



**BOLDRIGHINI**  
One century of experience and know-how.

1909 - 2009

JOB	FQ81032
CUSTOMER	DESMET BALLESTRA
CUSTOMER REF.	ORD.N°101083 C1E352
LOCATION	JAKARTA (INDONESIA)

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## VOL.2

### LAYOUT AND MECHANICAL DRAWINGS



**Div. Ecologia**



**BOLDOROCHI**  
One century of experience and know-how.

JOB

FQ81032

CUSTOMER

DESMET BALLESTRA

### **LIST OF ATTACHED DOCUMENTS**

1 )	BAG FILTER INSTALLING, USE AND MAINTENANCE INSTRUCTIONS
2 )	CENTRIFUGAL FAN INSTALLING, USE AND MAINTENANCE INSTRUCTIONS
3 )	SPARE PARTS
4 )	ELECTRICAL DRAWINGS AND SCHEMES
0 )	<b>vol.2</b>
5 )	LAYOUT AND MECHANICAL DRAWINGS
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16 )	
17 )	
18 )	
29 )	



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One century of experience and know-how.

1909 - 2009

JOB

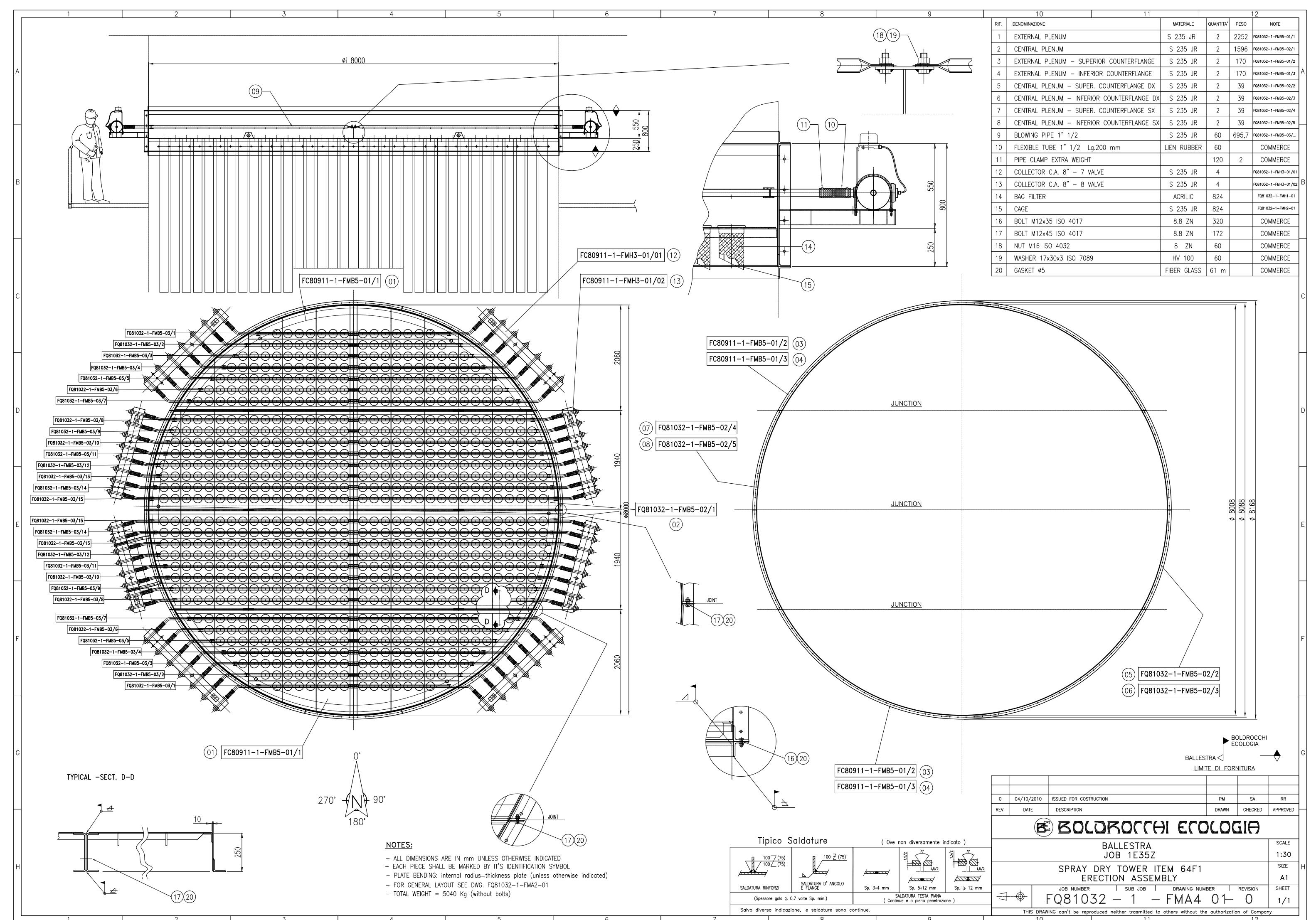
FQ81032

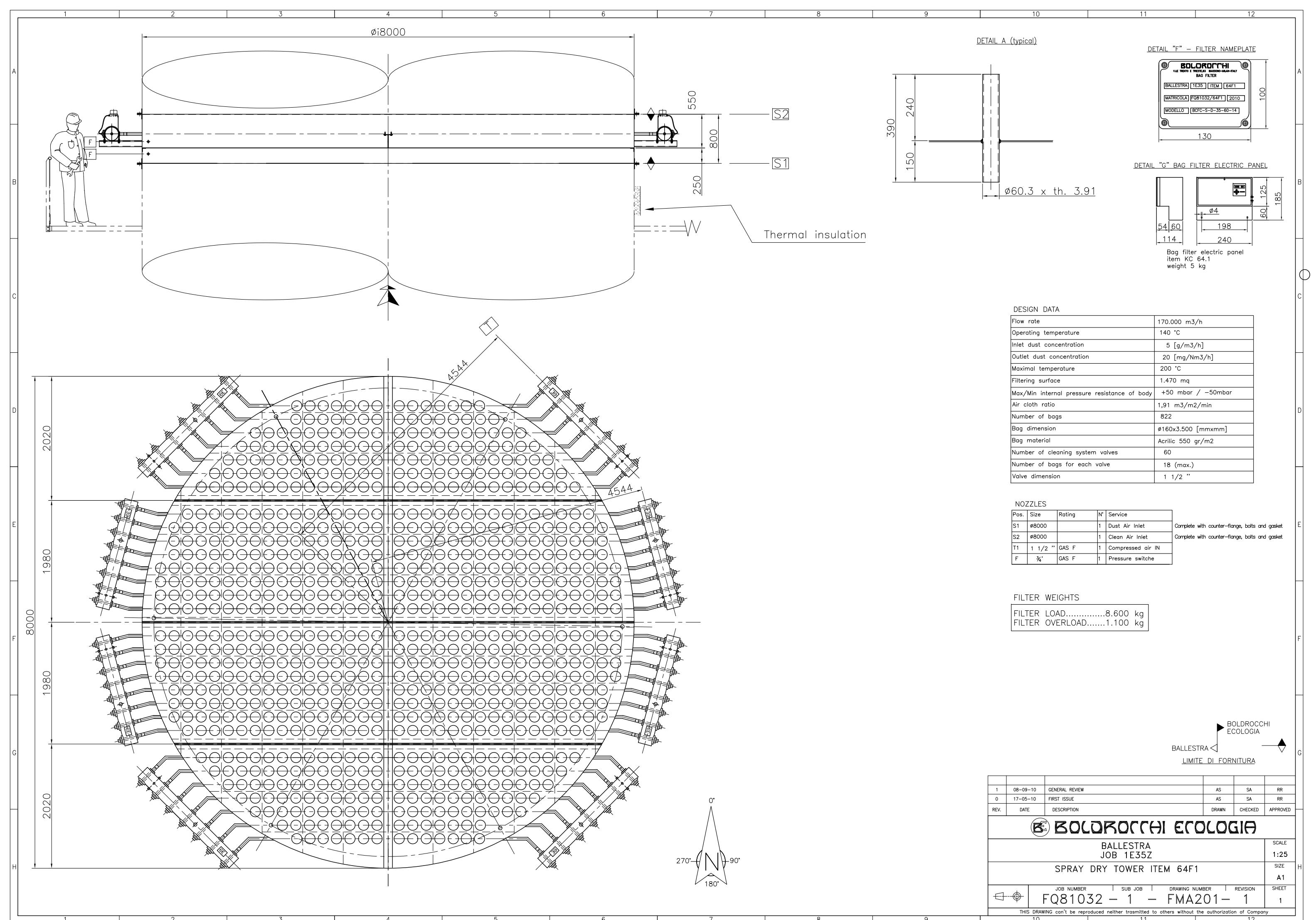
CUSTOMER

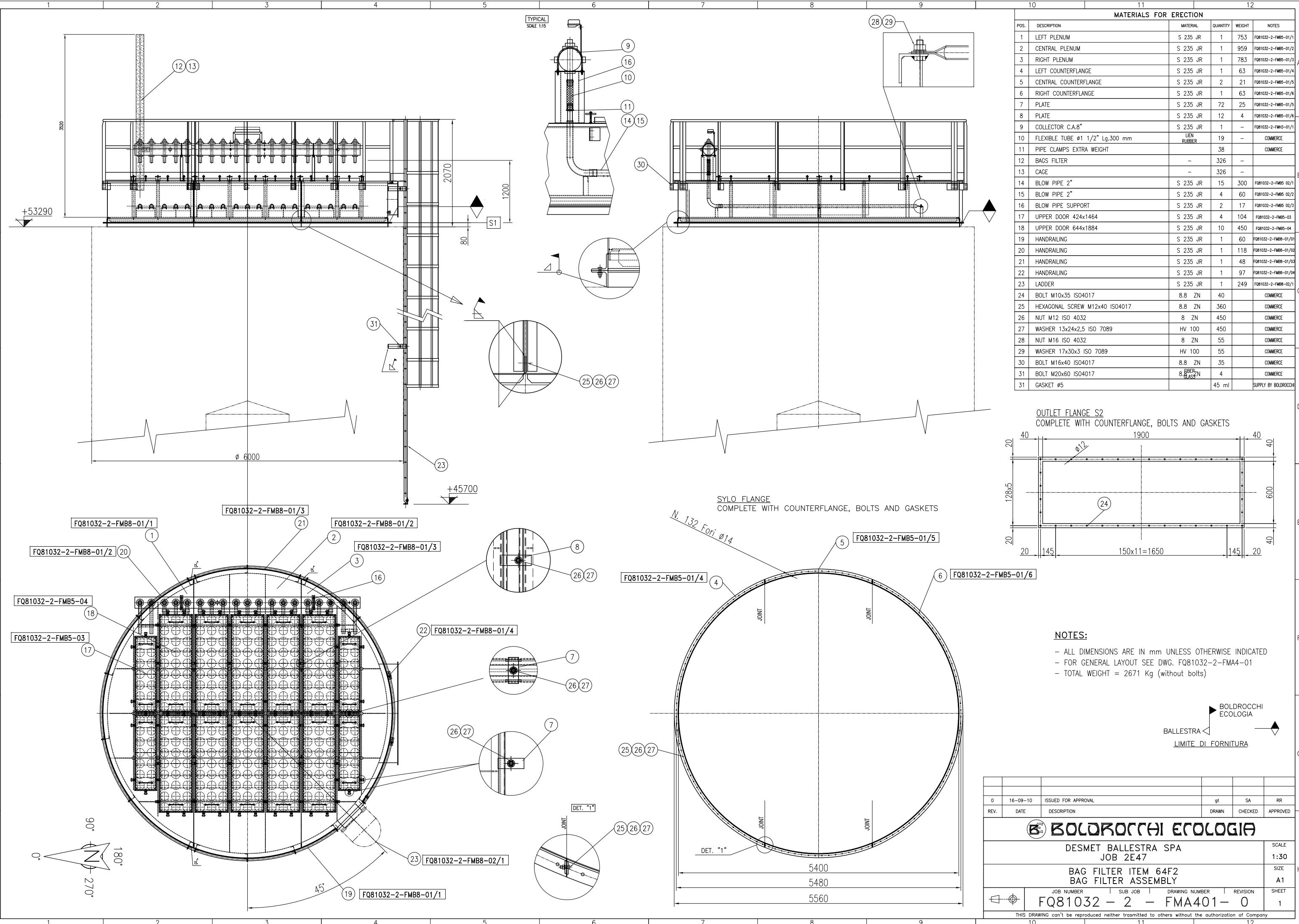
DESMET BALLESTRA

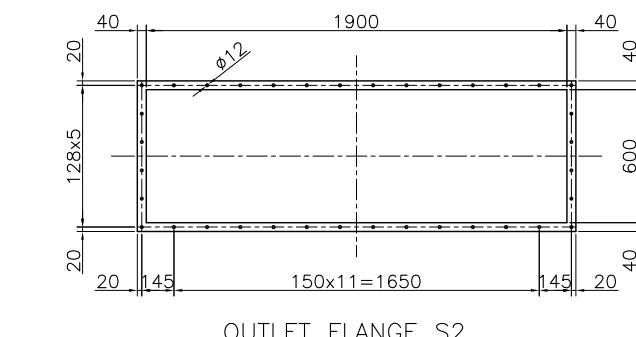
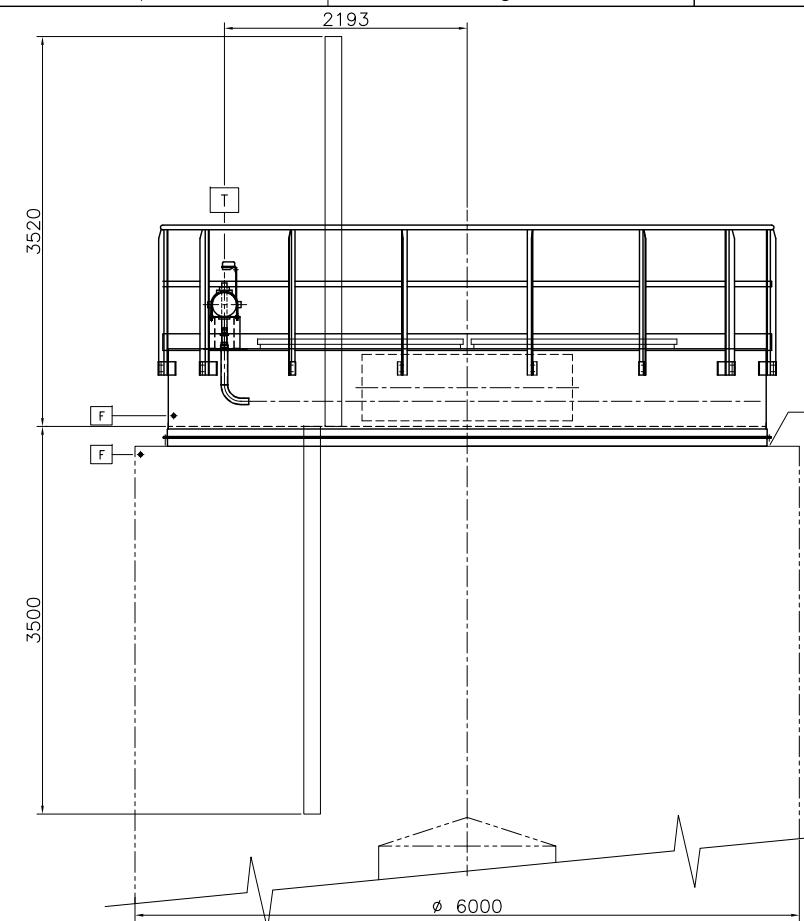
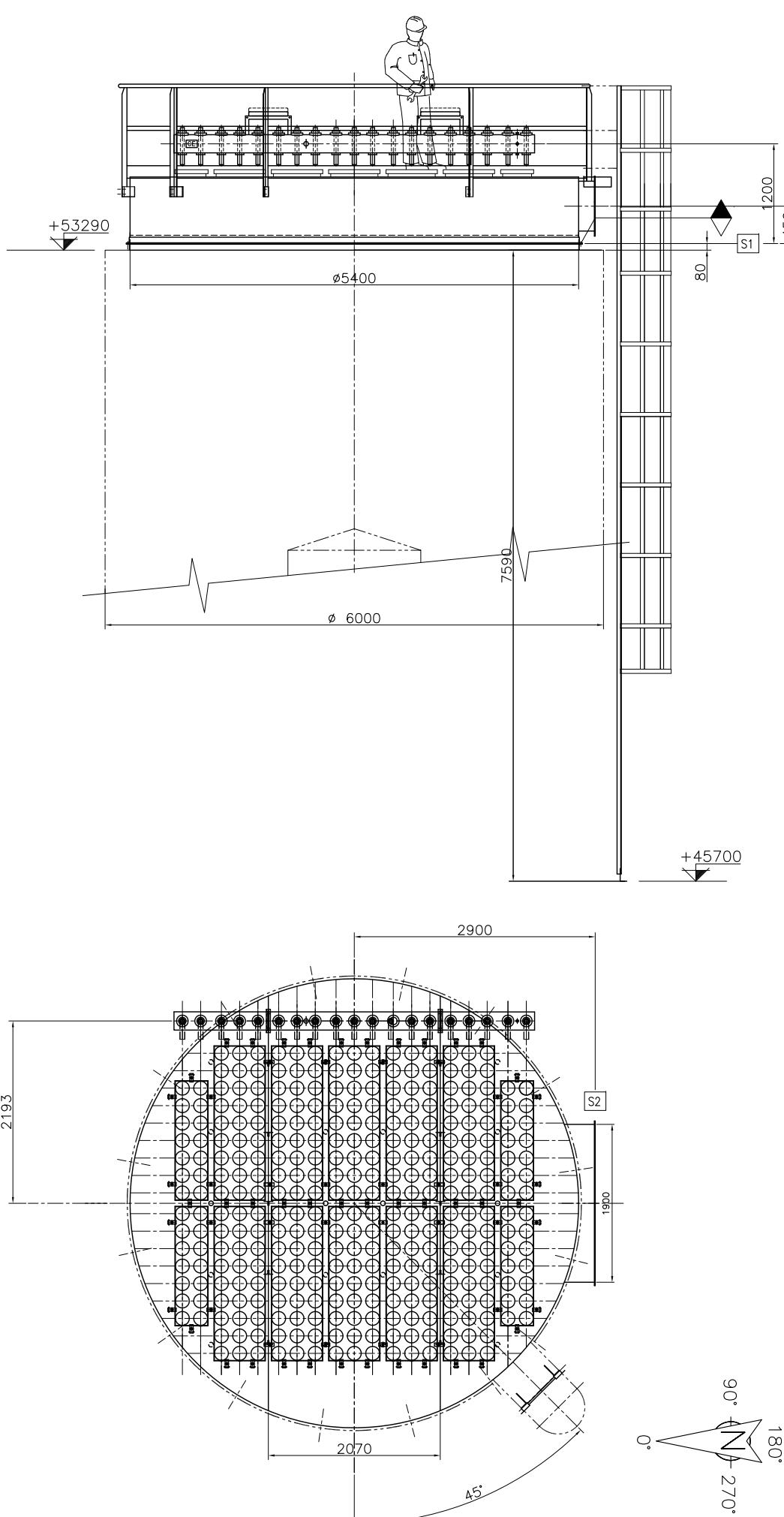
5 )

