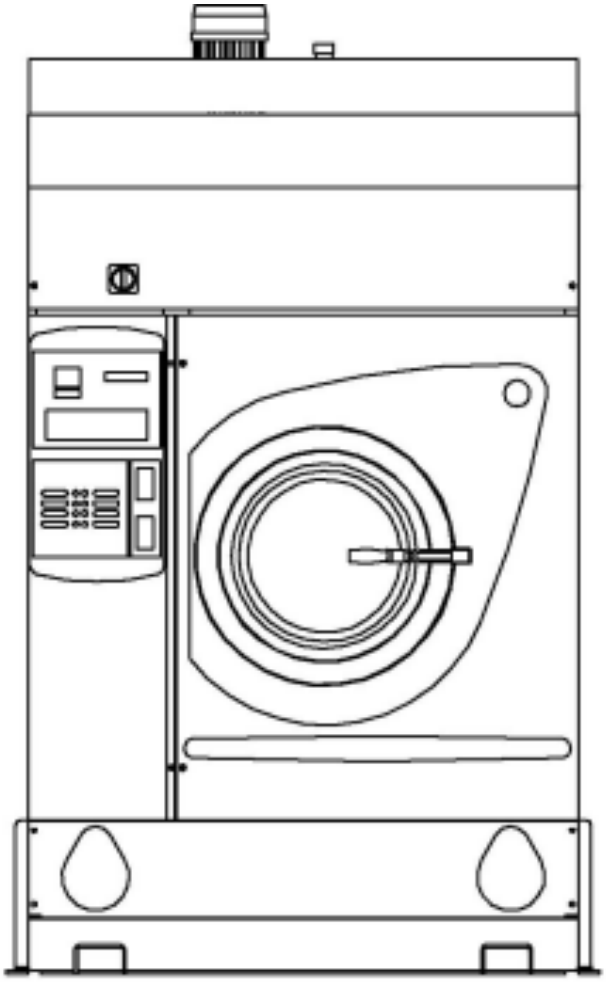
FIRBIMATIC

DRY CLEANING DIVISION

TECHNICAL INFORMATION



S2025

WORKING MACHINE WITH SOLVENT:	PERCLORETHILENE	
MACHINE CAPACITY (RATIO 1:20)	Kg	25

BASKET

Diameter	mm	1000
Depth	mm	640
Volume	Lt	500
Wash speed without Inverter	rpm	33
Extract speed without Inverter	rpm	336
Wash speed with Inverter	rpm	12 ÷ 50
Extract speed with Inverter	rpm	300 ÷ 540
Door opening	mm	500

SOLVENT TANKS

Useful volume tank 1	Lt	120
Useful volume tank 2	Lt	180
FLOOR SAFETY TANK CAPACITY	Lt	350

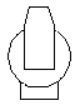
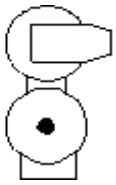
DESTILLATOR

Useful volume at half inspection	Lt	190
Total volume	Lt	225
Boiler water capacity	Lt	15

