATING FILTER

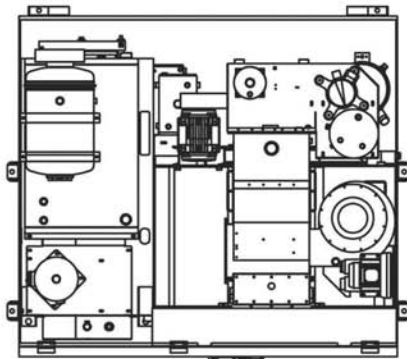
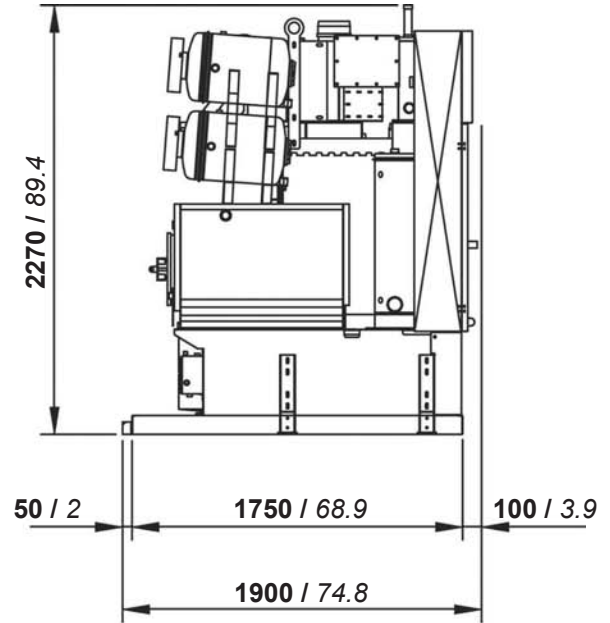
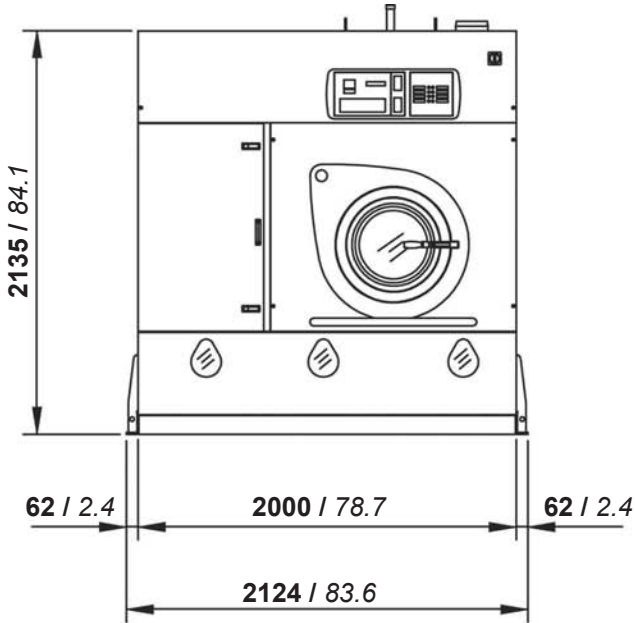
	Volume nylon filter housing	<b>55x2=110 Lt</b>	<i>137.4 gal</i>
	Nylon filter area	<b>3,9x2=7,8 mt<sup>2</sup></b>	<i>42x2=84 ft<sup>2</sup></i>
	Filter disks	<b>26x2=52 nr</b>	
	Decolorating housing volume	<b>13x2=26 Lt</b>	<i>3.4x2=6.8 gal</i>
	Tubes	<b>2 nr</b>	
	Decolorating cartridges	<b>2 nr</b>	
	Decolorating cabon quantity	<b>4 kg</b>	<i>8.8 Lbs</i>



**TECHNICAL INFORMATION**

**F25 LT3**

**DIMENSIONS AND WEIGHTS**



mm / inches

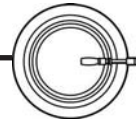
**CHARGES - STANDARD VERSION**

Empty machine weight	<b>2000 Kg</b>	<b>4409 Lbs</b>
Machine weight with solvent	<b>2688 Kg</b>	<b>5926 Lbs</b>
Static charge on the floor with solvent	<b>768 Kg/m<sup>2</sup></b>	<b>157 Lbs/ft<sup>2</sup></b>
Dynamic charge on the floor (+10%)	<b>1117 Kg/m<sup>2</sup></b>	<b>229 Lbs/ft<sup>2</sup></b>

