EMMEBI IMPIANTI
AEROTEXTILE TECHNOLOGY

FIBRE COMPACTOR C200®

The Fibre compactor C200® is a machine made with functional , simple concepts and only pneumatic.

The fibre, after having been separated by the air, is exhausted by means of a simple vertical pressure applied by a pneumatic piston.
This passage is very important because with this action is avoided any damages and curling of the fibre allowing its reuse , or stocking , or directly on the press .

The Fibre compactor is supplied with an electronic control panel that allows the adjusting of the off-on working time.

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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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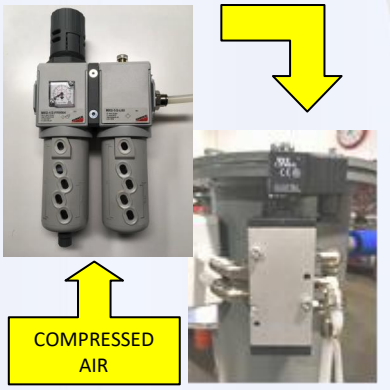
INSTALLATION PROCEDURES

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	

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3	Feed from the electronic panel the electro pneumatic valve	
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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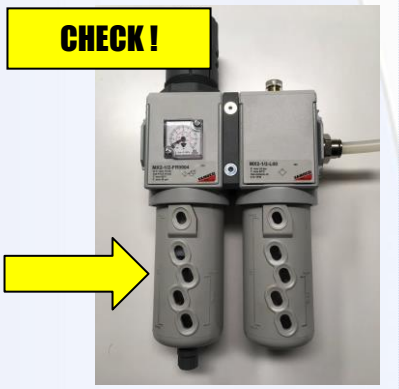
MAINTENANCE PROCEDURES

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**

- **C200 IS WORKING IN DEPRESSION SO, IF NECESSARY, TURN OFF THE SUCTION FAN AND CLOSE THE REGULATION DAMPERS**

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

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

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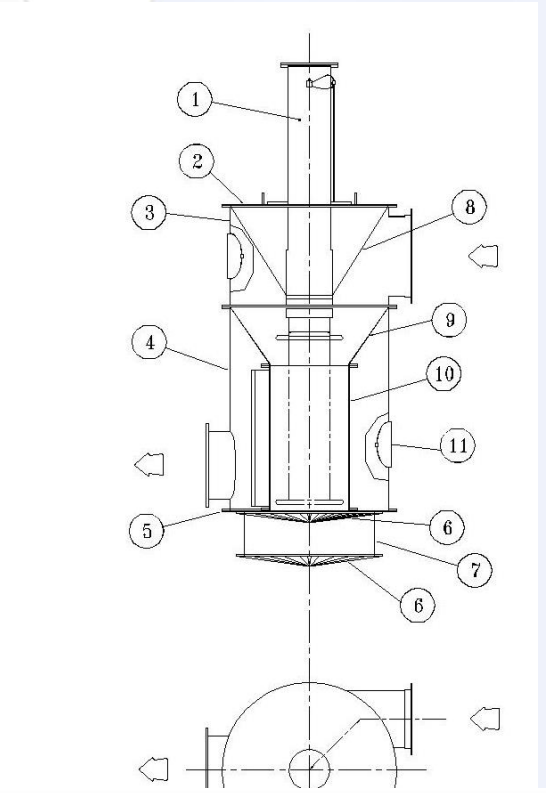
SAFETY OFFICER		MAINTENANCE OFFICER	