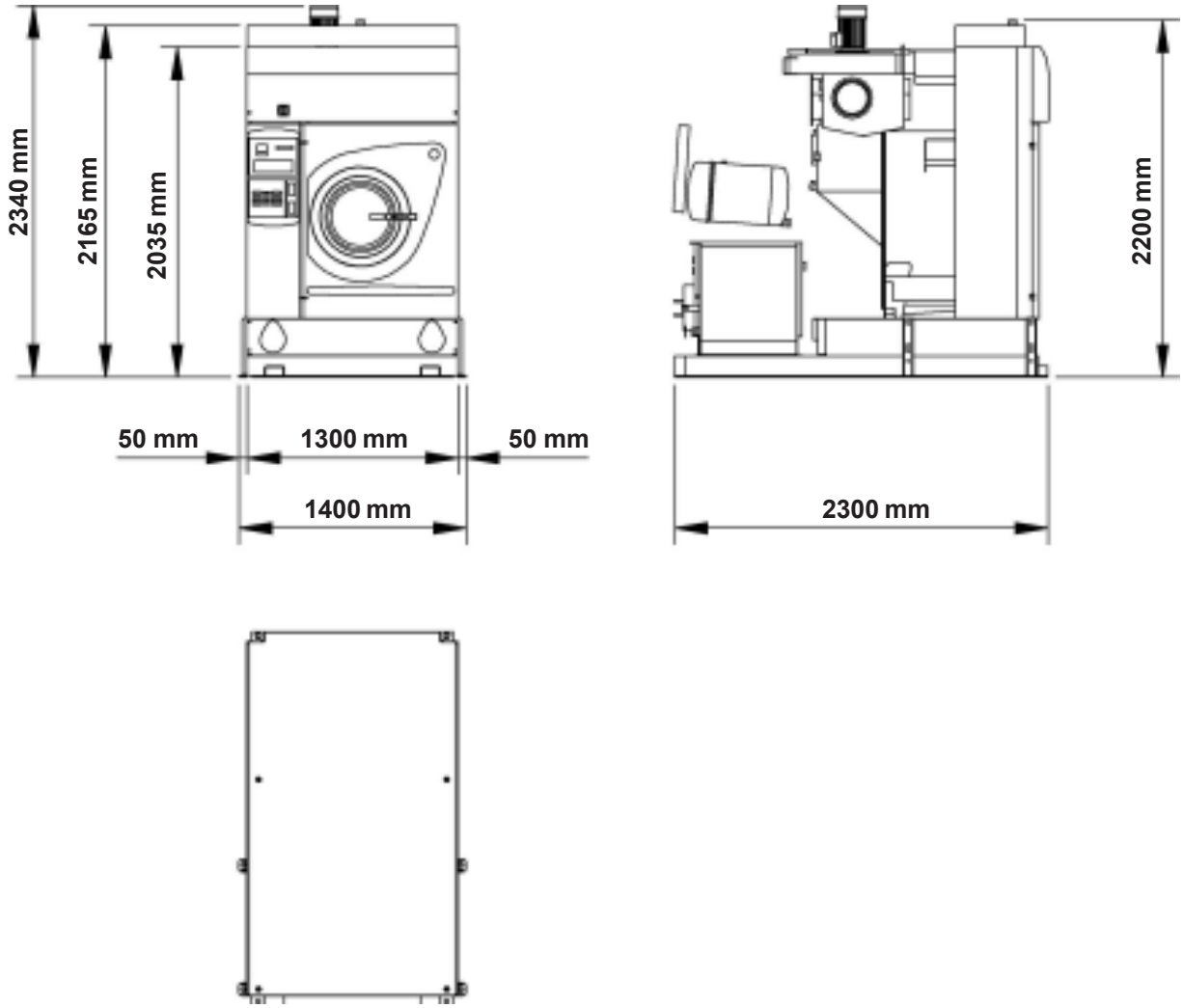
ELECTRIC POWER (400V - 3~50Hz)

Wash motor - Extract motor (with Inverter)	Hp	7.5	Kw	5.5
Solvent pump motor	Hp	1	Kw	0.75
Fan motor	Hp	3	Kw	2.2
Fridge compressor MT81 (R404)	Hp	6.5	Kw	4.85
Nylon filter motor	Hp	0.75	Kw	0.55
Still residue pump	Hp	0.75	Kw	0.55
Exsaust fan motor	Hp	0.18	Kw	0.13
Still electric elements	Hp	- - -	Kw	9
Heater electric elements with Energy Still	Hp	- - -	Kw	9
Air motor compressor	Hp	0.5	Kw	0.37
Fan motor Coalperc 301	Hp	1	Kw	0.75

