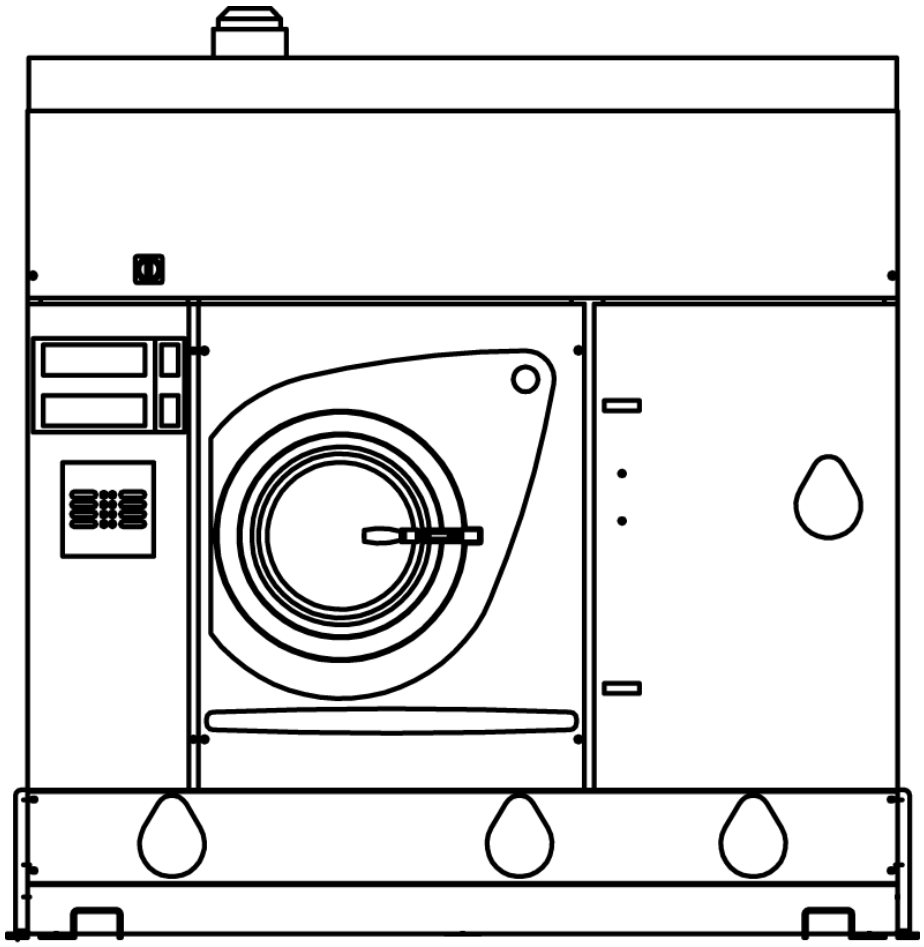
FIRBIMATIC
DRY CLEANING DIVISION

TECHNICAL INFORMATION



L 2025

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

BASKET

Diameter	mm	1000
Depth	mm	640
Volume	Lt	500
Wash speed	rpm	12 ÷ 50
Extract speed	rpm	300 ÷ 540
Door opening	mm	500

SOLVENT TANKS

Useful volume tank 1	Lt	160
Useful volume tank 2	Lt	160
Useful volume tank 3	Lt	200
FLOOR SAFETY TANK CAPACITY	Lt	430

DESTILLATOR

Useful volume at half inspection	Lt	260
Total volume	Lt	325
Boiler water capacity	Lt	10

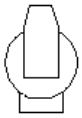
ELECTRIC POWER

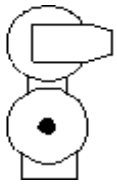
(400 V - 50 Hz)

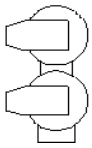
Wash motor - Extract motor (with inverter)	Hp	7.5	Kw	5.63
Solvent pump motor	Hp	1	Kw	0.75
Fan motor	Hp	3	Kw	2.25
Refrigerator compressor MT81(R404*)	Hp	6.5	Kw	4.85
Nylon filter motor	Hp	0.75	Kw	0.55
Still residue pump	Hp	0.75	Kw	0.55
Exsaust fan motor	Hp	0.18	Kw	0.13
Still electric elements	Hp		Kw	13.5
Heater electric elements with Energy Still*	Hp		Kw	9
Heater electric elements without Energy Still	Hp		Kw	-
Air motor compressor	Hp	0.5	Kw	0.37
Fan motor Coalperc - 301	Hp	1	Kw	0.75
Mini boiler Coalperc - 301 electric version	Hp		Kw	6
-				

