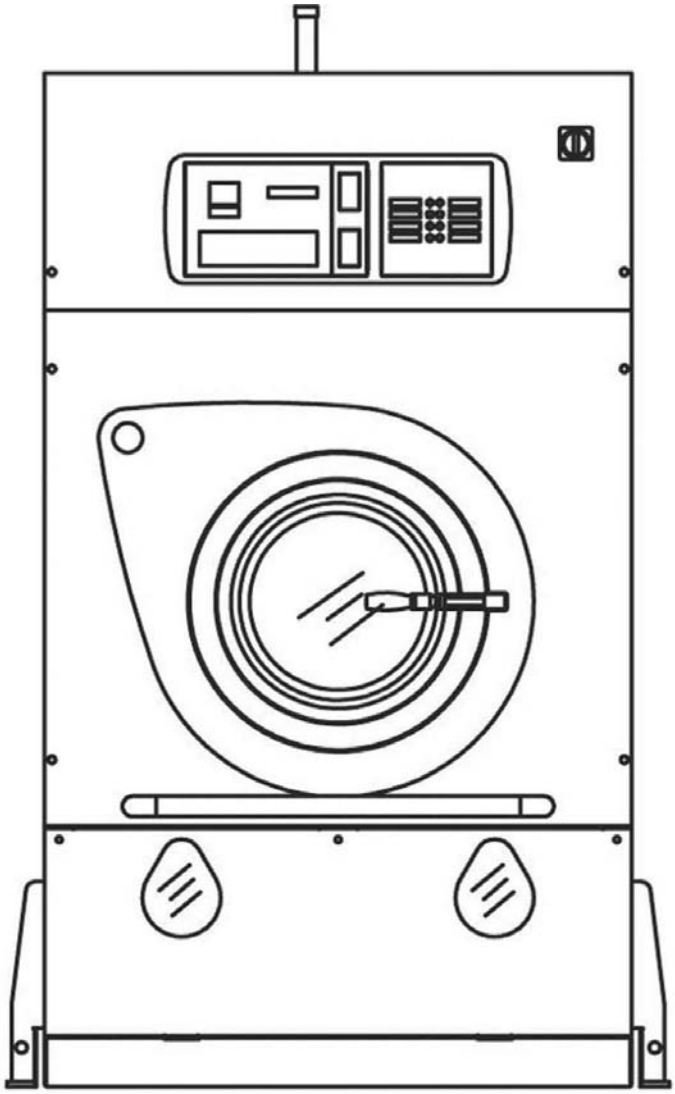
S.p.A.

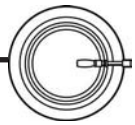
FIRBIMATIC

DRY CLEANING DIVISION

TECHNICAL INFORMATION



F18 ST2



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	122 Lt	*32 gal*
Useful volume tank 2	122 Lt	*32 gal*
Useful volume tank 3	-	-
FLOOR SAFETY TANK CAPACITY	215 Lt	*57 gal*

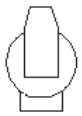
STILL		
Useful volume at half inspection	144 Lt	*38 gal*
Total volume	164 Lt	*43.3 gal*
Boiler water capacity	4 Lt	*1.1 gal*

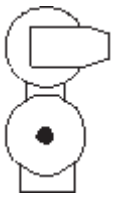
ELECTRIC POWER	400V - 3~50Hz		220V - 3~60Hz	
Wash - Extract (With Inverter)	*1.7÷4.7 Hp	*1.3÷3.5 Kw	*1.7÷4.7 Hp*	*1.3÷3.5 Kw*
Solvent pump motor	0.75 Hp	0.55 Kw	*0.75 Hp*	*0.55 Kw*
Fan motor	2 Hp	1.5 Kw	*3.5 Hp*	*2.65 Kw*
Refrigerator compressor	5 Hp	3.75 Kw	*5 Hp*	*3.75 Kw*
Nylon filter motor	0.75 Hp	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	-	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 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