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

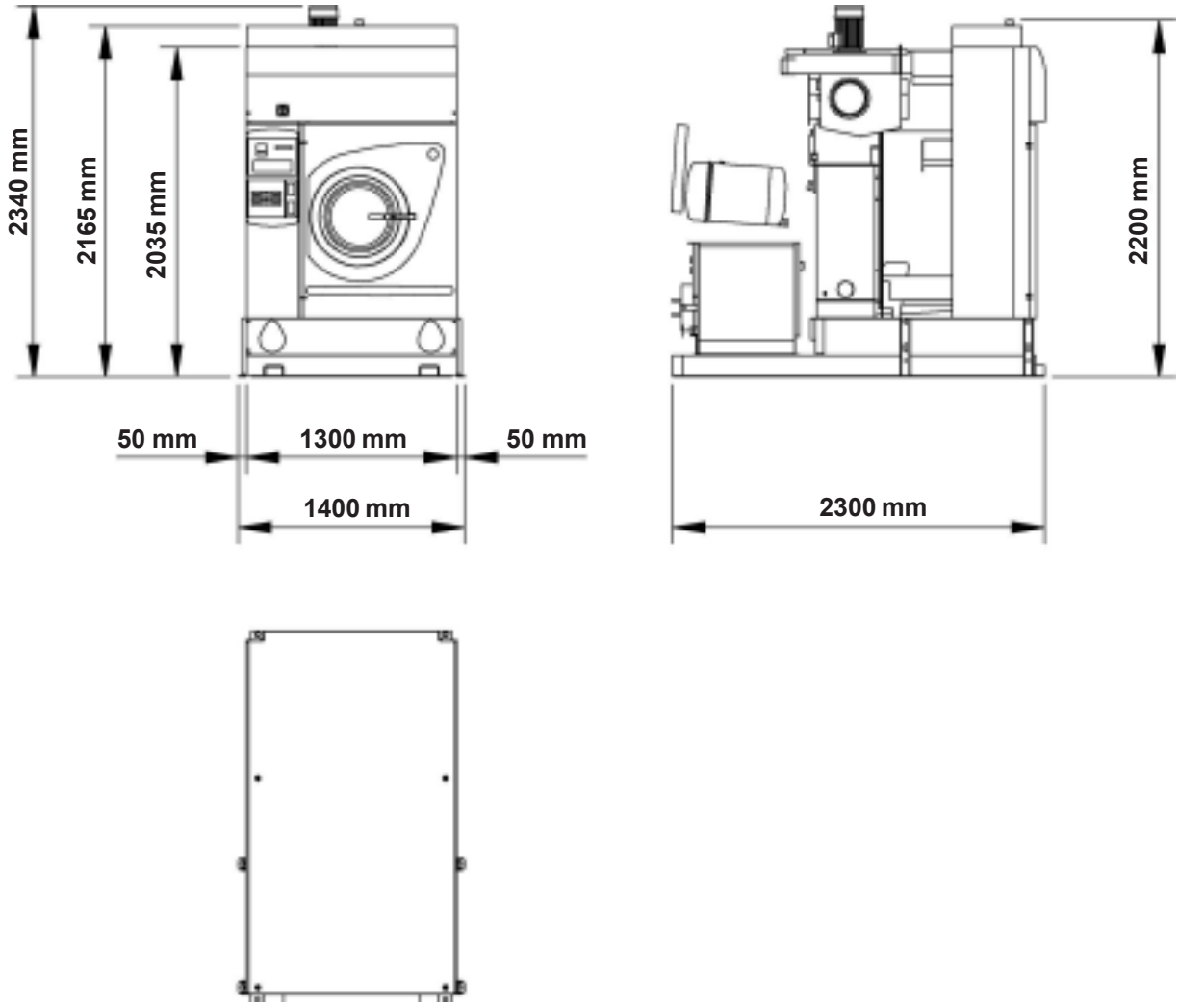
FILTRATION AVAILABLE IN THIS MODEL			
Version	**ONE NYLON FILTER**		
	Volume nylon filter housing	**Lt**	**55**
	Nylon filter area	**mt²**	**3.9**
	Filter disks	**nr**	**26**
Version	**ONE NYLON FILTER AND ONE DECOLORATING FILTER - PR**		
	Volume nylon filter housing	**Lt**	**55**
	Nylon filter area	**mt²**	**3.9**
	Filter disks	**nr**	**26**
	PR - Decolorating housing volume	**Lt**	**13**
	PR - Decolorating cartridges	**nr**	**1**
	Decolorating cabon quantity	**Kg**	**2**
Version	**ONE NYLON FILTER AND ONE CARTRIDGE KR-FILTER**		
	Volume nylon filter housing	**Lt**	**55**
	Nylon filter area	**mt²**	**3.9**
	Filter disks	**nr**	**26**
	KR-Cartridge housing volume	**Lt**	**55**
	KR-Cartridge filter area	**mt²**	**2.6 x 2 = 5.2**
	KR-Cartridge quantity	**nr**	**2**

