EMMEBI IMPIANTI
AEROTEXTILE TECHNOLOGY

FIBRE COMPACTOR C200®

The Fibre Compactor C200® is an equipment that can reduce the volume of waste material using a simple, functional, and entirely pneumatic system capable of compacting a variety of types of material.

The waste material, after being separated from the air, is exhausted by a simple vertical pressure given by a pneumatic piston. This prevents any damage and curling of the material and allows its eventual and immediate reuse, storage or direct discharge into a press.

The Fibre Compactor is equipped with an electronic control panel that allows adjustment of work and pause times according to the amount of material to be discharged.
The C200® Fibre Compactor shall operate in a vacuum circuit and the suction fan shall be of the transport type (open blade).

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TECHNICAL DATA

	C200	*C200 MAXI*
Treated Air	***4.000 m3/h***	***5.500 m3/h***
Max compressed air consumption at 4 bar	***3 Nmc/h***	***3 Nmc/h***
Max quantity discharged fibre	***80 kg/h***	***150 kg/h***
Average density of the pressed fibre	***30 kg/mc***	***30 kg/mc***
Power tension for Electronic panel	***24 V (standard)***	***24 V (standard)***
Joint for compressed air	***For air pipe 8/10 mm***	***For air pipe 8/10 mm***

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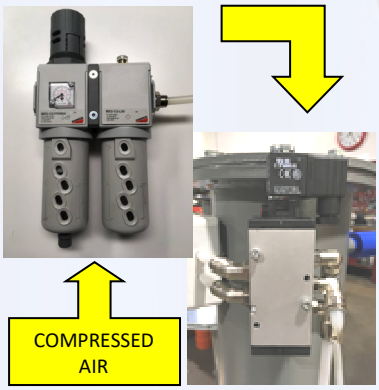
INSTALLATION PROCEDURES

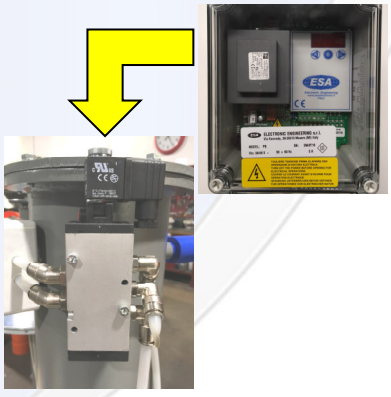
The Fibre Compactor C200® works in a circuit in depression and the suction fan must be of transport type.

1 Connect the compressed air at the outlet of the Grease Reducer to the electro pneumatic valve located at the upper end of the Fibre Compactor and adjust the Reducer at about 4 bar