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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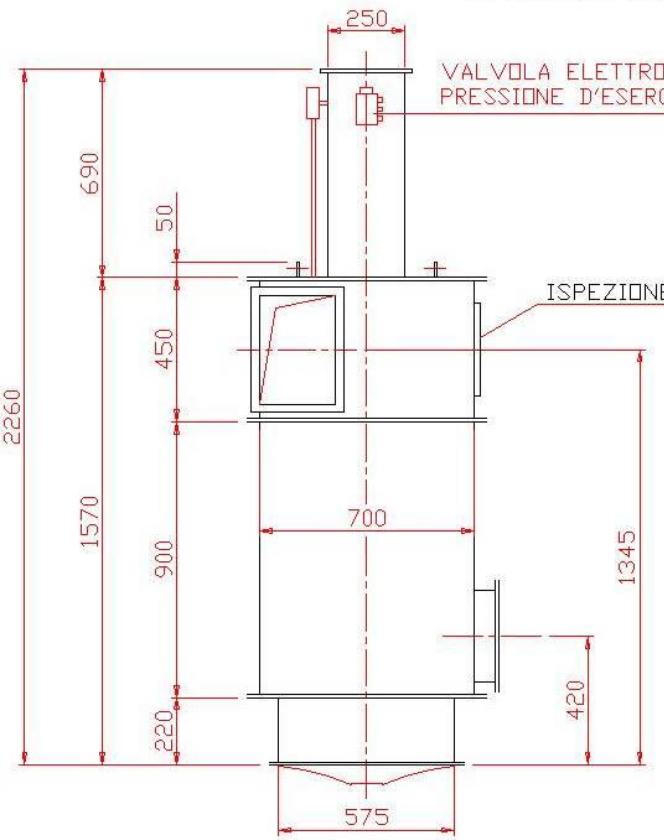
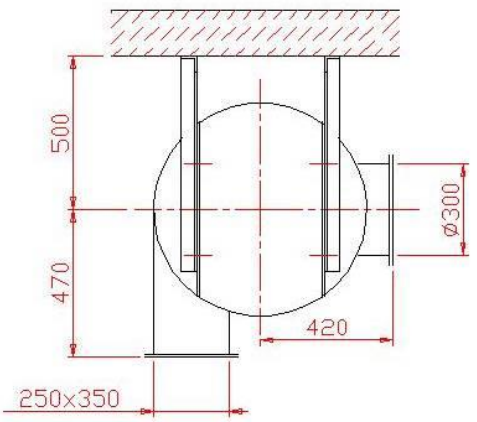
TECNOLOGIA - AEROTESSILE

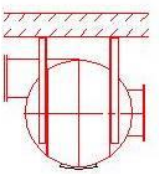
N. DISEGNO	DATA ☐ AGG.
NORM. 03	26-11-97