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

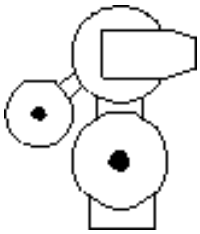
FILTRATION AVAILABLE IN THIS MODEL

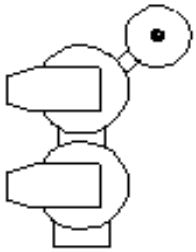
Version - ONE NYLON FILTER			
	Volume nylon filter housing	Lt	75
	Nylon filter area	mt²	5,5
	Filter disks	nr	39

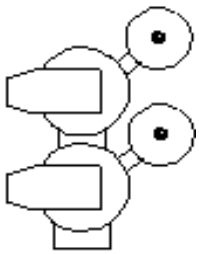
Version - ONE NYLON FILTER AND ONE CARTRIDGE FILTER KR			
	Volume nylon filter housing	Lt	75
	Nylon filter area	mt²	5,5
	Filter disks	nr	39
	KR Cartridge housing volume	Lt	85
	KR Cartridge filter area	mt²	2,6 x 3 = 7,8
	KR cartridges quantity	nr	3

Version - TWO NYLON FILTER			
	Volume nylon filter	Lt	75 x 2 = 150
	Nylon filter area	mt²	5,5 x 2 = 11
	Filter disks	nr	39 x 2 = 78

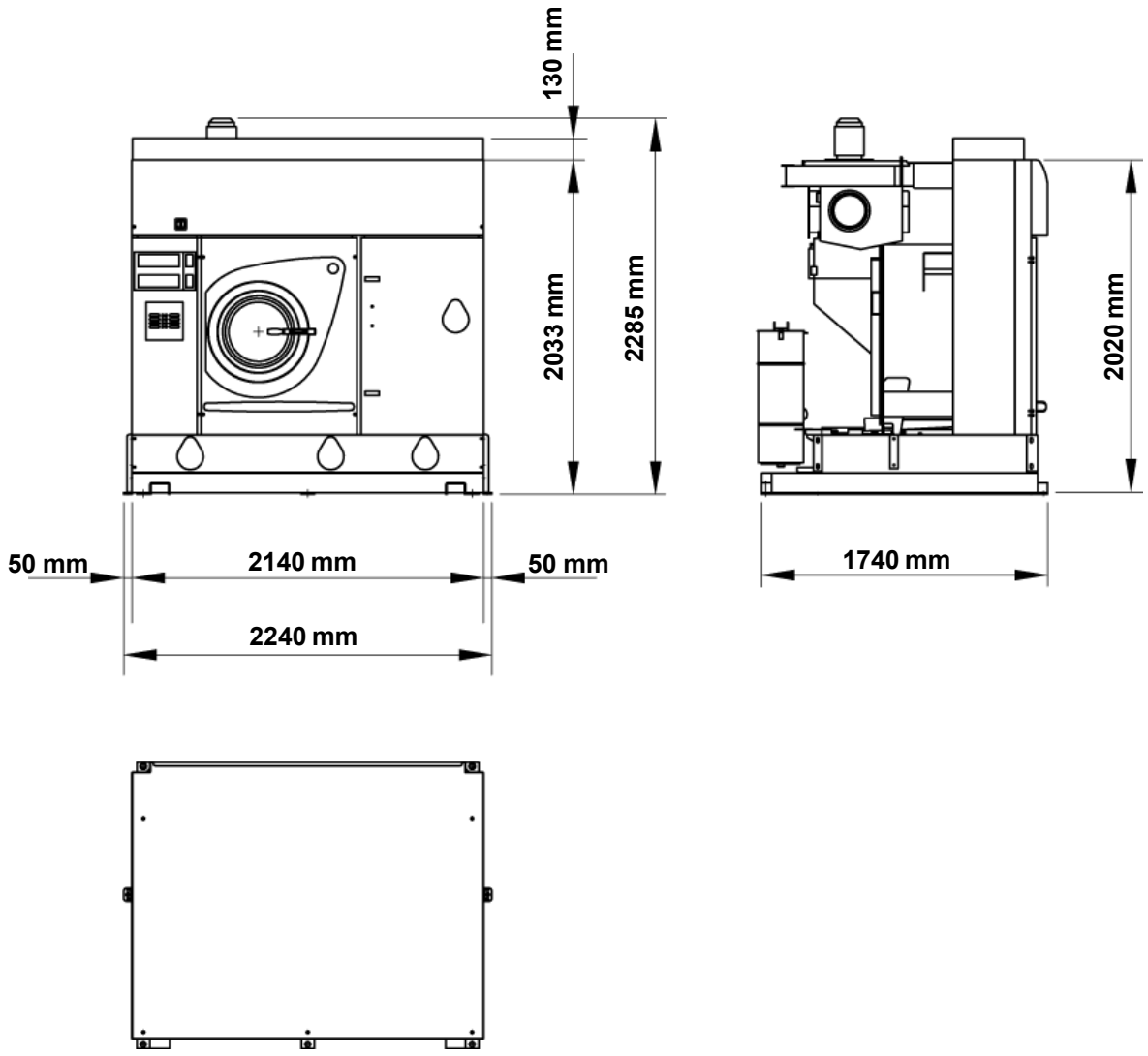
Version - ONE NYLON FILTER AND ONE DECO FILTER - PR			
	Volume nylon filter	Lt	75
	Nylon filter area	mt²	5,5
	Filter disks	nr	39
	PR - Deco filter volume	Lt	25
	PR - Cartridge quantity	nr	2
	Decolorating carbon quantity	Kg	4