2 Connect the electrical feeding to the electronic control panel

3 Feed from the electronic panel the electro pneumatic valve



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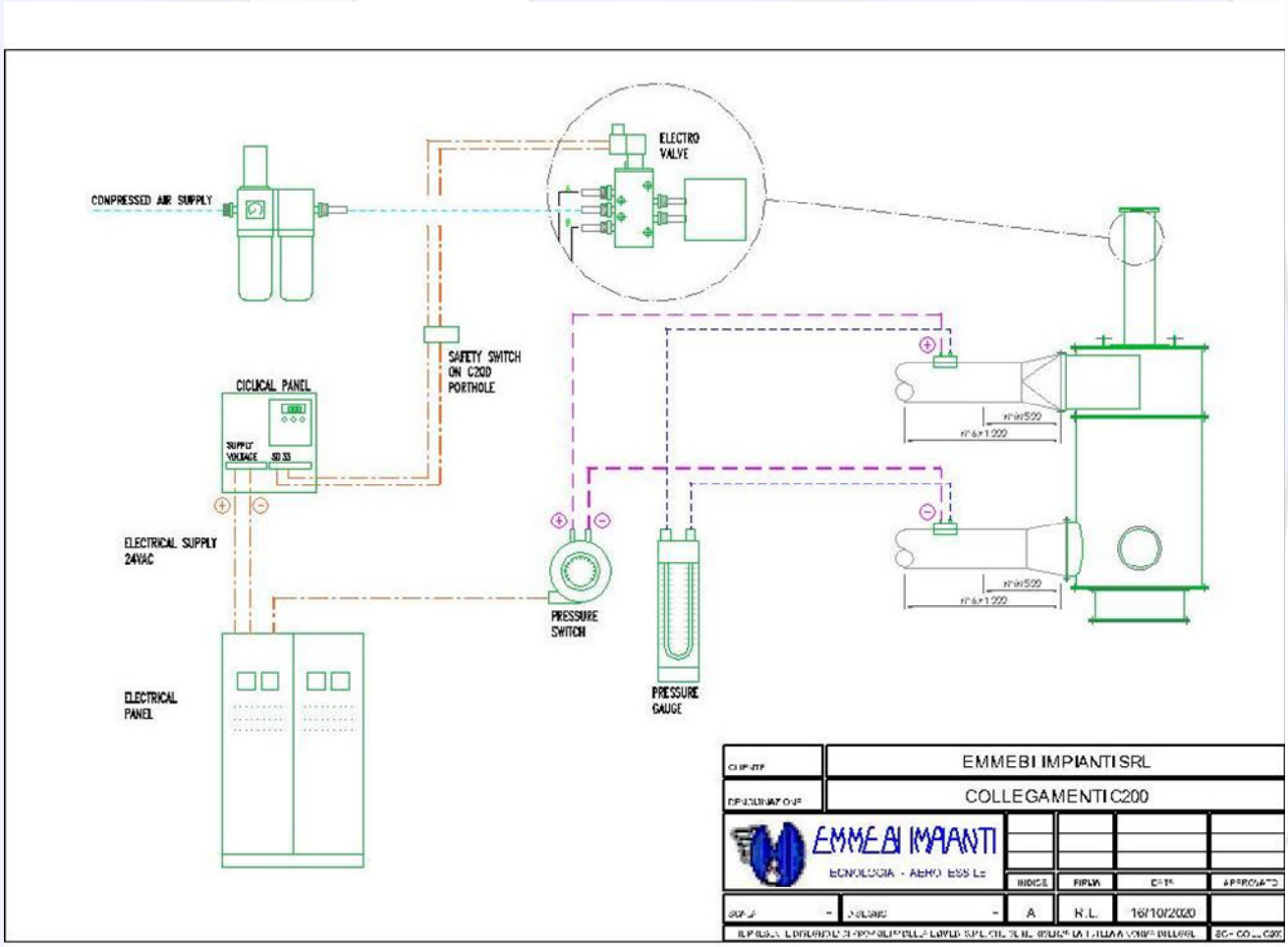
4 Adjust the on-off working time in accordance with the type and quantity of discharged fibre

Note: The adjustments at item 4 should be done by our engineer.



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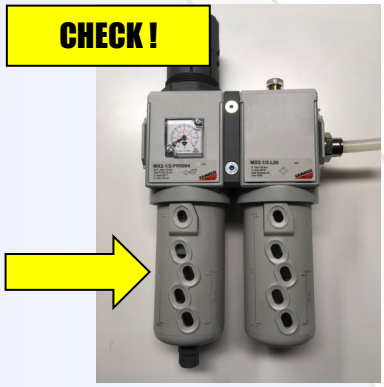
MAINTENANCE PROCEDURES

1 Check periodically the lubricant oil level. Use only oil types as recommended in the hereunder table

MAKER	TYPES
MOBIL	: D.T.E. Light , D.T.E. Medium , D.T.E. Heavy , D.T.E. extra heavy
SHELL	: Tellus 27 , Tellus 29 , Tellus 33 , Tellus 41
ESSO	: Teresso 43 , Teresso 47 , Teresso 52 , Teresso 56
AGIP	: OSO 35 , OSO 45 , OSO 55 , OSO 85
FIAT	: RAX 27 , RAX 40 , RAX 50 , RAX 65



2 Check periodically the correct functioning of the pneumatic piston in both the two working phases

3 Check the conditions of the lamellar disks

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4 Check periodically and remove, if it is the case, the material surplus deposited outside the perforated cylinder

MAINTENANCE LIST

Spare part	Frequence of intervention					
	Weekly	*Monthly*	*Every 3 months*	*Every 6 months*	*Every Year*	*Every 2 years*
Lamellar disk						
Lubrificant Oil						
Blue PVC filter	*Clean with compressed air*					
Perforated cylinder		*Clean with compressed air*				
Pneumatic piston						

Check the status of the component

Change the component (adviced)

Change the component (max time)

Grease

We advice to keep one piece or set in your storehouse

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SAFETY PROCEDURES FOR CLEANING THE C200