DIMENSIONS AND WEIGHTS - STANDARD Version



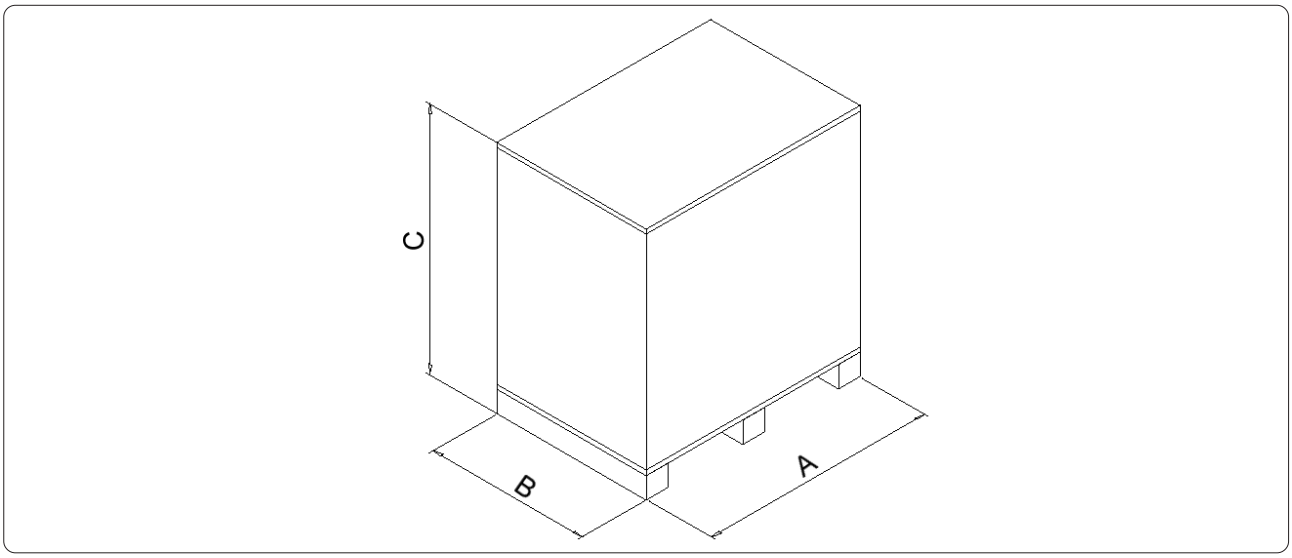
CHARGES		
Empty machine weight	Kg	1855
Machine weight with solvent	Kg	2405
Static charge on the floor with solvent	Kg/m²	830
Dynamic charge on the floor (+10%)	Kg/m²	1090

DIMENSIONS AND WEIGHTS - PLUS Version



CHARGES		
Empty machine weight	Kg	1970
Machine weight with solvent	Kg	2520
Static charge on the floor with solvent	Kg/m²	865
Dynamic charge on the floor (+10%)	Kg/m²	1135