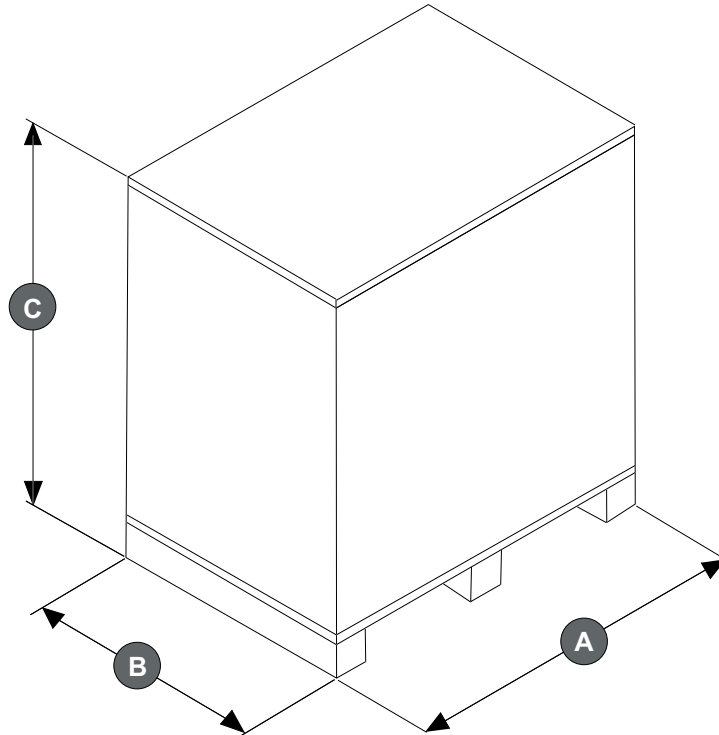
**CHARGES - PLUS VERSION**

Empty machine weight	<b>2100 Kg</b>	<b>4630 Lbs</b>
Machine weight with solvent	<b>2788 Kg</b>	<b>6146 Lbs</b>
Static charge on the floor with solvent	<b>797 Kg/m<sup>2</sup></b>	<b>163 Lbs/ft<sup>2</sup></b>
Dynamic charge on the floor (+10%)	<b>1150 Kg/m<sup>2</sup></b>	<b>236 Lbs/ft<sup>2</sup></b>





### PACKAGED MACHINE DIMENSIONS AND WEIGHTS

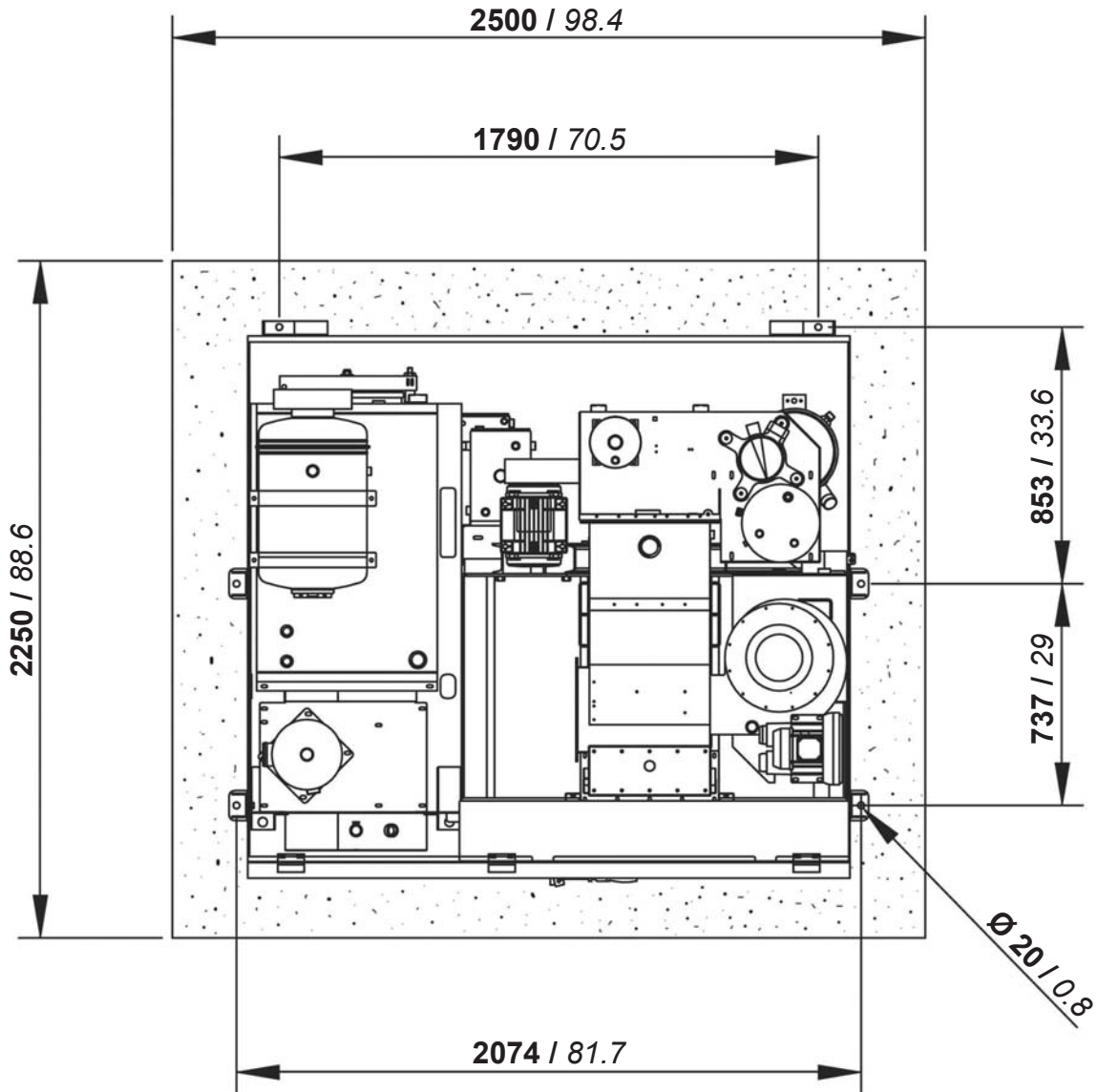
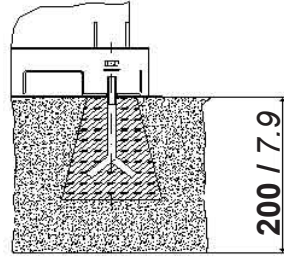