Version - ONE NYLON ONE CARTRIDGE -KR ONE DECOLORATING PR			
	Volume nylon filter housing	**Lt**	**75**
	Nylon filter area	**mt²**	**5,5**
	Filter disks	**nr**	**39**
	KR Cartridge housing volume	**Lt**	**85**
	KR Cartridge filter area	**mt²**	**2,6 x 3 = 7,8**
	KR - Cartridges quantity	**nr**	**3**
	PR - Deco filter volume	**Lt**	**25**
	Tubes	**nr**	**1**
	PR - Cartridge quantity	**nr**	**2**
	Decolorating carbon quantity	**Kg**	**4**

Version - TWO NYLON FILTER AND ONE DECO FILTER - PR			
	Volume nylon filter	**Lt**	**75 x 2 = 150**
	Nylon filter area	**mt²**	**5,5 x 2 = 11**
	Filter disks	**nr**	**39 x 2 = 78**
	PR - Deco filter volume	**Lt**	**25**
	Tubes	**nr**	**1**
	PR - Cartridge quantity	**nr**	**2**
	Decolorating carbon quantity	**Kg**	**4**

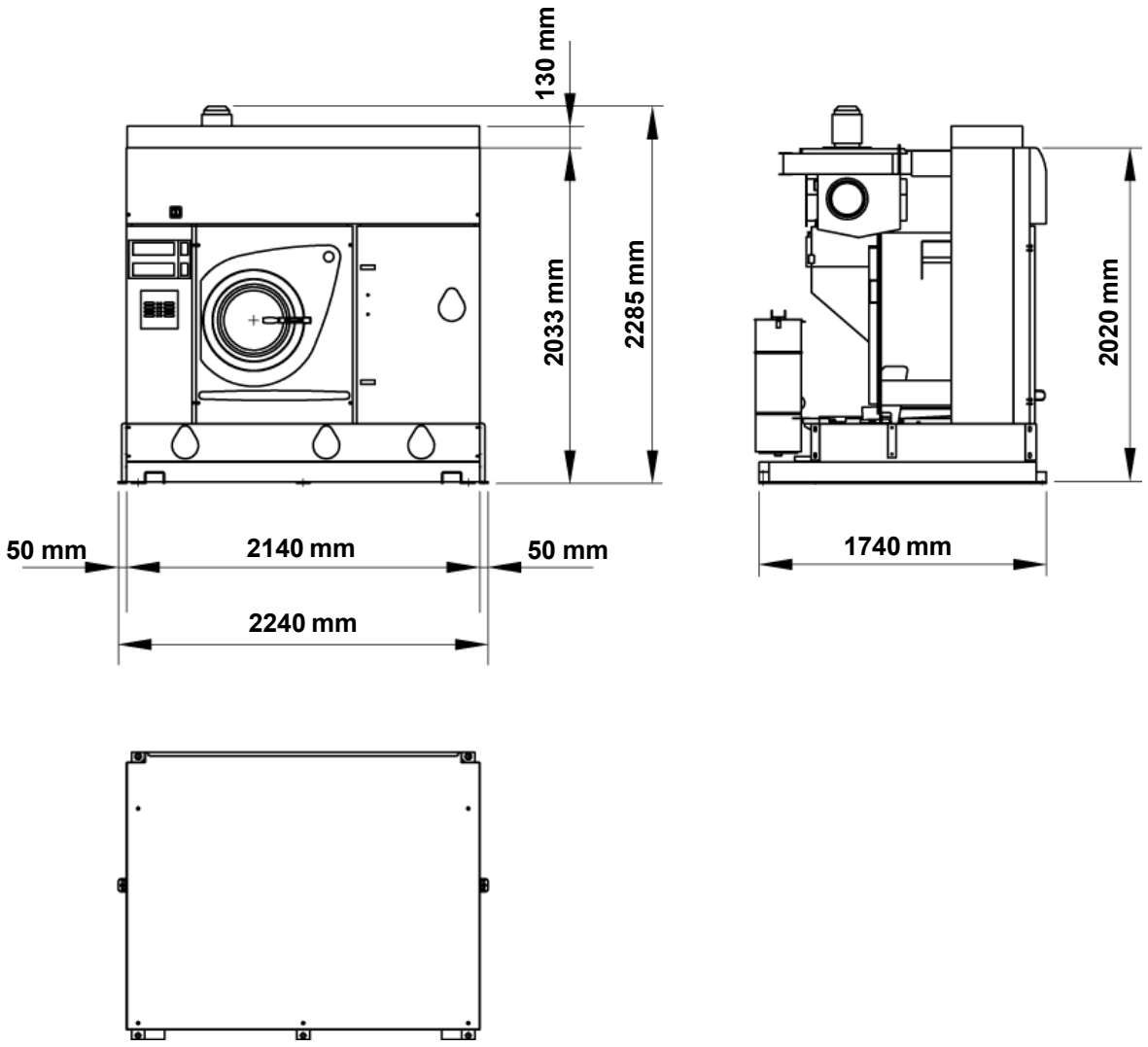
Version - TWO NYLON FILTER AND TWO DECO FILTER - PR			
	Volume nylon filter	**Lt**	**75 x 2 = 150**
	Nylon filter area	**mt²**	**5,5 x 2 = 11**
	Filter disks	**nr**	**39 x 2 = 78**
	PR - Deco filter volume	**Lt**	**25 x 2 = 50**
	Tubes	**nr**	**2**
	PR - Cartridge quantity	**nr**	**4**
	Decolorating carbon quantity	**Kg**	**8**