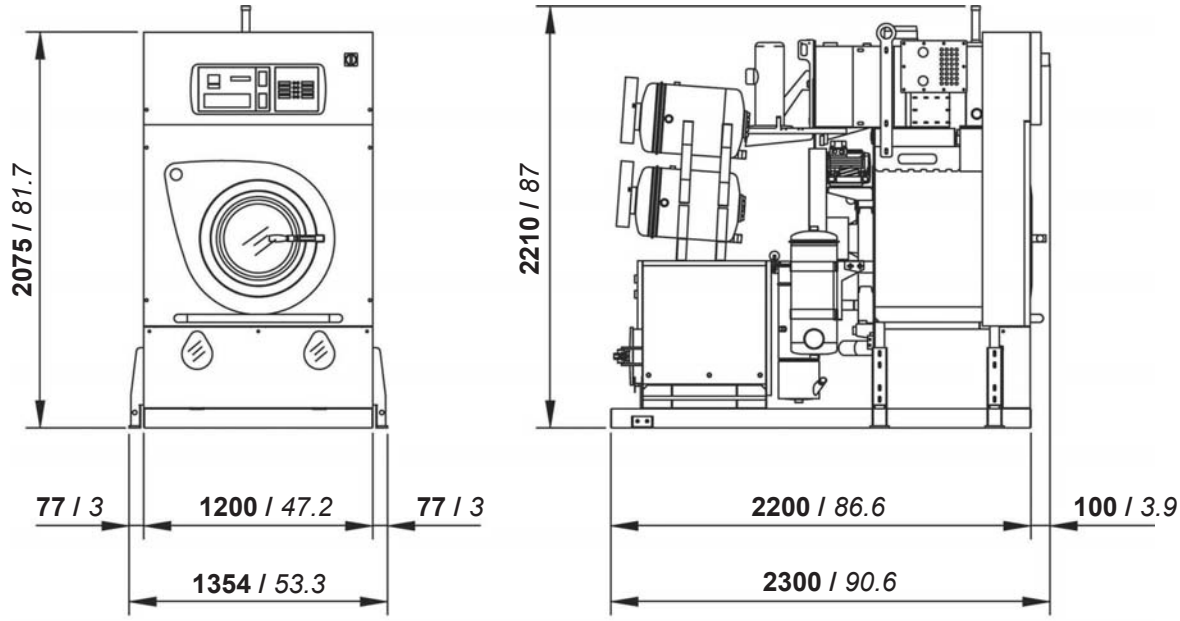
ONE NYLON FILTER			
	Volume nylon filter housing	**55 Lt**	*14,5 gal*
	Nylon filter area	**3,9 mt²**	*42 ft²*
	Filter disks	**26 nr**	

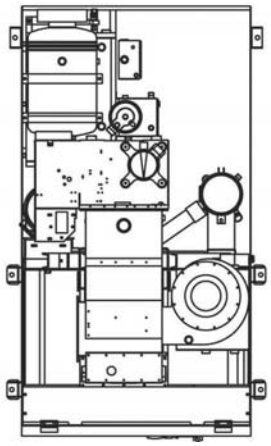
ONE NYLON FILTER AND ONE LARGE CARTRIGDE - KR			
	Volume nylon filter housing	**55 Lt**	*14,5 gal*
	Nylon filter area	**3,9 mt²**	*42 ft²*
	Filter disks	**26 nr**	
	Vol. large cartridge housing KR	**55 Lt**	*14,5 gal*
	Area large cartridge KR	**2,6x2=5,2 mt²**	*28x2=56 ft²*
	Cartridges quantity KR	**nr 2**	

TWO NYLON FILTER			
	Volume nylon filter housing	**55x2=110 Lt**	*137.4 gal*
	Nylon filter area	**3,9x2=7,8 mt²**	*42x2=84 ft²*
	Filter disks	**26x2=52 nr**	

ONE NYLON FILTER AND ONE DECOLORATING FILTER PR			
	Volume nylon filter housing	**55 Lt**	*14,5 gal*
	Nylon filter area	**3,9 mt²**	*42 ft²*
	Filter disks	**26 nr**	
	Decolorating housing volume PR	**13 Lt**	*3,4 gal*
	Decolorating cartridges	**1 nr**	
	Decolorating cabon quantity	**2 kg**	*4,4 Lbs*