## LAYOUT AND MECHANICAL DRAWINGS



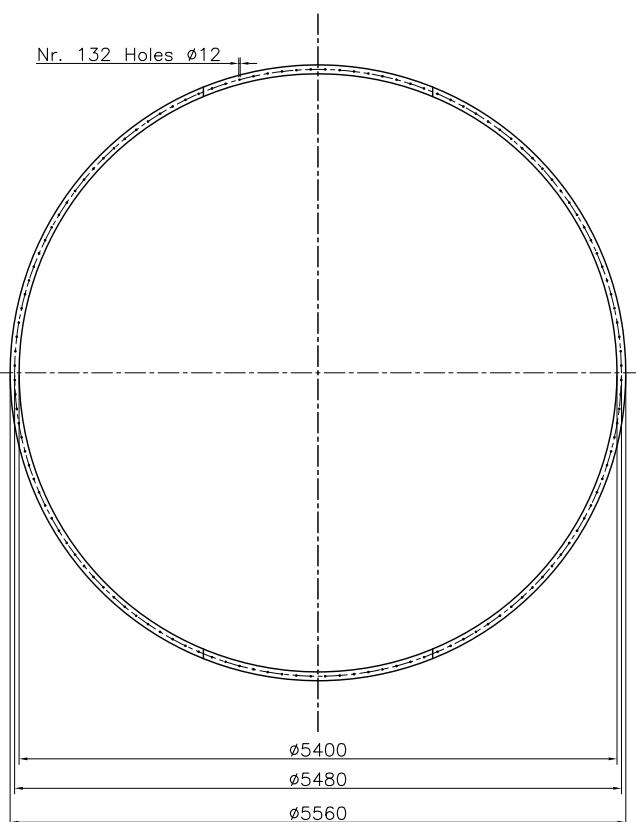






#### BAG FILTER

Item	64F2
Boldrocchi Code	CBFC S D 35 40 9
Air flow [mc/h]	65.500
Filtering area [m <sup>2</sup> ]	577
Bag dimension [mmxmm]	160X3.500
Number of bags	326
Number of cleaning valves	19



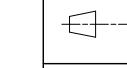
INLET FLANGE S1

FILTER LOAD	8.000 kg
FILTER OVER LOAD (DUST)	1.000 kg

#### NOZZLES

Pos.	Size	Rating	N°	Service
* S1	Ø5400		1	Dust Air Inlet
* S2	1900X600		1	Clean Air Outlet
T	1 1/2"	GAS F	1	Compressed air IN
F	¾"	GAS F	1	Pressure switch

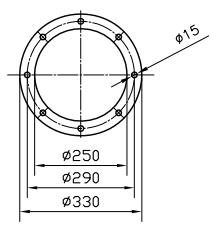
\* COMPLETE WITH COUNTERFLANGE, BOLTS AND GASKET

2	23-09-10	AGGIUNTA ALTEZZA SCALA	AS	SA	RR
1	07-09-10	MODIFIED POSITION COLLECTOR AND LADDER	g.t.	A.S.	AS
0	07-07-10	FIRST ISSUE	AS	SA	RR
REV.	DATA	DESCRIZIONE REVISIONE	DISEGNATO	CONTROLLATO	VERIFICATO
 <b>BOLDROCCHI ECOLOGIA</b>					
BALLESTRA JOB 1E35Z BAG FILTER ITEM 64F2					SCALA 1:120
					FORMATO A2
		N° COMMESSA	SOTTOCOMM.	N° DISEGNO	REVISIONE
FQ81032 - 2 - FMA201 - 2					FOGLIO 1
IL PRESENTE DISEGNO non puo' essere riprodotto ne' trasmesso a terzi senza l'autorizzazione della SOCIETA'					

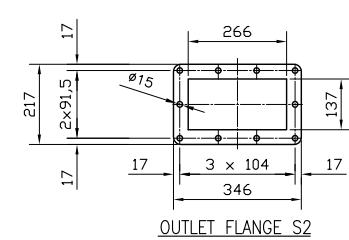
MARCA	POS.	DESCRIZIONE	N.	MATERIALE	PESO Kg.
FQ81032-3-FMB5-01/01		BODY FILTER	1	S275 JR	328
FQ81032-3-FMB5-01/02		MAINTENANCE DOOR	1	S275 JR	43
FQ81032-3-FMB5-01/03		UPPER DOOR	1	S275 JR	73
FQ81032-3-FMB5-01/04		UPPER INSPECTION DOOR	1	S275 JR	5
FQ81032-3-FMB2-01		BASE FRAME	1	S275 JR	80,2
FQ81032-3-FMH3-01		COLLECTOR	1	S275 JR	
FQ81032-3-FMH2-01		CAGE	25	S275 JR	
FQ81032-3-FMH1-01		BAGS FILTER	25	POLYPROPYLEN	

THE MATERIAL IN THE TABLES IS VALID FOR NR.1 FILTER

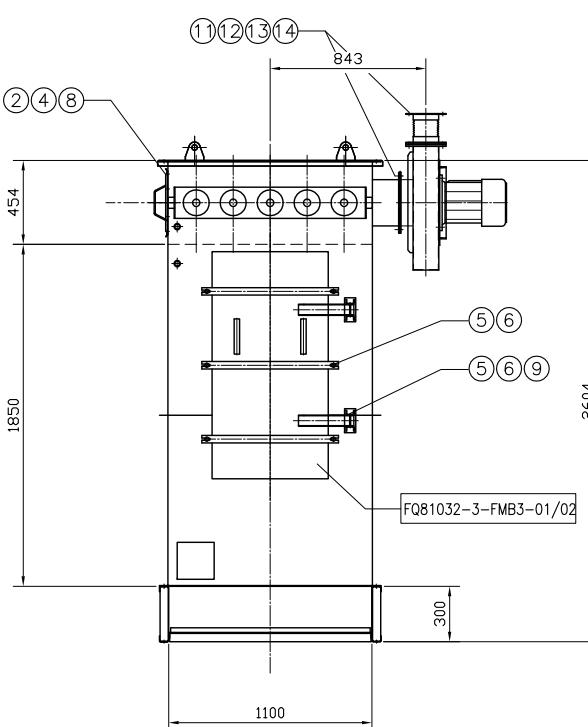
POS	Description	Nr.
1	Three pieces joints	5
2	Screw M10x30 ISO 4017 cl 8.8	140
3	Nut M10 ISO 4032 cl.8	132
4	Washer $\phi$ 11 UNI6592 HV 100	272
5	Nut M12 ISO 4032 cl.8	8
6	Washer $\phi$ 13 UNI6592 HV 100	8
7	Gasket 20x15(mousse black) m.	5
8	Gasket 50x5 (fiber glass) m.	19
9	Screw M12x80 ISO 4017 cl 8.8	2
10	centrifugal fan	1
11	Screw M14x40 ISO 4017 cl 8.8	18
12	Nut M14 ISO 4032 cl.8	18
13	Washer $\phi$ 15 UNI6592 HV 100	36
14	Gasket rope $\phi$ 5 (fiber glass) m.	3