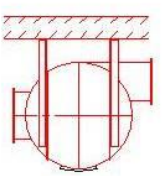
DENOMINAZIONE
CONDENSATORE C.200

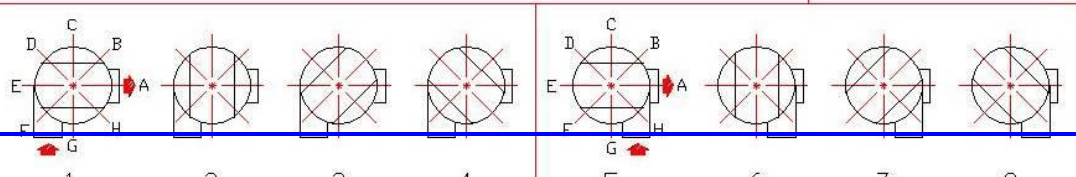
IL DISEGNO RAPPRESENTA LA POS.2/A






ISPEZIONE


ISPEZIONE



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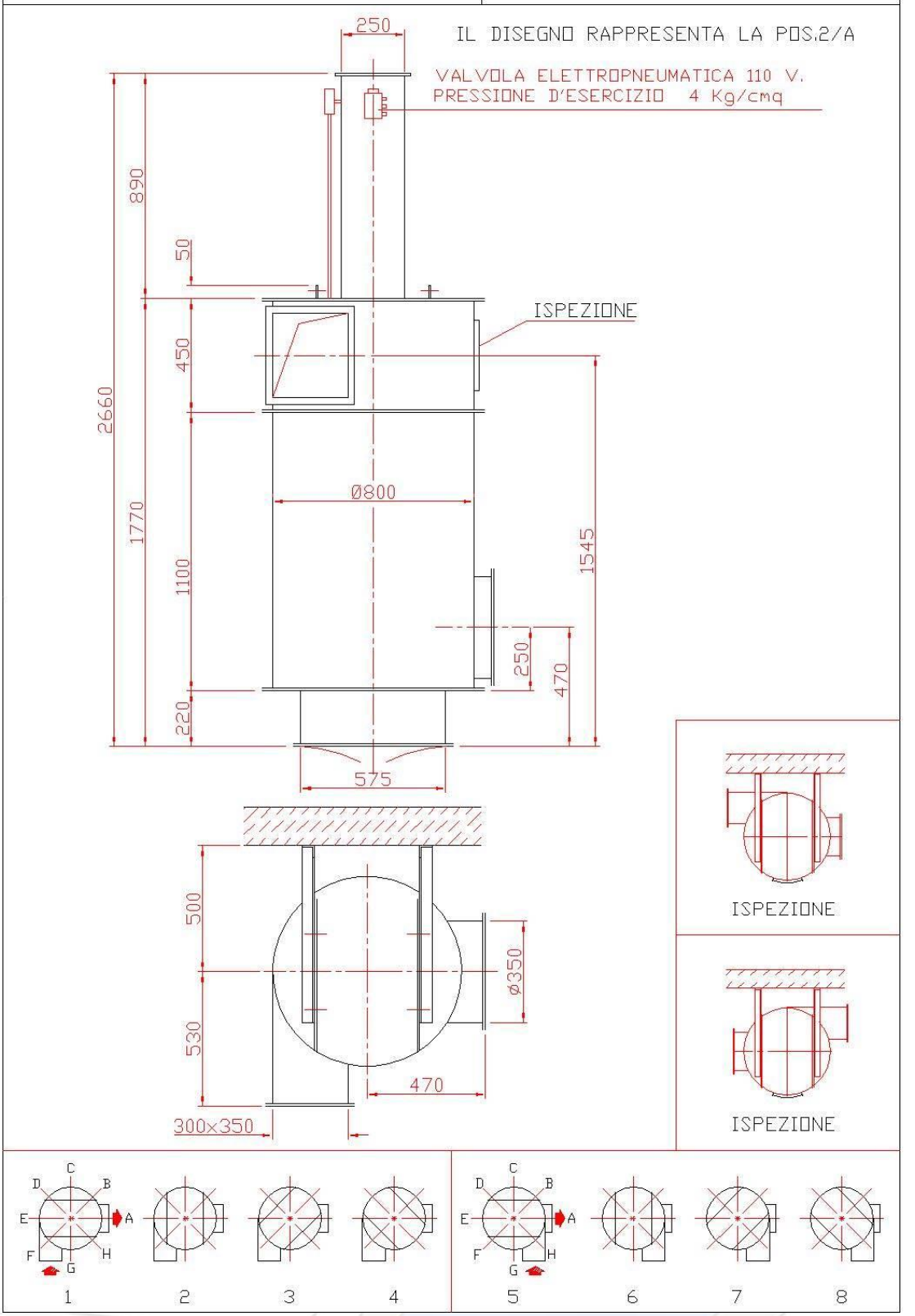
TECNOLOGIA - AEROTESSILE