- **CLOSE THE COMPRESSED AIR, WAIT THAT DESCENT OF THE PISTON AND THAN CLEAN THE MACHINE**

- **FOR ALL MAINTENANCE OPERATIONS SWITCH OFF POWER SUPPLY TO THE SYSTEM AND WAIT UNTIL THE EMPTYING FAN IS COMPLETELY STOPPED**

- **FOR THE REMOUVAL OF VERY COMPRESSED MATERIAL, REMOUVE TEH BOTTOM PART OF THE C200**

- **AT THE END OF MAINTENANCE , RESET THE PROPER FUNCTIONING**

SAFETY OFFICER		**MAINTENANCE OFFICER**	

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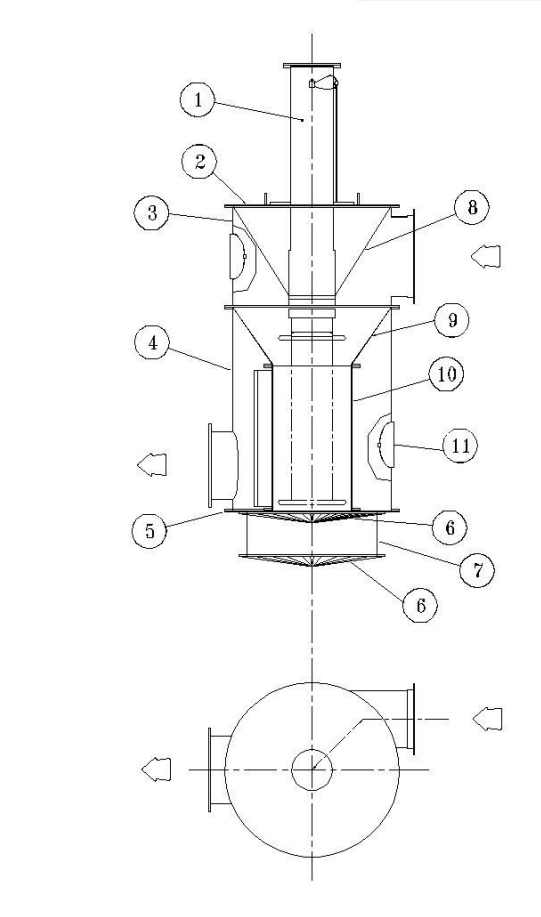
C200 ASSEMBLY DRAWING



POS.	DESCRIZIONE		N° PEZZI
1	PISTONE	PNEUMATIC CYLINDER	1
2	PIASTRA SUPERIORE	UPPER PLATE	1
3	STRUTTURA SUPERIORE	UPPER STRUCTURE	1
4	STRUTTURA INFERIORE	LOWER STRUCTURE	1
5	PIASTRA INFERIORE	LOWER PLATE	1
6	PALPEBRA	LAMELLAR DISCHARGER	2
7	DISTANZIALE PALPEBRE	DISTANCE STRUCTURE	1
8	CONVOGLIATORE ARIA	AIR CONVEYOR	1
9	CONO FILTRANTE	FILTRATION CONE	1
10	CESTELLO FILTRANTE	FILTRATION BASKET	1
11	OBLO' D'ISPEZIONE	INSPECTION WINDOW	3