DIMENSIONS AND WEIGHTS - STANDARD VERSION



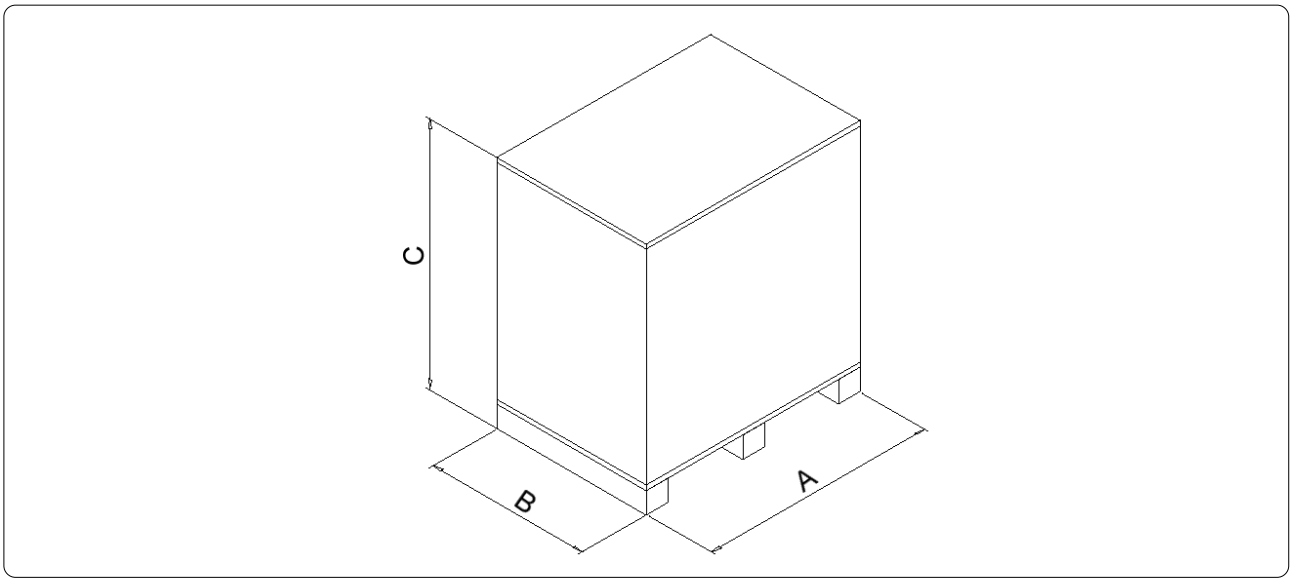
CHARGES		
Empty machine weight	Kg	2070
Machine weight with solvent	Kg	3220
Static charge on the floor with solvent	Kg/m²	865
Dynamic charge on the floor (+10%)	Kg/m²	1094

DIMENSIONS AND WEIGHTS - PLUS VERSION



CHARGES		
Empty machine weight	**Kg**	**2365**
Machine weight with solvent	**Kg**	**3515**
Static charge on the floor with solvent	**Kg/m²**	**944**
Dynamic charge on the floor (+10%)	**Kg/m²**	**1181**