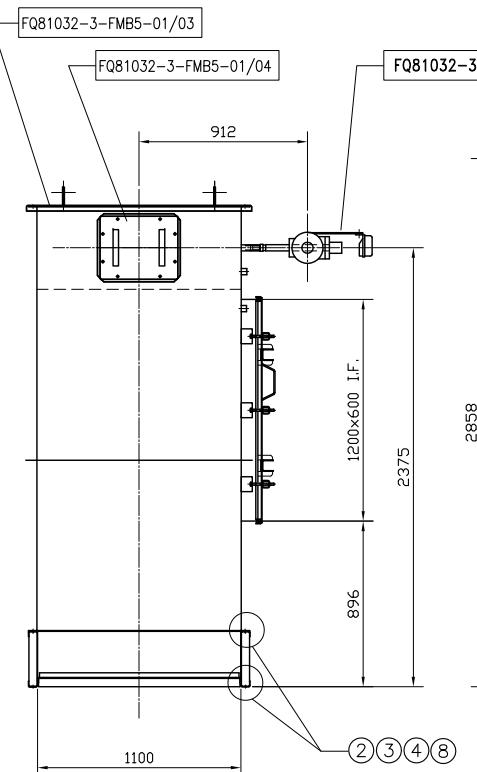
## CENTRIFUGAL FAN INLET FLANGE



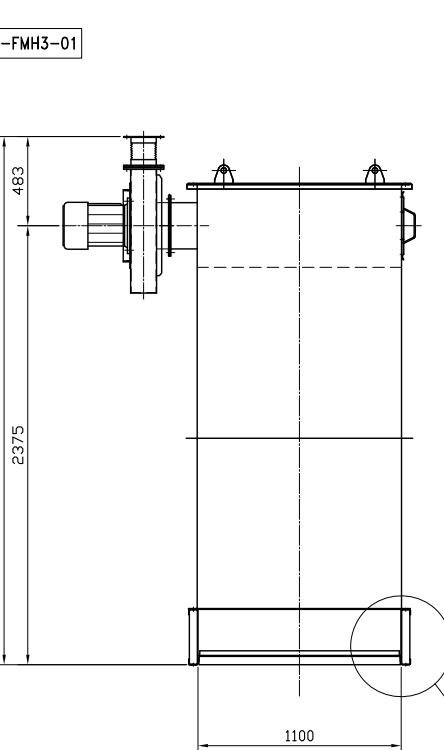
## OUTLET FLANGE



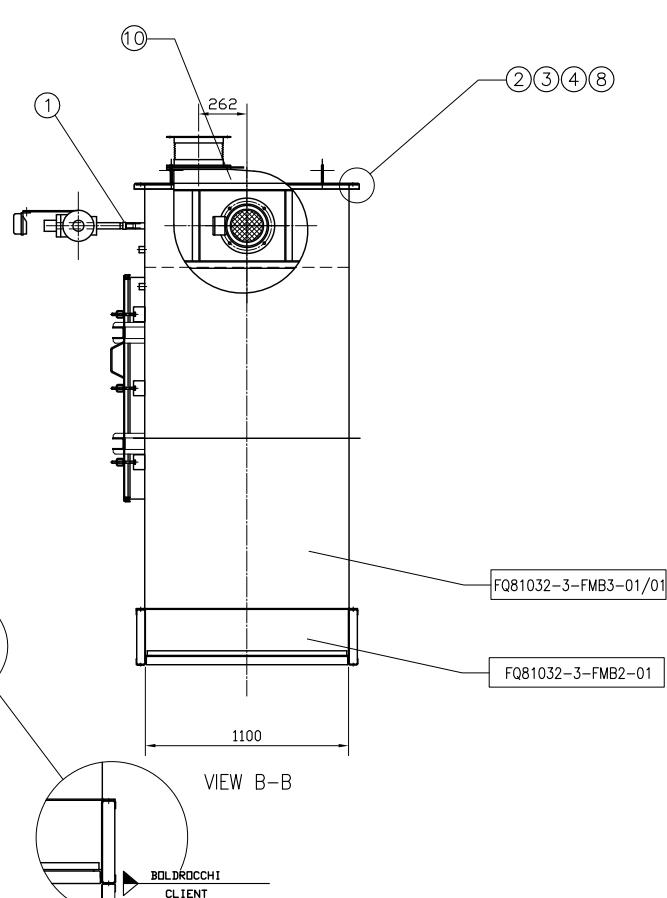
VIEW A-



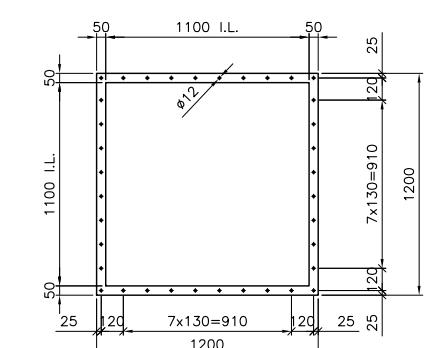
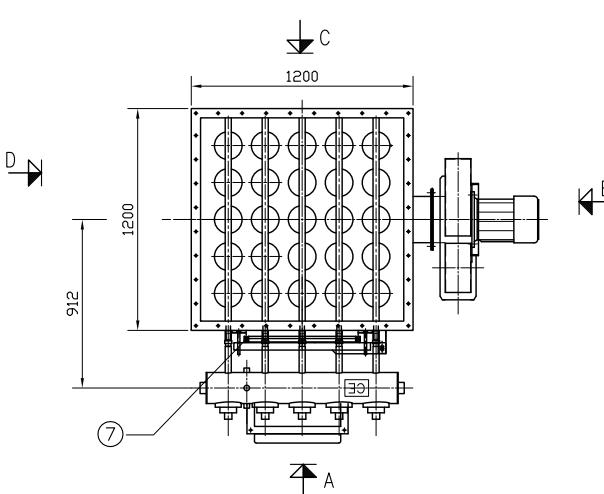
VIEW D-



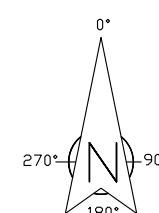
## VIEW C-C



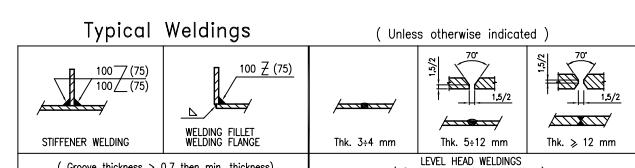
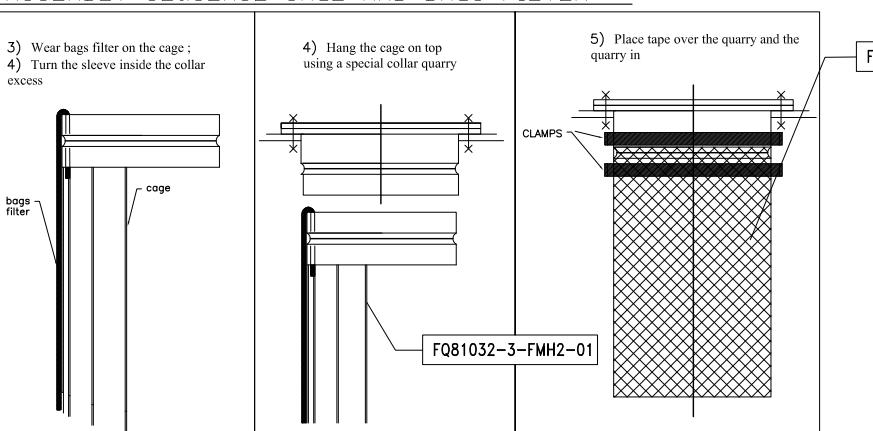
VIEW B-B



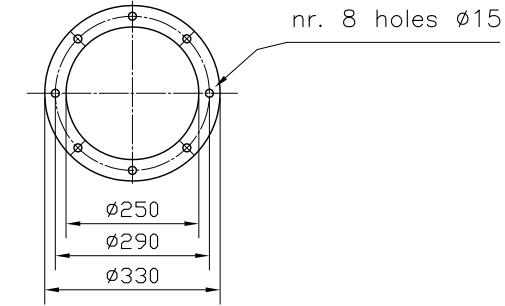
SYLOS FLANGE



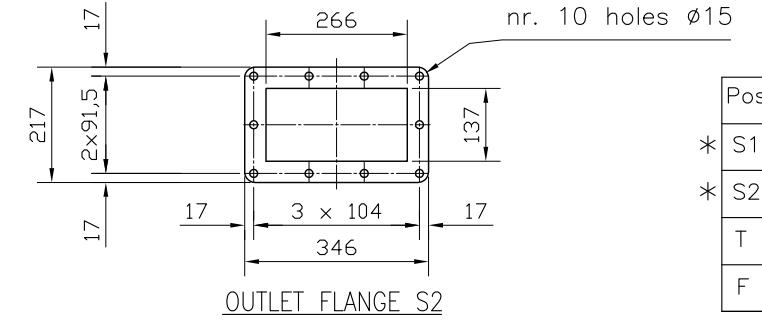
## ASSEMBLY SEQUENCE CAGE AND BAGS FILTER



01/09/2010	ISSUED FOR CONSTRUCTION	P.M.	S.A.	R.R.
DATA	DESCRIZIONE REVISIONE	DISEGNATO	CONTROLLATO	VERIFICATO
	<b>BALDOROCCHI ECOLOGIA</b>			
BALLESTRA JOB 1E35Z BAG FILTER ITEM 62F1				SCALA 1:25
ERCTION DRAWING				FORMATO A1
N° COMMESSA FQ81032 - 3 - FMA401 - 0	SOTTOCOMM.	N° DISEGNO	REVISIONE	FOGLIO



CENTRIFUGAL FAN INLET FLANGE



OUTLET FLANGE S2

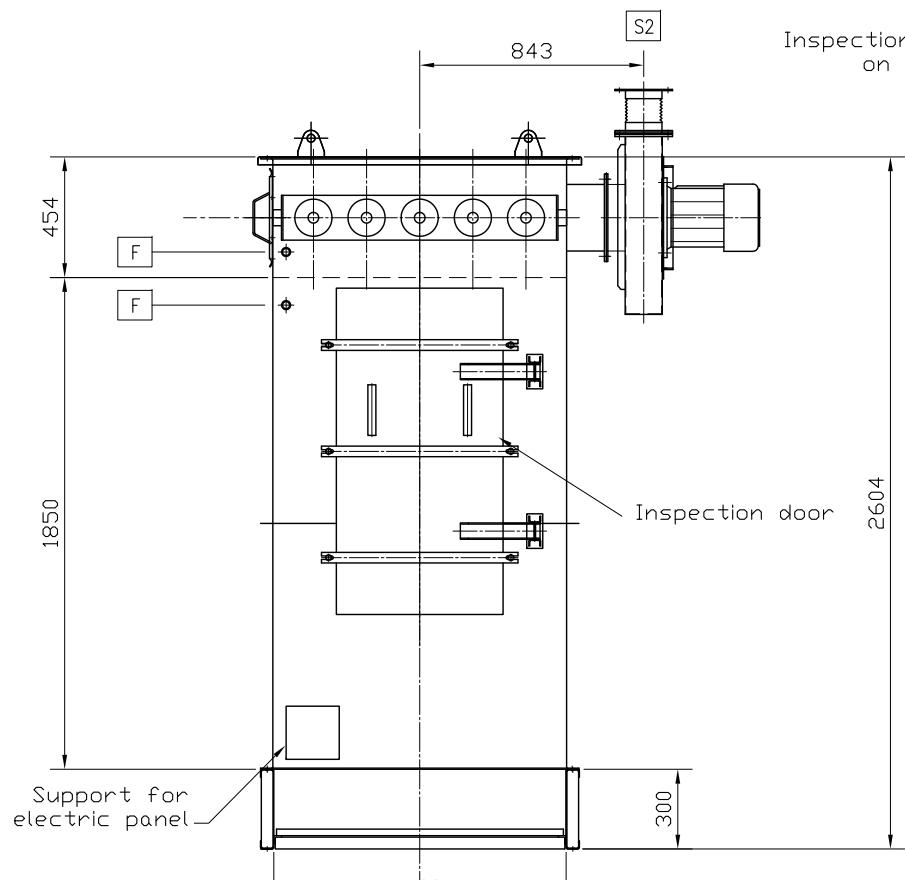
### NOZZLES

Pos.	Size	Rating	N°	Service
* S1	1100x1100		1	Dust Air Inlet
* S2	137x266		1	Clean Air Outlet
T	1"	GAS F	1	Compressed air IN
F	¾"	GAS F	1	Pressure switch