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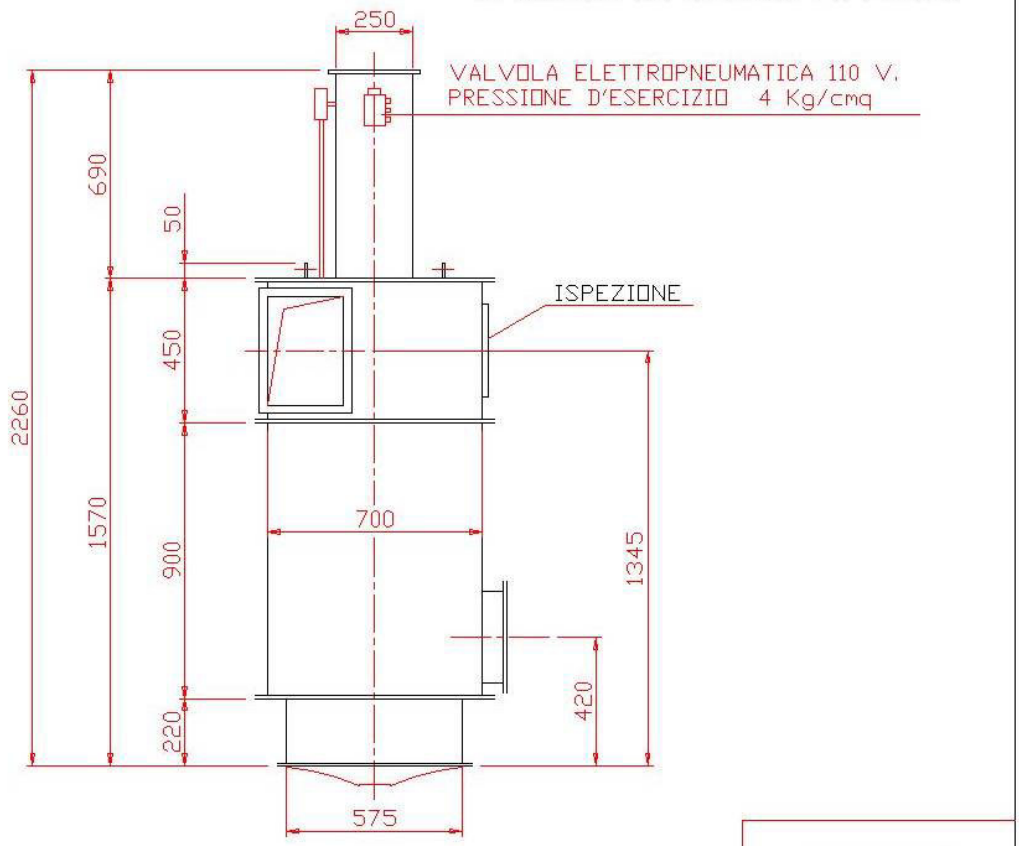
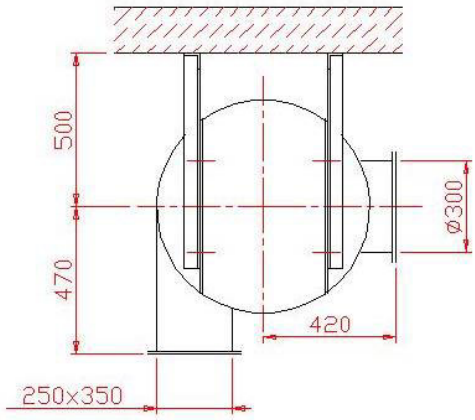
EMMEBI IMPIANTI
TECNOLOGIA – AEROTESSILE

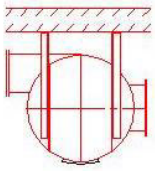
N. DISEGNO	DATA D AGG.
NORM. 03	26-11-97