DIMENSIONS AND WEIGHTS



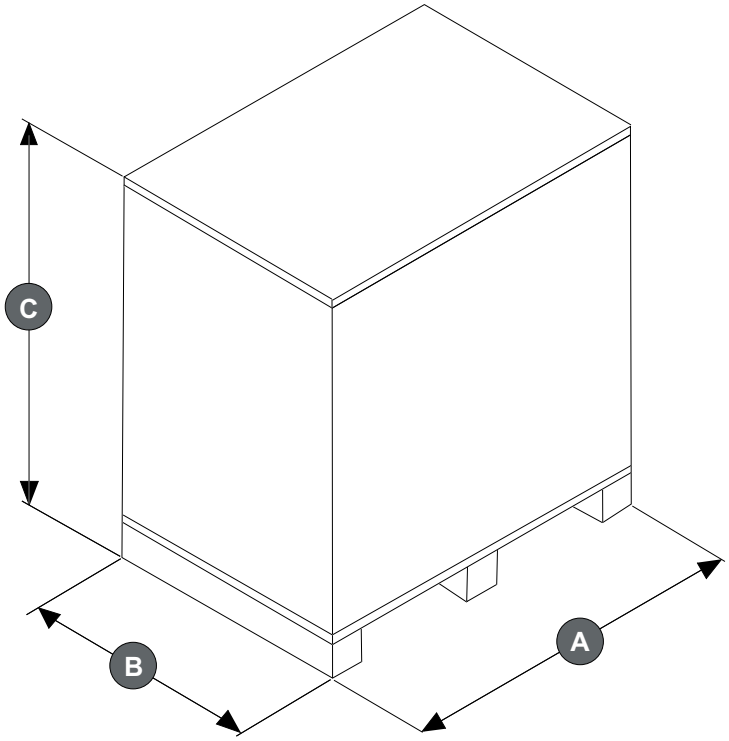


mm / *inches*

CHARGES - STANDARD VERSION		
Empty machine weight	**1500 Kg**	*3307 Lbs*
Machine weight with solvent	**2066 Kg**	*4555 Lbs*
Static charge on the floor with solvent	**783 Kg/m²**	*160 Lbs/ft²*
Dynamic charge on the floor (+10%)	**1095 Kg/m²**	*224 Lbs/ft²*

CHARGES - PLUS VERSION		
Empty machine weight	**1600 Kg**	*3527 Lbs*
Machine weight with solvent	**2166 Kg**	*4775 Lbs*
Static charge on the floor with solvent	**820 Kg/m²**	*168 Lbs/ft²*
Dynamic charge on the floor (+10%)	**1137 Kg/m²**	*233 Lbs/ft²*