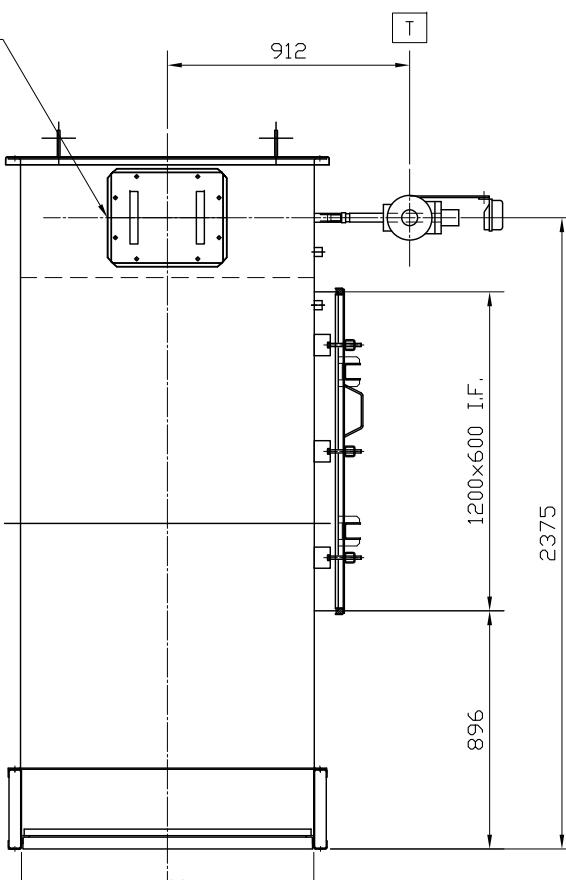
\* COMPLETE WITH COUNTERFLANGE, BOLTS AND GASKET

### BAG FILTER

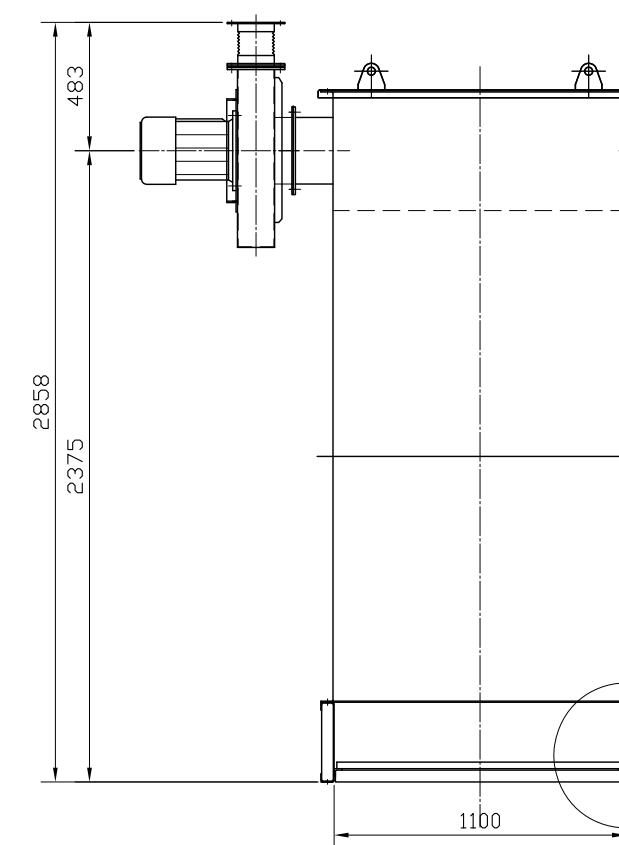
Item	62F1+62K1
Boldroccchi Code	MBC S D 20 A L
Air flow [mc/h]	2.700
Filtering area [m <sup>2</sup> ]	24,2
Bag dimension [mmxmm]	151X2.000
Number of bags	25
Number of cleaning valves	5



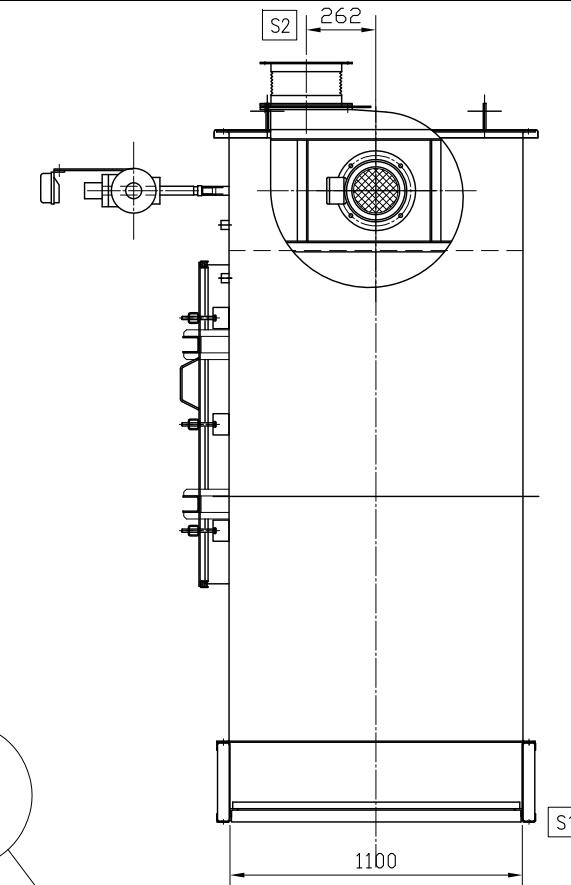
VIEW A-A



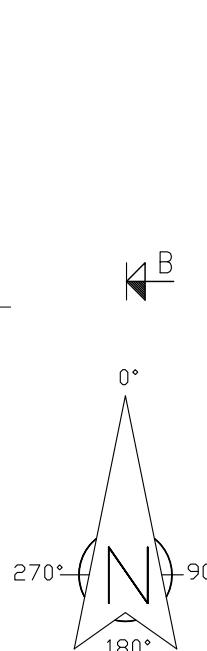
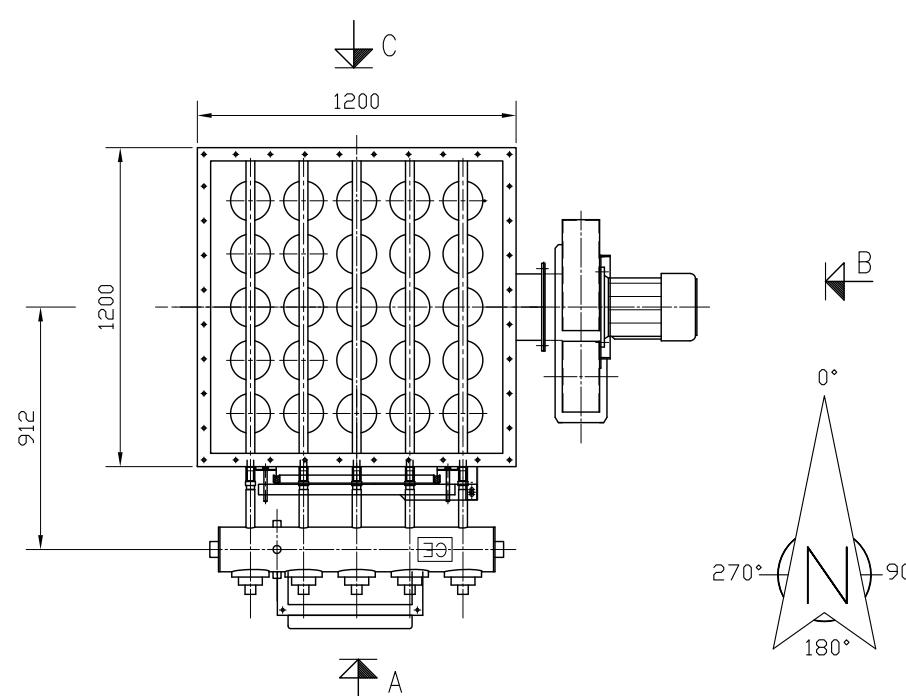
VIEW D-D



VIEW C-C

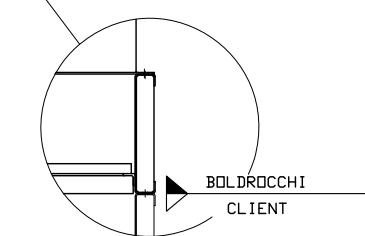


VIEW B-B



SYLOS FLANGE S1

FILTER LOAD	880 kg
FILTER OVER LOAD (DUST)	80 kg

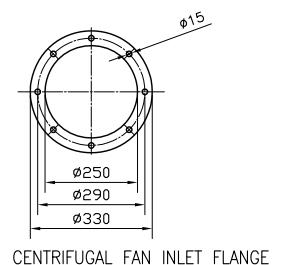


2	07-09-10	FAN OUTLET MODIFIED	AS	SA	RR
1	24-08-10	GENERAL REVIEW	PM	SA	RR
0	22-06-10	FIRST ISSUE	AS	SA	RR
REV.	DATA	DESCRIZIONE REVISIONE	DISEGNATO	CONTROLLATO	VERIFICATO
<b>BOLDROCCCHI ECOLOGIA</b>			SCALA 1:50		
BALESTRA JOB 1E35Z BAG FILTER			FORMATO A2		
LAYOUT			FOGLIO 1		
N° COMMESSA		SOTTOCOMM.	N° DISEGNO	REVISIONE	
FQ81032 - 3			FMA201	- 2	

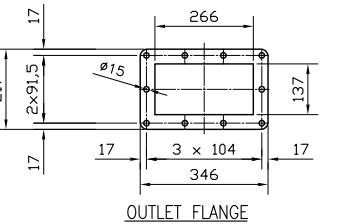
IL PRESENTE DISEGNO non puo' essere riprodotto ne' trasmesso a terzi senza l'autorizzazione della SOCIETA'

Q81032-4-FMB5-01/01	BODY FILTER	1	S275 JR	328
Q81032-4-FMB5-01/02	MAINTENANCE DOOR	1	S275 JR	43
Q81032-4-FMB5-01/03	UPPER DOOR	1	S275 JR	73
Q81032-4-FMB5-01/04	UPPER INSPECTION DOOR	1	S275 JR	5
FQ81032-4-FMB2-01	BASE FRAME	1	S275 JR	80,2
FQ81032-4-FMH3-01	COLLECTOR	1	S275 JR	
FQ81032-4-FMH2-01	CAGE	25	S275 JR	
FQ81032-4-FMH1-01	BAGS FILTER	25	POLYPROPYLEN	