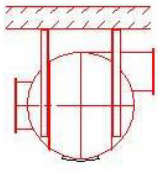
DENOMINAZIONE
CONDENSATORE C.200

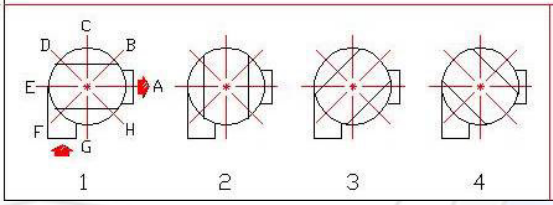
IL DISEGNO RAPPRESENTA LA POS.2/A

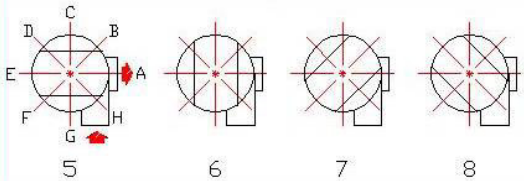





ISPEZIONE


ISPEZIONE

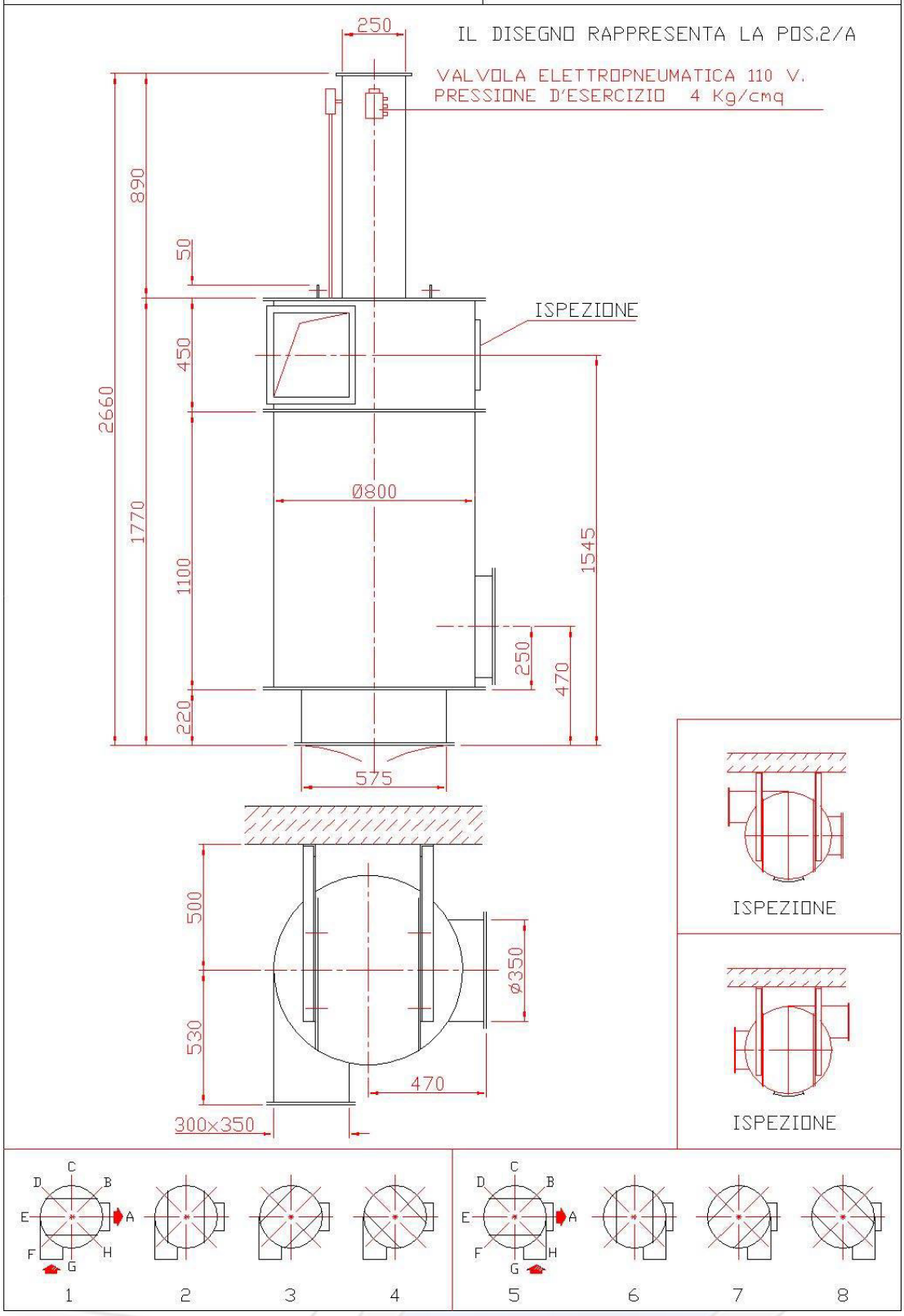




EMMEBI IMPIANTI
TECNOLOGIA - AEROTESSILE

N. DISEGNO	DATA D AGG.
NORM. 03s	28-05-10

DENOMINAZIONE
CONDENSATORE C.200s



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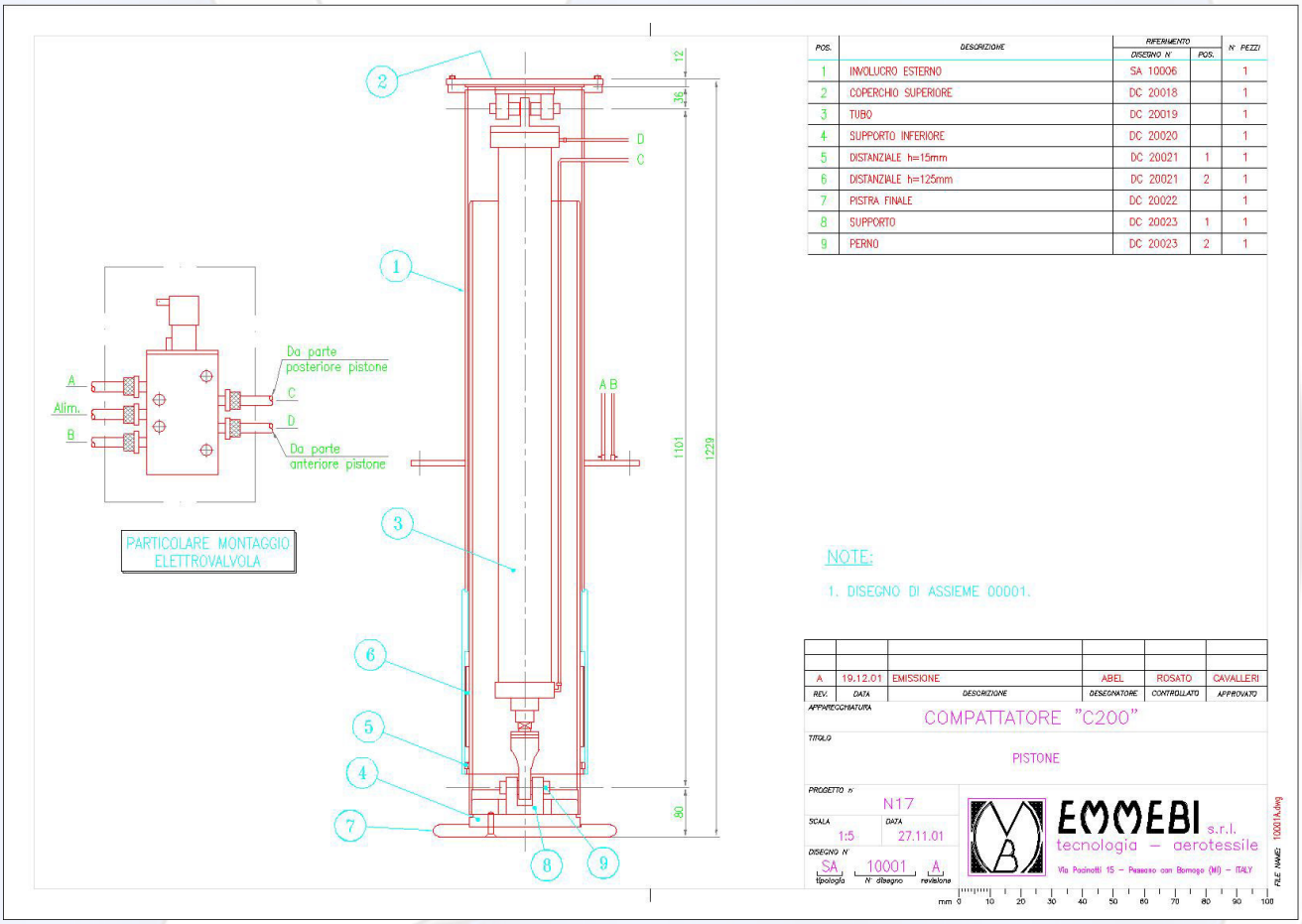

POS.	DESCRIZIONE	RIFERIMENTO DISEGNO N°	RIFERIMENTO POS.	N° PEZZI
1	INVOLUCRO ESTERNO	SA 10006		1
2	COPERCHIO SUPERIORE	DC 20018		1
3	TUBO	DC 20019		1
4	SUPPORTO INFERIORE	DC 20020		1
5	DISTANZIALE h=15mm	DC 20021	1	1
6	DISTANZIALE h=125mm	DC 20021	2	1
7	PISTRA FINALE	DC 20022		1
8	SUPPORTO	DC 20023	1	1
9	PERNO	DC 20023	2	1

NOTE:

1. DISEGNO DI ASSIEME 00001.

REV.	DATA	DESCRIZIONE	DISEGNATORE	CONTROLLATO	APPROVATO
A	19.12.01	EMISSIONE	ABEL	ROSATO	CAVALLERI

APPARECCHIATURA: COMPATTATORE "C200"

TITOLO: PISTONE

PROGETTO n°: N17

SCALA: 1:5

DATA: 27.11.01

DISEGNO N°: SA (tipologia) 10001 (N° disegno) A (revisione)