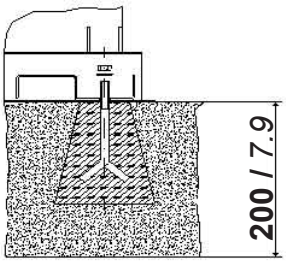
PACKAGED MACHINE DIMENSIONS AND WEIGHTS

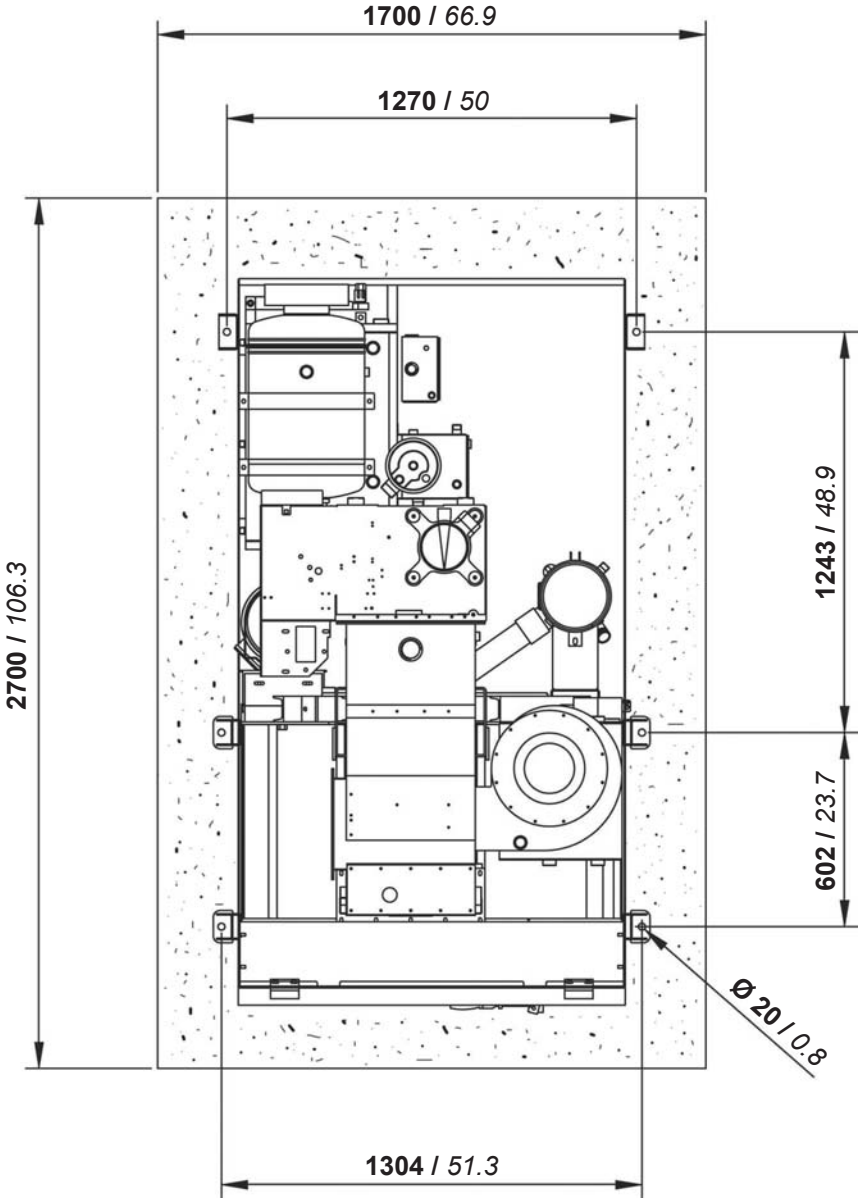


PACKAGED MACHINE DIMENSIONS							
Machine type		Carton		Wooden cage		Wooden case	
Standard	**A**	**- mm**	*- inches*	**- mm**	*- inches*	**- mm**	*- inches*
	B	**- mm**	*- inches*	**- mm**	*- inches*	**- mm**	*- inches*
	C	**- mm**	*- inches*	**- mm**	*- inches*	**- mm**	*- inches*
Plus	**A**	**- mm**	*- 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*
Plus	**- Kg**	*- Lbs*	**- Kg**	*- Lbs*	**- Kg**	*- Lbs*