THE MATERIAL IN THE TABLES IS VALID FOR NR.1 FILTER

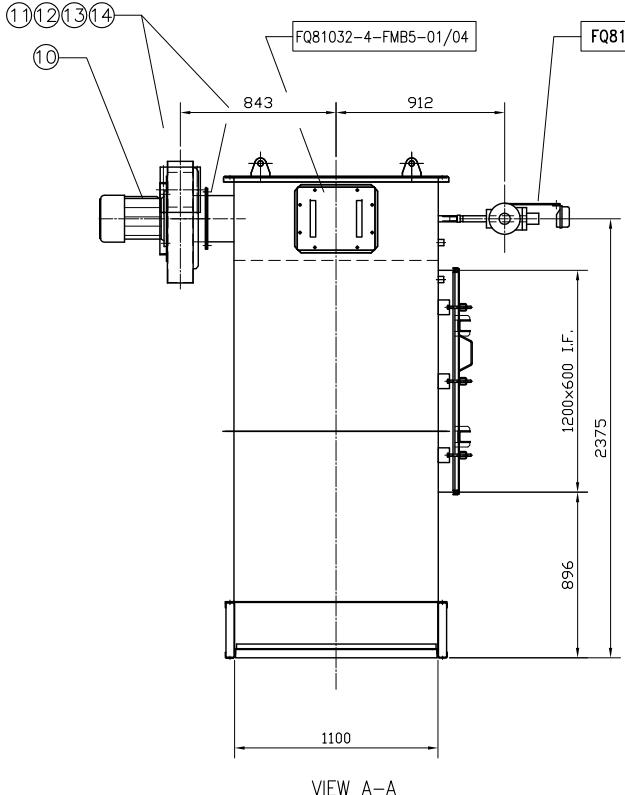


## CENTRIFUGAL FAN INLET FLANGE

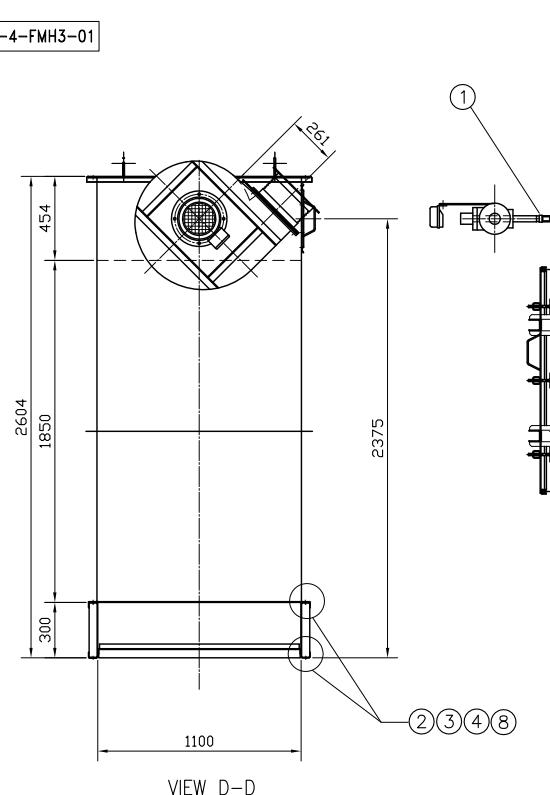


## OUTLET FLANGE

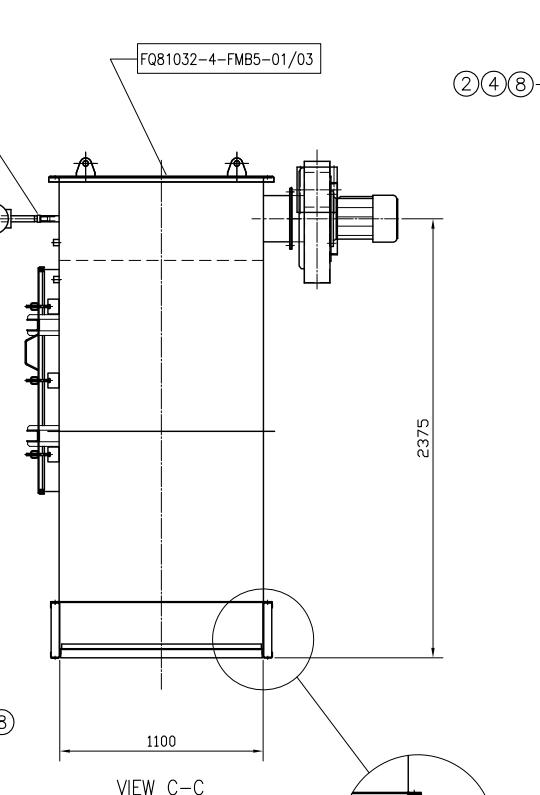
POS	Description	Nr.
1	Three pieces joints	5
2	Screw M10x30 ISO 4017 cl 8.8	140
3	Nut M10 ISO 4032 cl.8	132
4	Washer $\phi$ 11 UNI6592 HV 100	272
5	Nut M12 ISO 4032 cl.8	8
6	Washer $\phi$ 13 UNI6592 HV 100	8
7	Gasket 20x15(mousse black) m.	5
8	Gasket 50x5 (fiber glass) m.	19
9	Screw M12x80 ISO 4017 cl 8.8	2
10	centrifugal fan	1
11	Screw M14x40 ISO 4017 cl 8.8	18
12	Nut M14 ISO 4032 cl.8	18
13	Washer $\phi$ 15 UNI6592 HV 100	36
14	Gasket rope $\phi$ 5 (fiber glass) m.	3



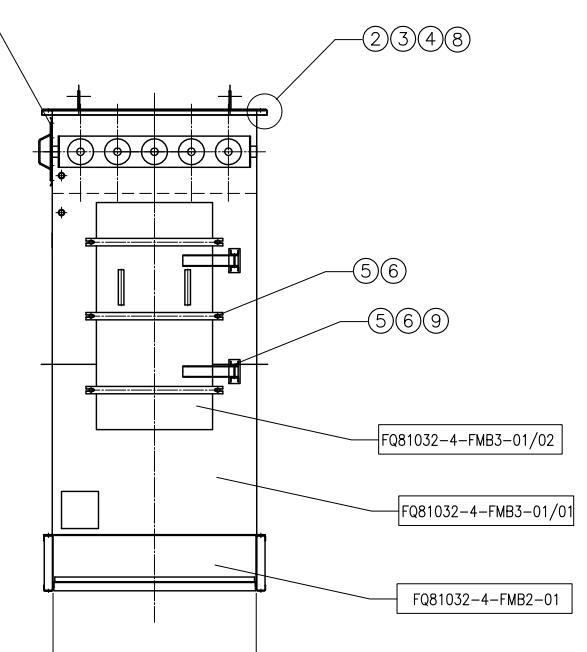
VIEW A-A



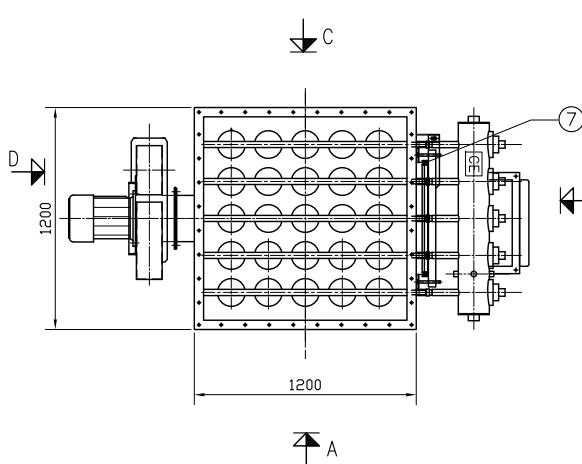
VIEW D-1



### VIEW C-C

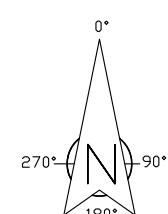


VIEW B-B

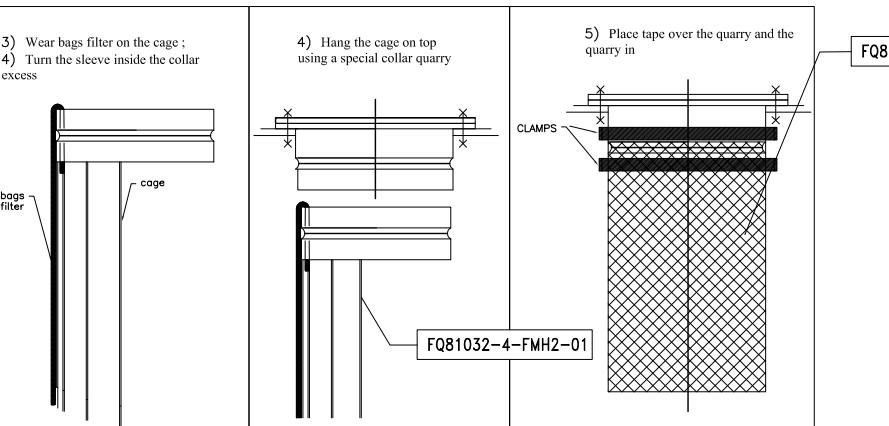


The diagram illustrates a structural cross-section of a beam. The total width is 1200 mm, divided into two 50 mm wide columns by 25 mm thick end walls. The central web has a height of 1200 mm, with 50 mm top and bottom margins. The effective height of the section is 1100 I.L. Reinforcement consists of 7x130 bars (total 910 mm²) in the top flange and 7x130 bars (total 910 mm²) in the bottom flange. Vertical stirrups are spaced at 200 mm intervals. A diagonal brace labeled  $e_{1/2}$  is shown at an angle of 45 degrees from the vertical centerline.