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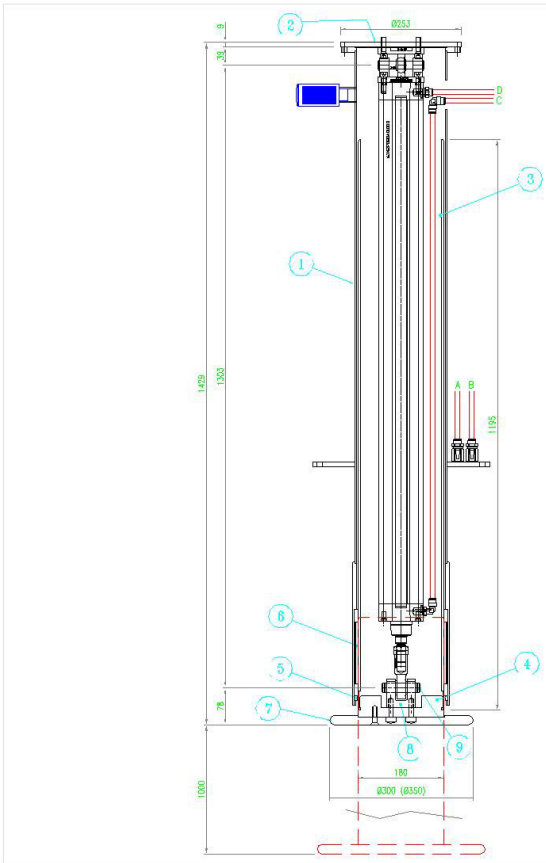
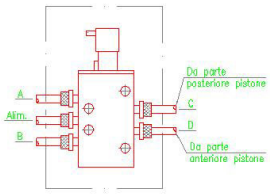
Via Pasinotti 15 – Passeco con Bornago (MI) – ITALY

FILE NAME: 10001A.dwg

mm 0 10 20 30 40 50 60 70 80 90 100



POS.	DESCRIZIONE	RIFERIMENTO DISEGNO N°	POS.	N° PEZZI
1	INVOLUCRO ESTERNO	SA 10006B		1
2	COPERCHIO SUPERIORE	DC 20018A		1
3	TUBO	DC 20019B		1
4	SUPPORTO INFERIORE	DC 20020A		1
5	DISTANZIALE h=15mm	DC 20021A	1	1
6	DISTANZIALE h=125mm	DC 20021A	2	1
7	PISTRA FINALE	DC 20022A		1
8	SUPPORTO	DC 20023A	1	1
9	PERNO	DC 20023A	2	1



PARTICOLARE MONTAGGIO ELETTROVALVOLA

NOTE:

1. DISEGNO DI ASSIEME 00001B.

REV.	DATA	DESCRIZIONE	DESEGNATORE	CONTROLLATO	APPROVATO

APPARECCHIATURA: COMPATTATORE "C200" MAXI

TITOLO: PISTONE

PROGETTO N°: N17

SCALA: 1:6.5

DATA: 17.05.10

DISEGNO N°: SA (tipologia) 10001 (N° disegno) B (revisione)

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Via Pacinotti 15 – Peasco con Borroso (MI) – ITALY

FILE NAME: 100018.dwg

mm 0 10 20 30 40 50 60 70 80 90 100

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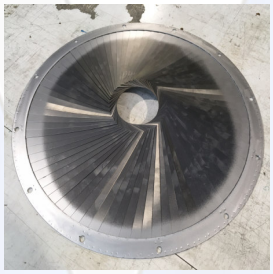
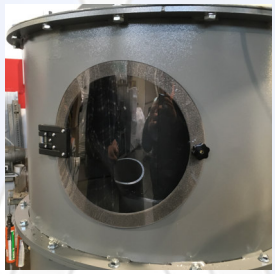
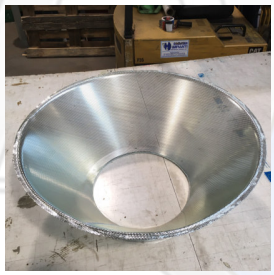
AEROTEXTILE TECHNOLOGY

SPARE PARTS LIST

pos	ITEM	C200	C200 MAXI
1	Pneumatic Cylinder 	n.1 l. 1229mm	n.1 l. 1429mm
2	Lamellar Discharger 	n.2 Ø 645mm	n.2 Ø 645mm
3	Inspection window 	n.3 Ø 300mm est	n.3 Ø 300mm est
4	Filtration Cone 	n.1 Ø 730mm est ; Ø 370mm est l.260mm	n.1 Ø 830mm est ; Ø 475mm est l.260mm
5	Filtration Basket 	n.1 Ø 370mm – l. 637mm	n.1 Ø 475mm – l. 839mm

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