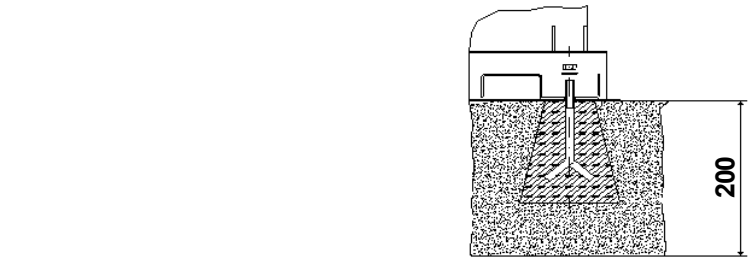
PACKAGED MACHINE DIMENSIONS AND WEIGHTS

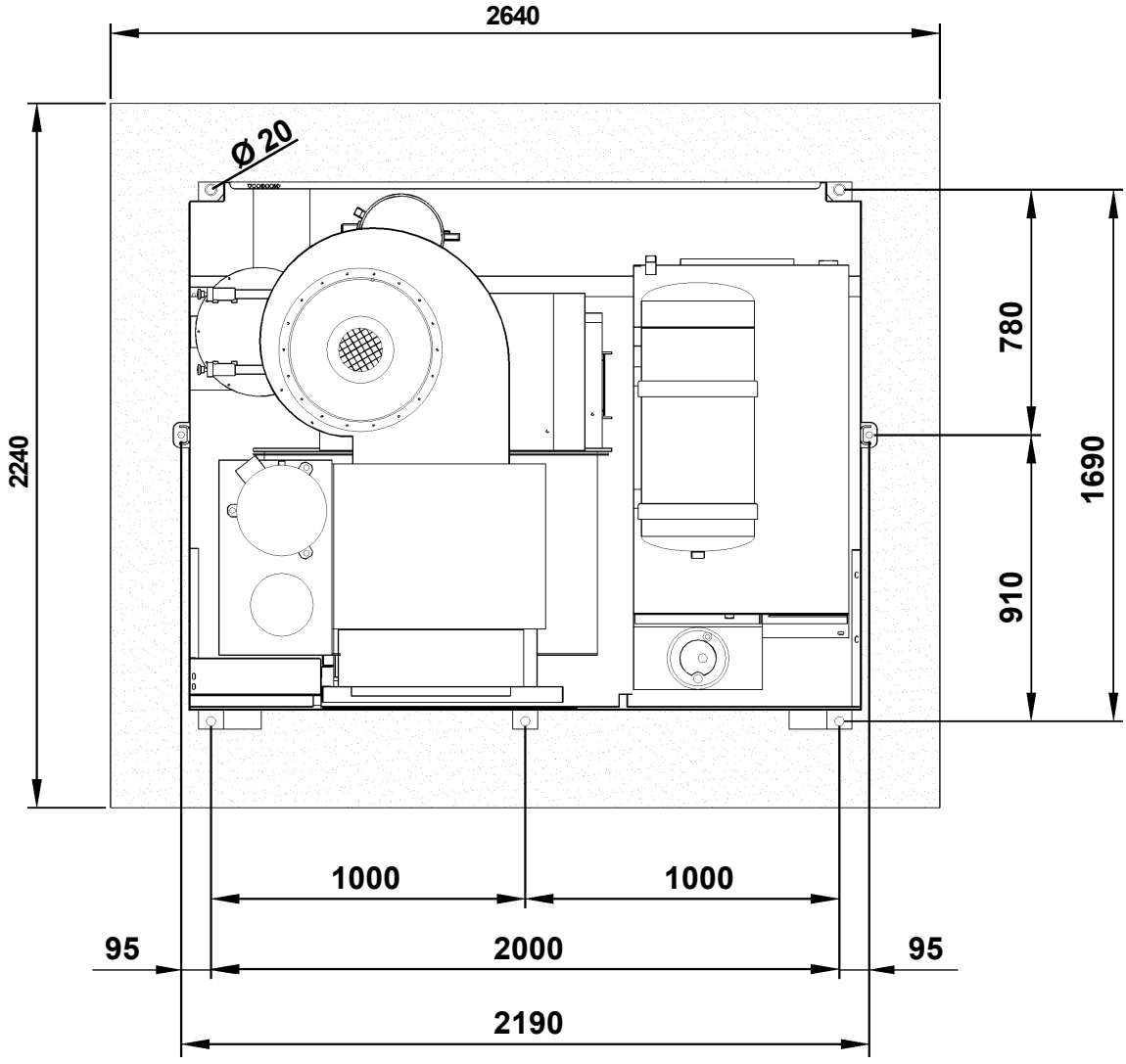


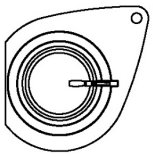
PACKAGED MACHINE DIMENSIONS				
Machine type		Carton	Wooden cage	Wooden case
L2025	A	**mm 2240**	**mm 2290**	
	B	**mm 1850**	**mm 1850**	
	C	**mm 2430**	**mm 2450**	
L2025 Plus	A	**mm 2240**	**mm 2290**	
	B	**mm 1850**	**mm 1850**	
	C	**mm 2430**	**mm 2450**	

PACKAGED MACHINE WEIGHTS			
Machine type	Carton	Wooden cage	Wooden case
L2025	**Kg 2180**	**Kg 2350**	
L2025 Plus	**Kg 2430**	**Kg 2535**	