## SYLOS FLANGE

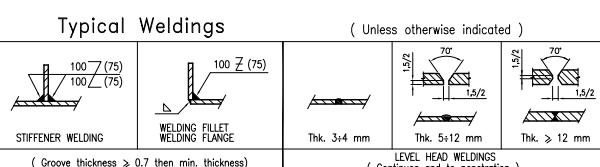


ASSEMBLY SEQUENCE CAGE AND BAGS FILTER

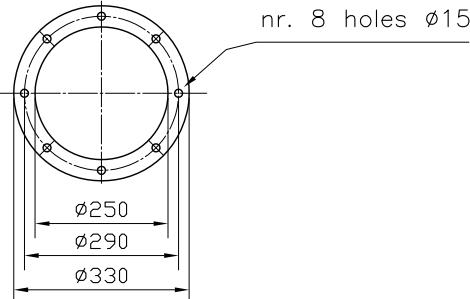


#### NOTES:

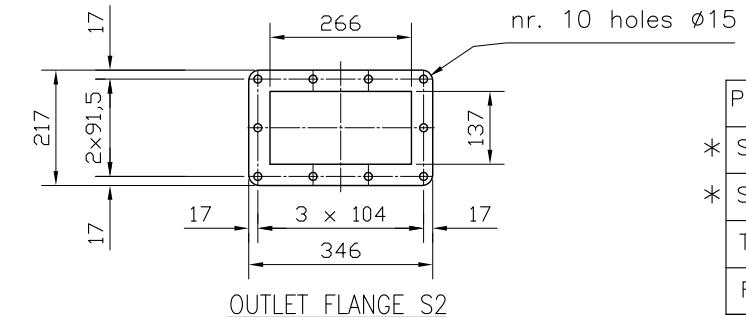
- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE INDICATED
  - EACH PIECE SHALL BE MARKED BY IT'S IDENTIFICATION SYMBOL
  - PLATE BENDING: internal radius=thickness plate (unless otherwise indicated)
  - TOTAL WEIGHT 529,2 Kg
  - FOR LAYOUT SEE DRAWING FQ81032-4-FMA2-01



0	01/09/2010	ISSUED FOR CONSTRUCTION	P.M.	S.A.	R.R.
REV.	DATA	DESCRIZIONE REVISIONE	DISEGNATO	CONTROLLATO	VERIFICATO
 <b>BALDOROCCHI ECOLOGIA</b> BALLESTRA JOB 1E35Z BAG FILTER ITEM 62F2					
SCALA 1:25 ERECTION DRAWING					
FORMATO A1					
		N° COMMESSA   SOTTOCOMM.   N° DISEGNO   REVISIONE   FOGLIO			
FQ81032 - 4 - FMA401 - 0					



## CENTRIFUGAL FAN INLET FLANGE



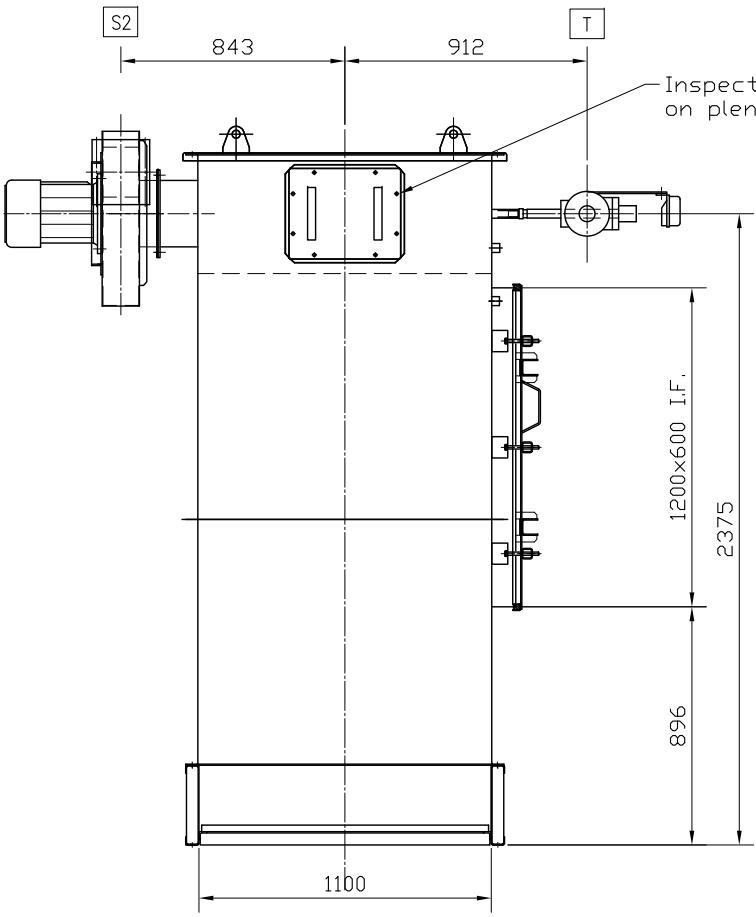
## OUTLET FLANGE S2

## NOZZLES

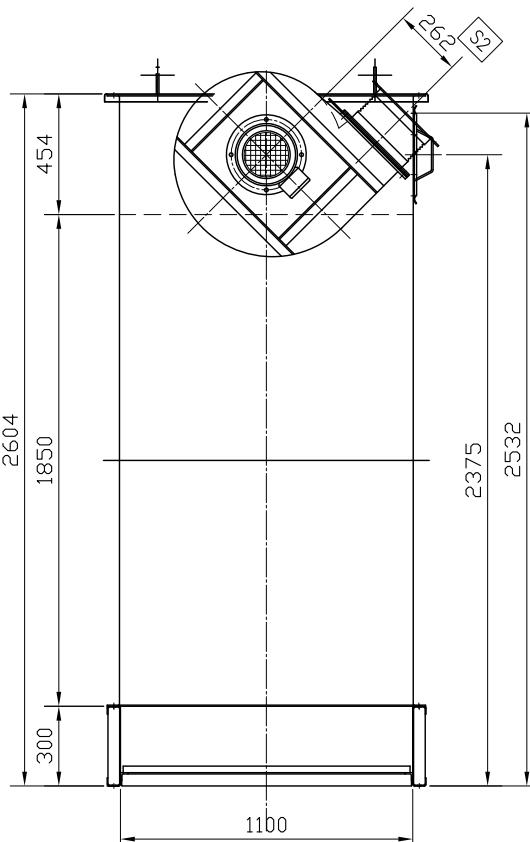
Pos.	Size	Rating	N°	Service
*	S1	1100x1100	1	Dust Air Inlet
*	S2	137x266	1	Clean Air Outlet
T	1"	GAS F	1	Compressed air IN
F	¾'	GAS F	1	Pressure switch

\* COMPLETE WITH COUNTERFLANGE, BOLTS AND GASKET

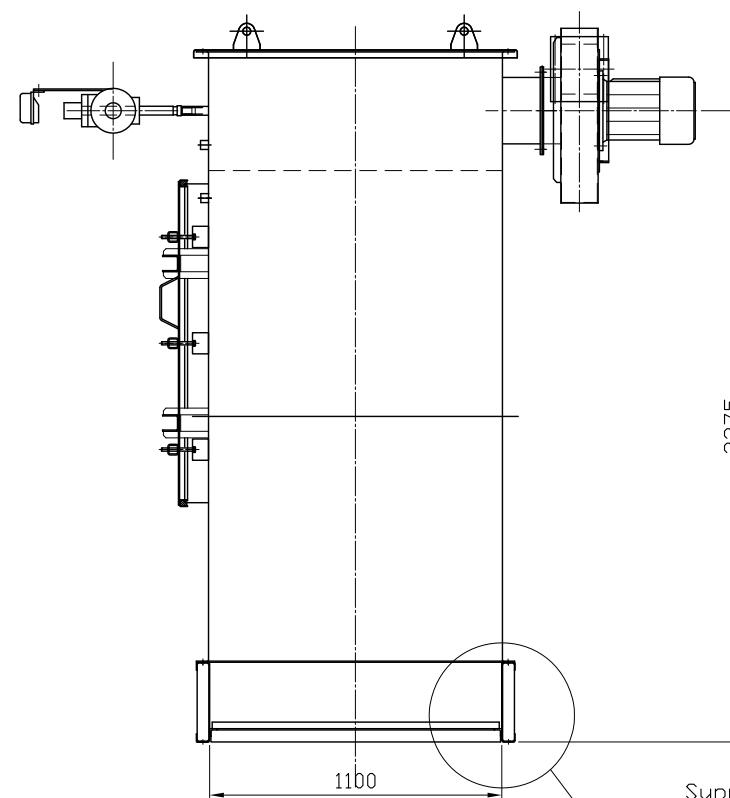
Item	62F2+62K2
Boldrocchi Code	MBC S D 20 A L
Air flow [mc/h]	2.700
Filtering area [m <sup>2</sup> ]	24,2
Bag dimension [mmxmm]	151X2.000
Number of bags	25
Number of cleaning valves	5