PACKAGED MACHINE DIMENSIONS							
Machine type		Carton		Wooden cage		Wooden case	
<b>Standard</b>	<b>A</b>	- mm	- inches	- mm	- inches	- mm	- inches
	<b>B</b>	- mm	- inches	- mm	- inches	- mm	- inches
	<b>C</b>	- mm	- inches	- mm	- inches	- mm	- inches
<b>Plus</b>	<b>A</b>	- mm	- inches	- mm	- inches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

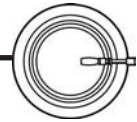


FIXING POINTS



mm / inches





### CONNECTIONS

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





SOLVENT TYPE	PERCHLOROETHYLENE			
NECESSARY QUANTITY OF SOLVENT TO FILL THE MACHINE				
Machine version - without Filters	<b>530 Lt</b>	<b>848 Kg</b>	<i>140 gal</i>	<i>1870 Lbs</i>
Machine version - 1 Nylon Filter	<b>585 Lt</b>	<b>936 Kg</b>	<i>155 gal</i>	<i>2064 Lbs</i>
Machine version - 1 Nylon Filter + 1 KR	<b>598 Lt</b>	<b>957 Kg</b>	<i>158 gal</i>	<i>2110 Lbs</i>
Machine version - 2 Nylon Filters	<b>640 Lt</b>	<b>1024 Kg</b>	<i>169 gal</i>	<i>2258 Lbs</i>
Machine version - 1 Nylon Filter + 1 Deco	<b>640 Lt</b>	<b>1024 Kg</b>	<i>169 gal</i>	<i>2258 Lbs</i>
Machine version - 1 Nylon Filter + 1 KR + 1 Deco	<b>653 Lt</b>	<b>1045 Kg</b>	<i>173 gal</i>	<i>2304 Lbs</i>
Machine version - 2 Nylon Filters + 1 Deco	<b>653 Lt</b>	<b>1045 Kg</b>	<i>173 gal</i>	<i>2304 Lbs</i>
Machine version - 2 Nylon Filters + 2 Deco	<b>666 Lt</b>	<b>1066 Kg</b>	<i>176 gal</i>	<i>2350 Lbs</i>

INFORMATION FOR THE ELECTRICAL CONNECTIONS			(400V - 3~50Hz)	
ELECTRIC Version		<b>26 Kw</b>	<b>47 Amp</b>	
STEAM Version		<b>8 Kw</b>	<b>19 Amp</b>	
Dissipated heat		<b>4875 Kcal</b>		

INFORMATION FOR THE ELECTRICAL CONNECTIONS			(220V - 3~60Hz)	
ELECTRIC Version		<b>27 Kw</b>	<b>90 Amp</b>	
STEAM Version		<b>9 Kw</b>	<b>29 Amp</b>	
Dissipated heat		<b>4875 Kcal</b>		

GENERAL INFORMATION		
Required water capacity	<b>Lt/min 10</b>	<i>gal/min 2.6</i>
Required water pressure	<b>bar 2 ÷ 3</b>	<i>psi 29 ÷ 44</i>
Required water temperature	<b>°C 18 ÷ 23</b>	<i>°F 65 ÷ 73</i>
Required air pressure	<b>bar 7 ÷ 8</b>	<i>psi 100 ÷ 115</i>
Required steam pressure (Steam Version)	<b>bar 4 ÷ 5</b>	<i>psi 55 ÷ 70</i>
Required steam availability	<b>Kg/h 80</b>	<i>Lbs/h 176</i>

All technical data are subject to change without notice.