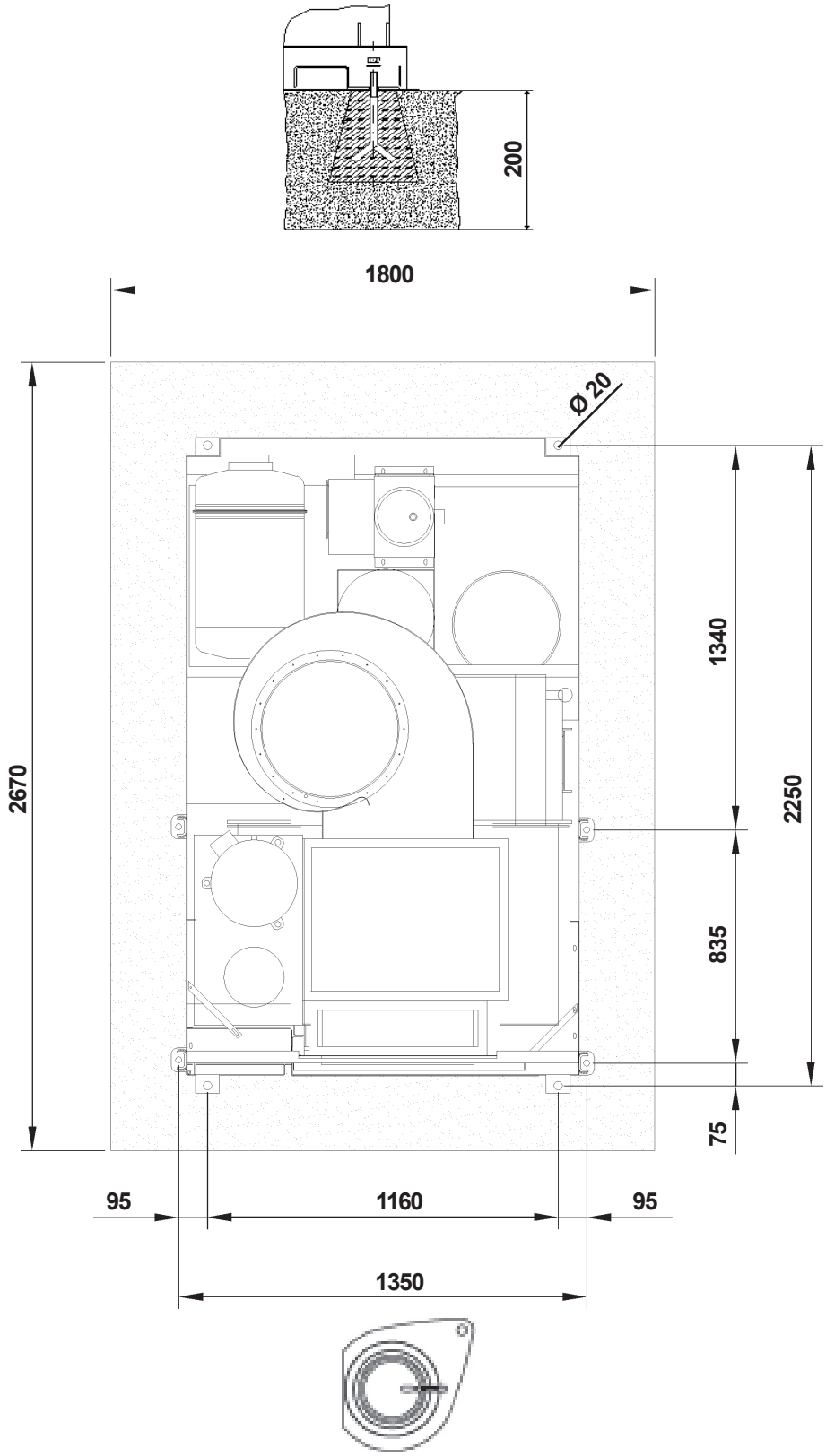
PACKAGED MACHINE DIMENSIONS AND WEIGHTS



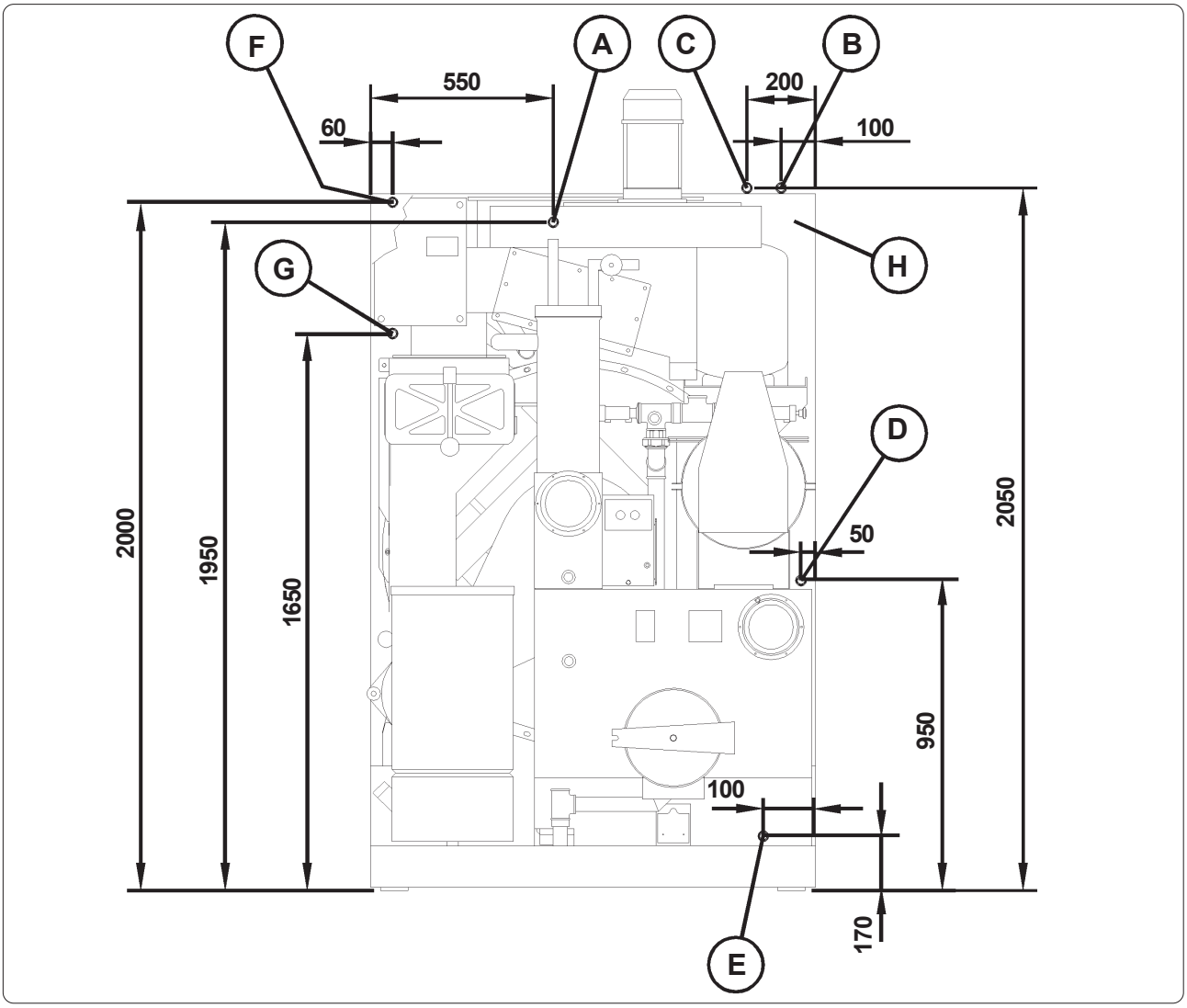
PACKAGED MACHINE DIMENSIONS			
Machine type		Carton	Wooden cage
S 2025	A	mm 2410	mm 2450
	B	mm 1490	mm 1530
	C	mm 2440	mm 2340
S 2025 Plus	A	mm 2410	mm 2280
	B	mm 1490	mm 1560
	C	mm 2440	mm 2425

PACKAGED MACHINE WEIGHTS		
Machine type	Carton	Wooden cage
S 2020		Kg 2075
S 2020 Plus		Kg 2190

FIXING POINTS



CONNECTIONS



A	Compressed air inlet	**Ø 6 mm**
B	Water inlet	**Ø 1”**
C	Water outlet	**Ø 1”**
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		PERCHLORETHILENE		
NECESSARY QUANTITY OF SOLVENT TO FILL THE MACHINE				
Machine Version - 1 Nylon F.	Lt	355	Kg	570
Machine Version - 1 Nylon F. + 1 PR - Deco. F.	Lt	370	Kg	590
Machine Version - 1 Nylon F. + 1 KR - Cartridge F.	Lt	410	Kg	660

INFORMATION FOR THE ELECTRICAL CONNECTIONS (400V - 3~50Hz)				
ELECTRIC Version	Kw	31.5	Amp	63.5
STEAM Version	Kw	13.5	Amp	35.5
Dissipated heat			Kcal	5690

GENERAL INFORMATION		
Required water capacity	Lt/min	10
Required water pressure	bar	3 ÷ 5
Required water temperature	°C	18° ÷ 23°
Required air pressure	bar	7 ÷ 8
Required steam pressure (Steam Version)	bar	4 ÷ 5
Required steam availability (Steam Version)	Kg/h	60

All technical data are subject to change without notice.