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

DENOMINAZIONE
CONDENSATORE C.200s



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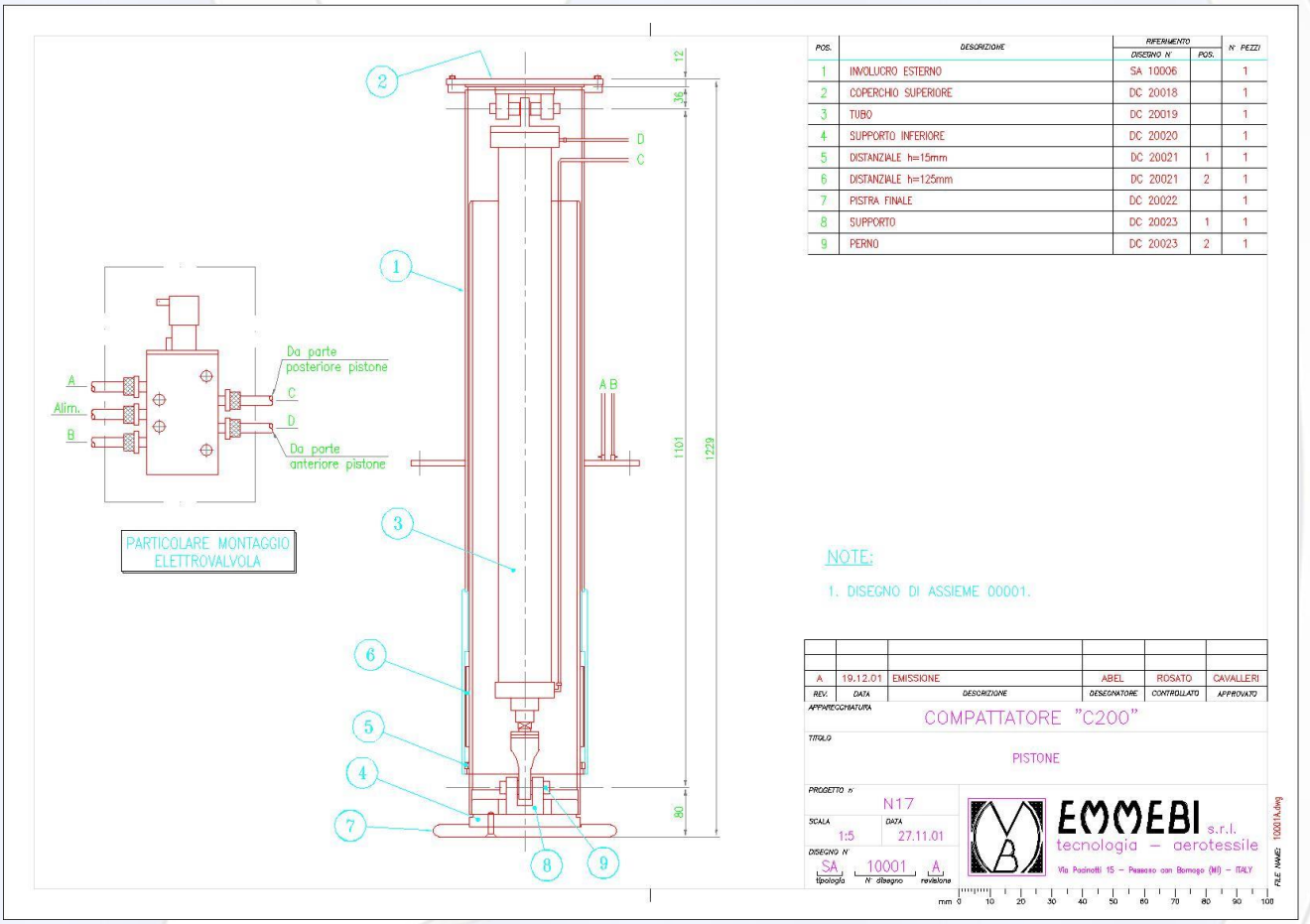

POS.	DESCRIZIONE	RIFERIMENTO DISEGNO N°	RIFERIMENTO POS.	N° PEZZI
1	INVOLUCRO ESTERNO	SA 10006		1
2	COPERCHIO SUPERIORE	DC 20018		1
3	TUBO	DC 20019		1
4	SUPPORTO INFERIORE	DC 20020		1
5	DISTANZIALE h=15mm	DC 20021	1	1
6	DISTANZIALE h=125mm	DC 20021	2	1
7	PISTRA FINALE	DC 20022		1
8	SUPPORTO	DC 20023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

NOTE:

1. DISEGNO DI ASSIEME 00001.

REV.	DATA	DESCRIZIONE	DESEGNATORE	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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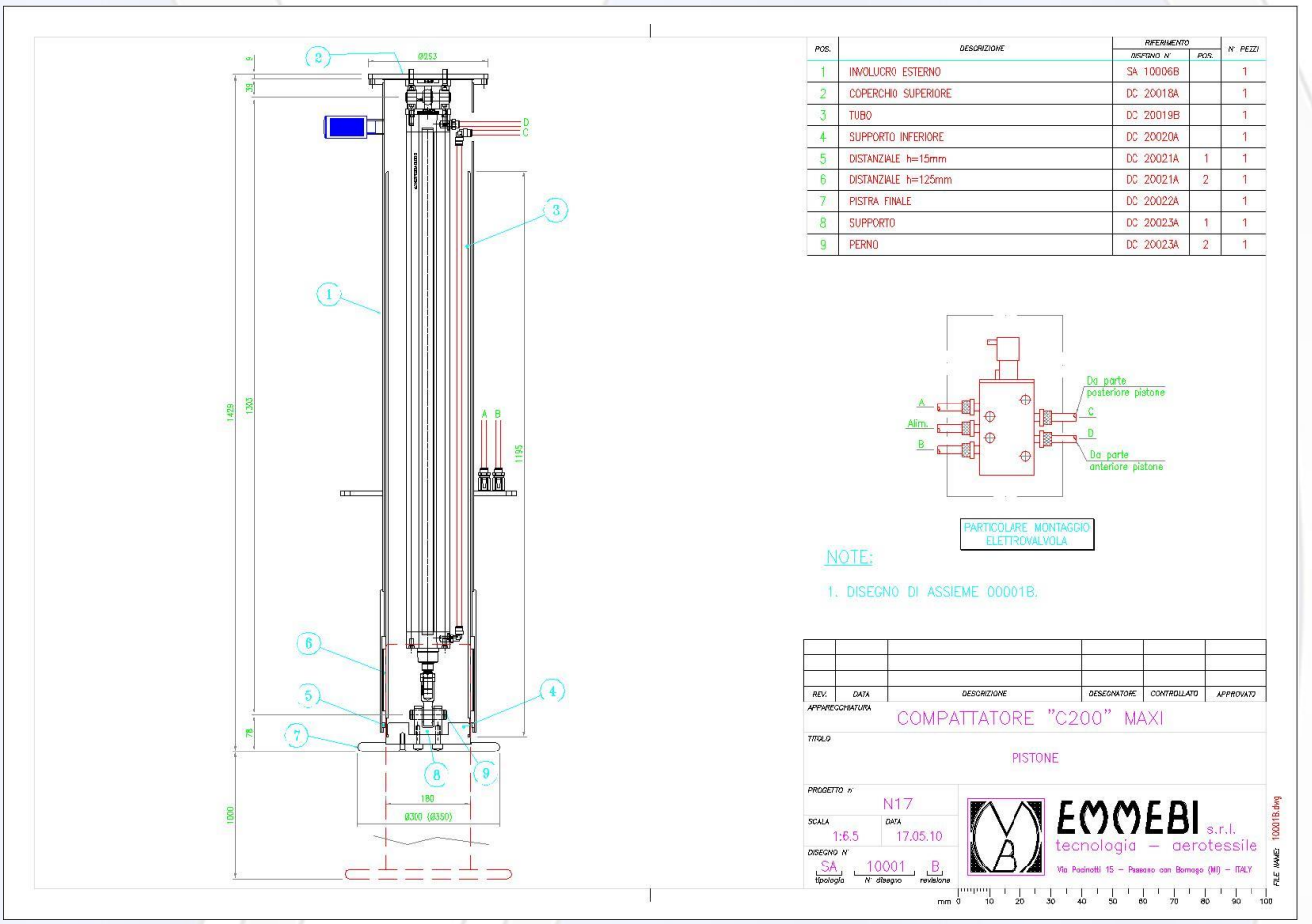
FILE NAME: 10001A.dwg

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

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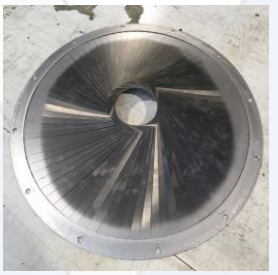
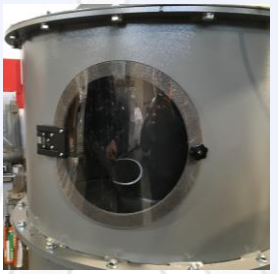
SPARE PARTS LIST

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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