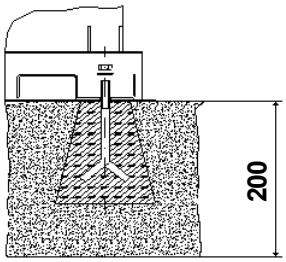
FIXING POINTS - WITH FLOOR TANK

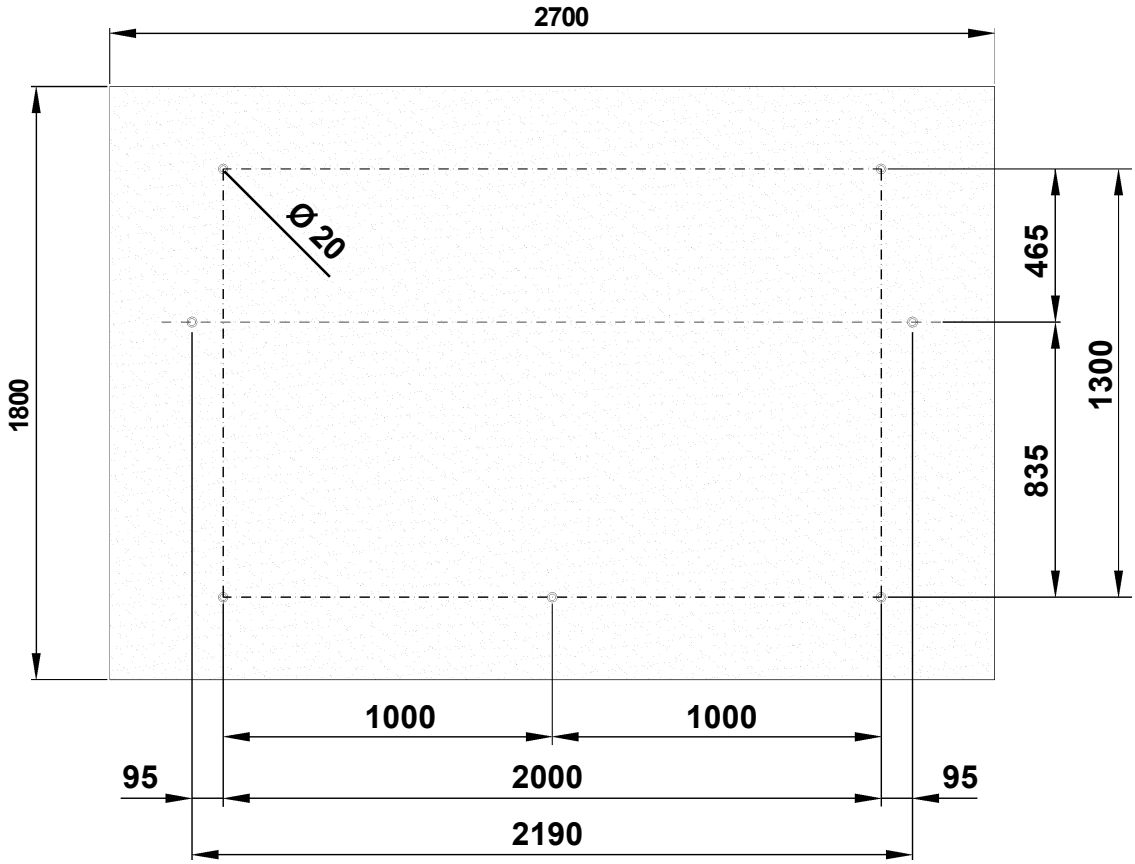


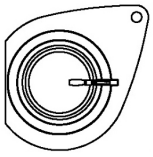




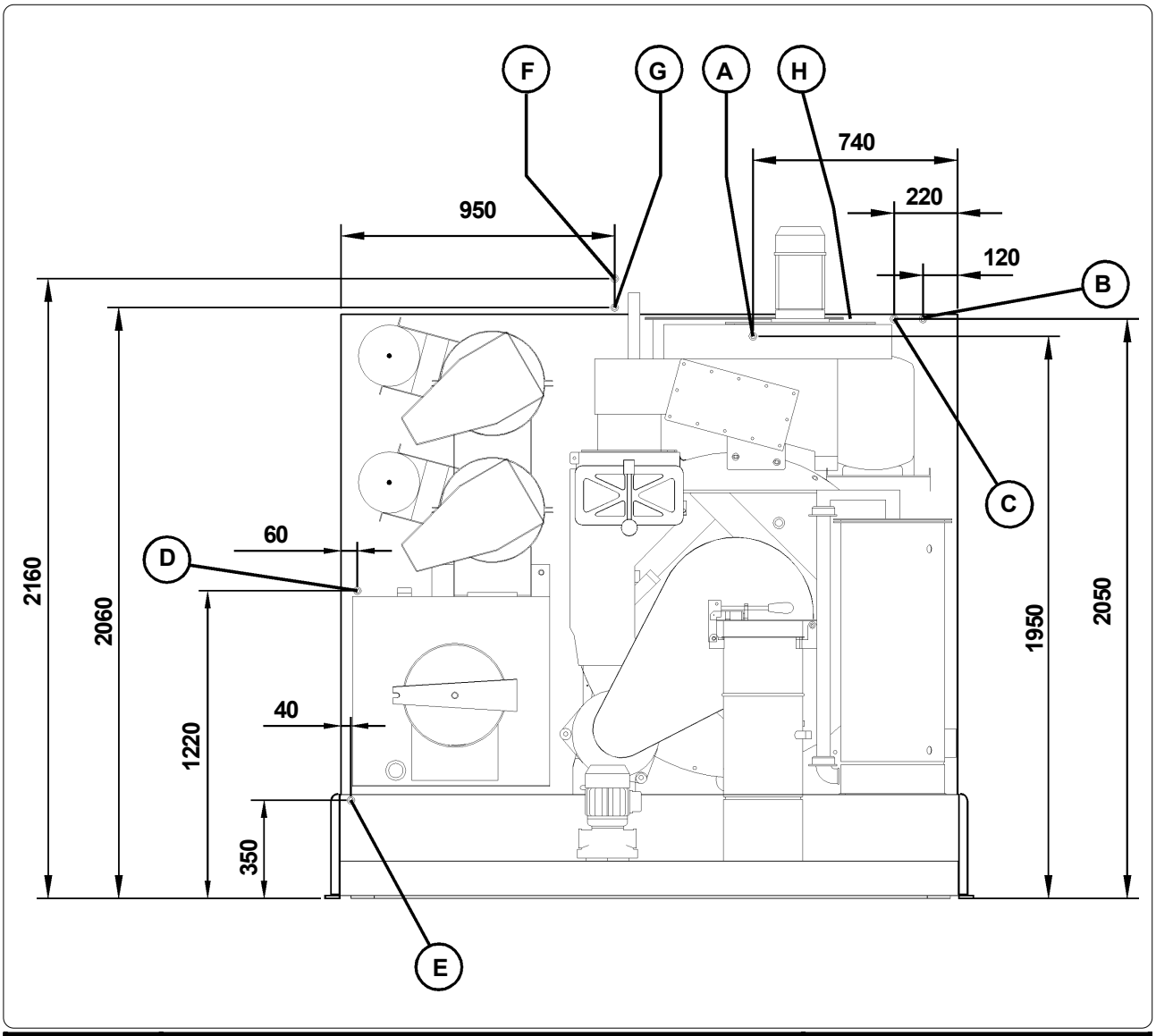
FIXING POINTS - WITHOUT FLOOR TANK







CONNECTIONS - STANDARD VERSION



A	Compressed air inlet	**mm 6**
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		PERCHLOROETHYLENE		
NECESSARY QUANTITY OF SOLVENT TO FILL THE MACHINE				
Version - 1 Nylon Filter	Lt	595	Kg	950
Version - 1 Nylon Filter + 1 KR Cartridge Filter	Lt	680	Kg	1085
Version - 2 Nylon Filter	Lt	670	Kg	1070
Version - 1 Nylon Filter + 1 Deco Filter	Lt	620	Kg	990
Version - 1 Nylon Filter + 1 Kr Filter + 1 Deco Filter	Lt	705	Kg	1125
Version - 2 Nylon Filter + 1 Deco Filter	Lt	695	Kg	1110
Version - 2 Nylon Filter + 2 Deco Filter	Lt	720	Kg	1150

INFORMATION FOR THE ELECTRICAL CONNECTIONS (400 V - 50 Hz)				
ELECTRIC Version with ENERGY STILL	Kw	36	Amp	73
ELECTRIC Versione without ENERGY STILL	Kw	-	Amp	-
STEAM Version	Kw	13.5	Amp	38
Dissipated heat			Kcal	6500

GENERAL INFORMATION		
Required water capacity	Lt/min	10
Required water pressure	bar	2 ÷ 3
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.