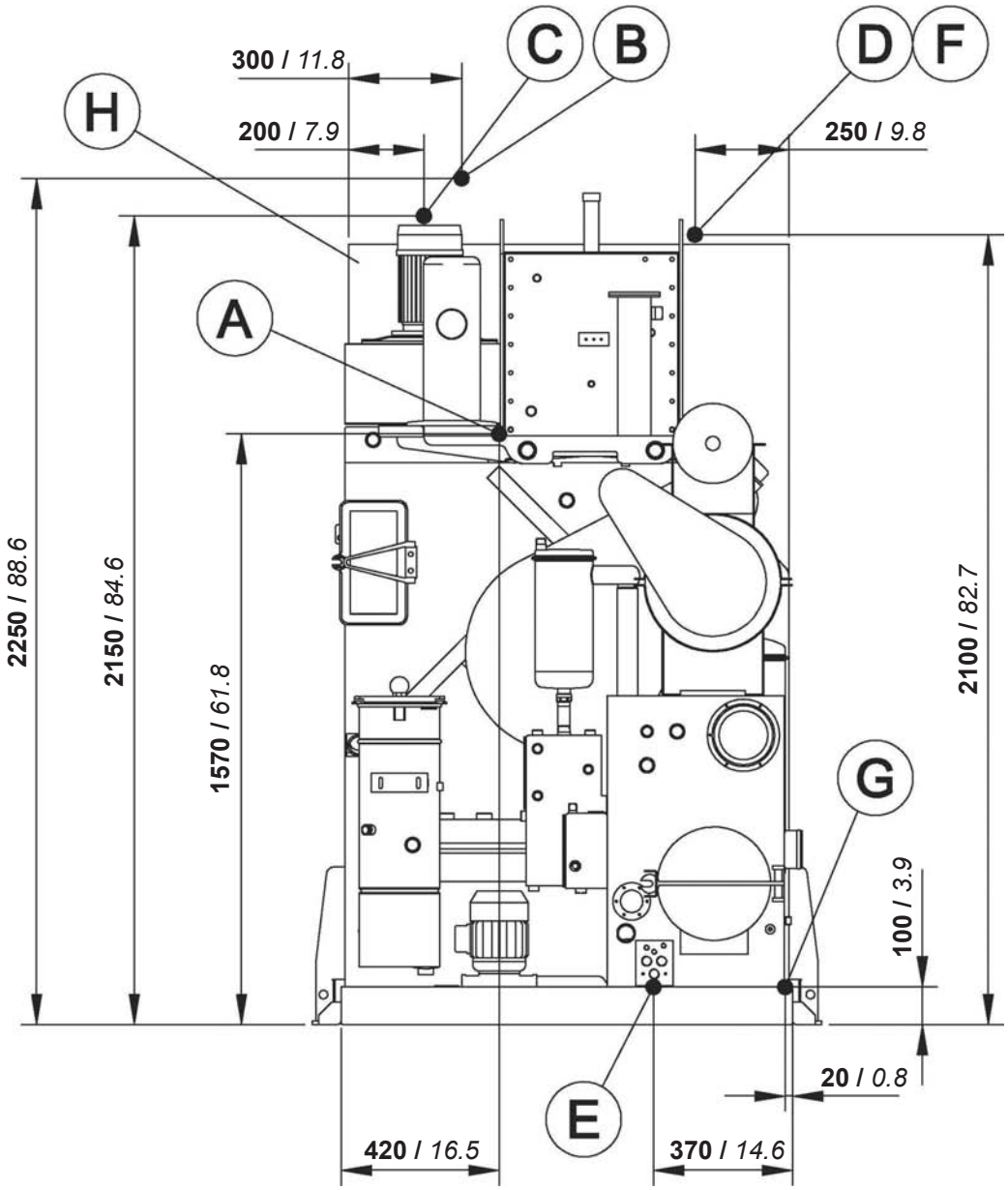
FIXING POINTS





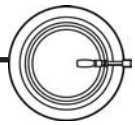
mm / *inches*

CONNECTIONS



mm / *inches*

A	Compressed air inlet	**Ø 6mm**	*Ø 1/4”*
B	Water inlet	**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		



SOLVENT TYPE	PERCHLOROETHYLENE			
NECESSARY QUANTITY OF SOLVENT TO FILL THE MACHINE				
Machine version - without Filters	**244 Lt**	**390 Kg**	*64.5 gal*	*860 Lbs*
Machine version - 1 Nylon Filter	**299 Lt**	**478 Kg**	*79 gal*	*1054 Lbs*
Machine version - 1 Nylon Filter + 1 KR	**354 Lt**	**566 Kg**	*93.5 gal*	*1248 Lbs*
Machine version - 2 Nylon Filters	**354 Lt**	**566 Kg**	*93.5 gal*	*1248 Lbs*
Machine version - 1 Nylon Filter + 1 Deco	**312 Lt**	**499 Kg**	*82.5 gal*	*1100 Lbs*

INFORMATION FOR THE ELECTRICAL CONNECTIONS	(400V - 3~50Hz)	
ELECTRIC Version	**23.5 Kw**	**40 Amp**
STEAM Version	**7 Kw**	**12 Amp**
Dissipated heat	**4245 Kcal**	

INFORMATION FOR THE ELECTRICAL CONNECTIONS	(220V - 3~60Hz)	
ELECTRIC Version	*24.5 Kw*	*82 Amp*
STEAM Version	*8 Kw*	*26 Amp*
Dissipated heat	*4425 Kcal*	

GENERAL INFORMATION		
Required water capacity	**Lt/min 10**	*gal/min 2.6*
Required water pressure	**bar 2 ÷ 3**	*psi 29 ÷ 44*
Required water temperature	**°C 18 ÷ 23**	*°F 65 ÷ 73*
Required air pressure	**bar 7 ÷ 8**	*psi 100 ÷ 115*
Required steam pressure (Steam Version)	**bar 4 ÷ 5**	*psi 55 ÷ 70*
Required steam availability	**Kg/h 60**	*Lbs/h 132*

All technical data are subject to change without notice.