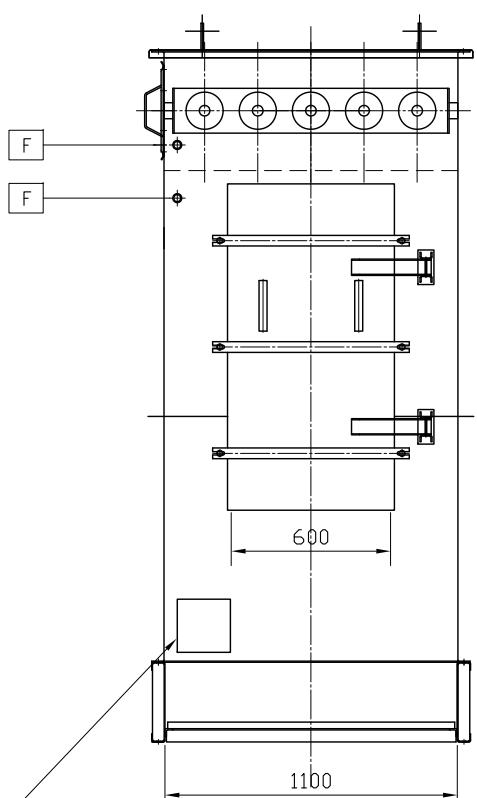
VIEW A-



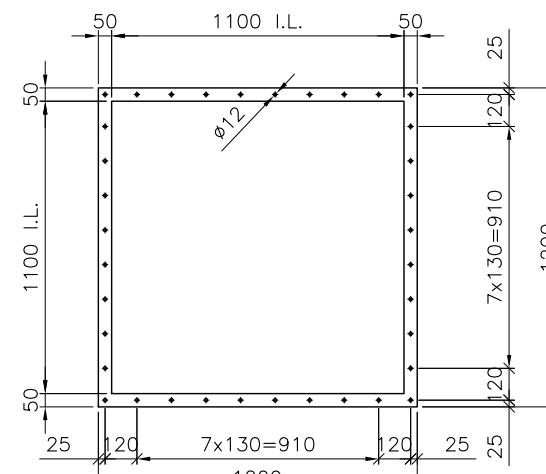
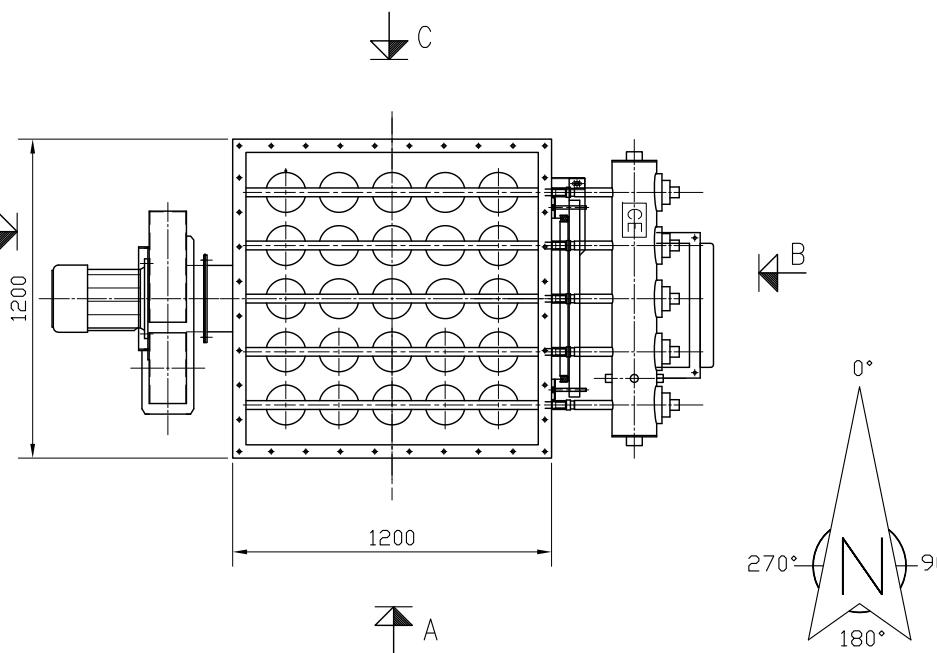
VIEW D-D



VIEW C-0



VIEW B-B



SYLOS FLANGE S1

FILTER LOAD	880 kg
FILTER OVER LOAD (DUST)	80 kg

REV	DATA	DESCRIZIONE REVISIONE	DISEGNATO	CONTROLLATO	VERIFICATO
1	08-09-10	FAN OUTLET MODIFIED	AS	SA	RR
0	24-08-10	FIRST ISSUE	PM	SA	RR

 BOLDRACCCHI ECOLOGIA

BALLESTRA JOB 1E35Z  
BAG FILTER

1

FC

10

## REVISIONE

1

e della SOCIETA'

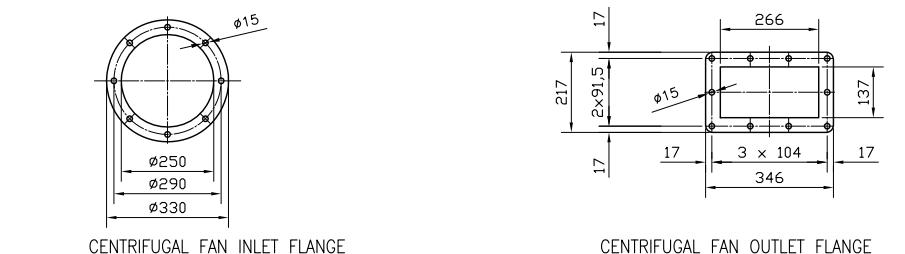
IL PRESENTE DISEGNO non puo' essere riprodotto ne' trasmesso a terzi senza l'autorizzazione della SOCIETA'

IL PRESENTE DISEGNO non puo' essere riprodotto ne trasmesso a terzi senza l'autorizzazione della SOCIETÀ

1	2	3	4	5	6	7	8	9	MARCA	POS.	DESCRIZIONE	N.	MATERIALE	PESO Kg.
									FQ81032-5-FMB5-01/01		BODY FILTER	1	S275 JR	328
									FQ81032-5-FMB5-01/02		MAINTENANCE DOOR	1	S275 JR	43
									FQ81032-5-FMB5-01/03		UPPER DOOR	1	S275 JR	73
									FQ81032-5-FMB5-01/04		UPPER INSPECTION DOOR	1	S275 JR	5
									FQ81032-5-FMB2-01		BASE FRAME	1	S275 JR	80,2
									FQ81032-5-FMH3-01		COLLECTOR	1	S275 JR	
									FQ81032-5-FMH2-01		CAGE	25	S275 JR	
									FQ81032-5-FMH1-01		BAGS FILTER	25	POLYPROPYLEN	

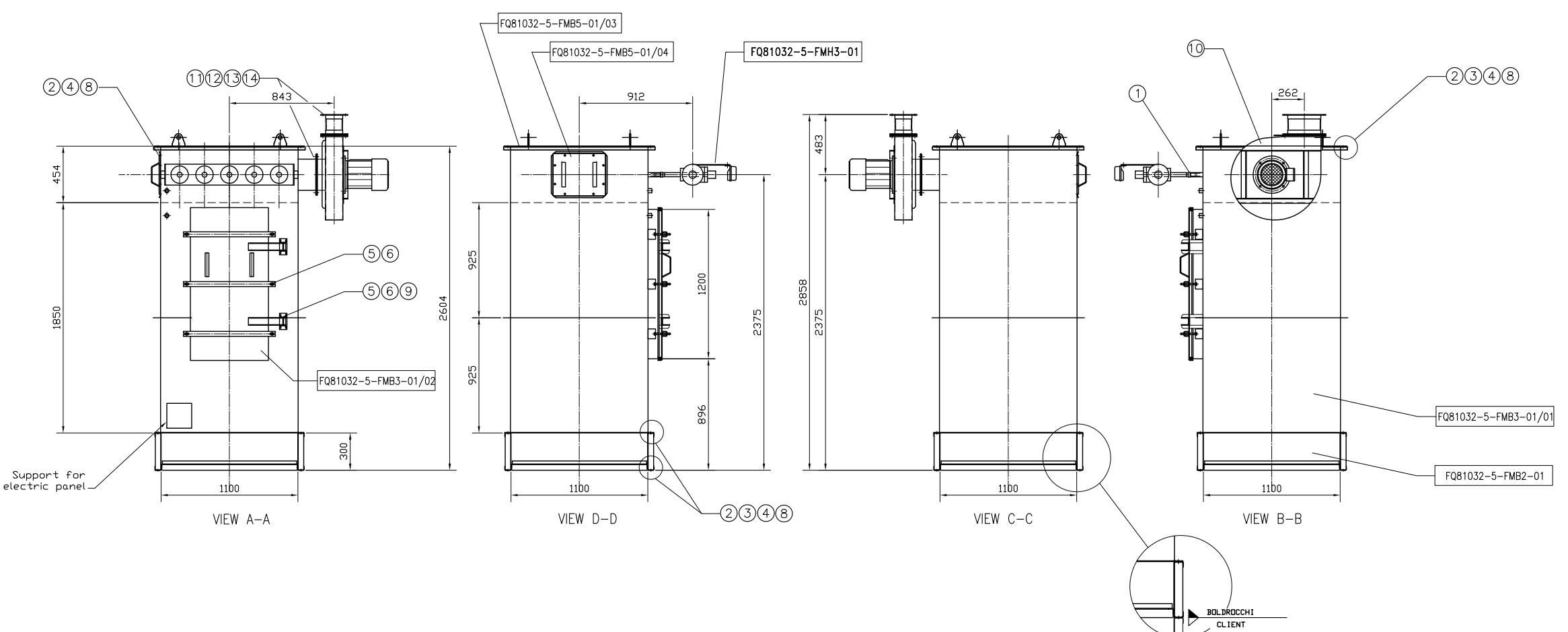
- THE MATERIAL IN THE TABLES IS VALID FOR NR.1 FILTER

POS	Description	Nr.
1	Three pieces joints	5
2	Screw M10x30 ISO 4017 cl 8.8	140
3	Nut M10 ISO 4032 cl.8	132
4	Washer $\phi$ 11 UNI6592 HV 100	272
5	Nut M12 ISO 4032 cl.8	8
6	Washer $\phi$ 13 UNI6592 HV 100	8
7	Gasket 20x15(mousse black) m.	5
8	Gasket 50x5 (fiber glass) m.	19
9	Screw M12x80 ISO 4017 cl 8.8	2
10	centrifugal fan	1
11	Screw M14x40 ISO 4017 cl 8.8	18
12	Nut M14 ISO 4032 cl.8	18
13	Washer $\phi$ 15 UNI6592 HV 100	36
14	Gasket rope $\phi$ 5 (fiber glass) m.	3



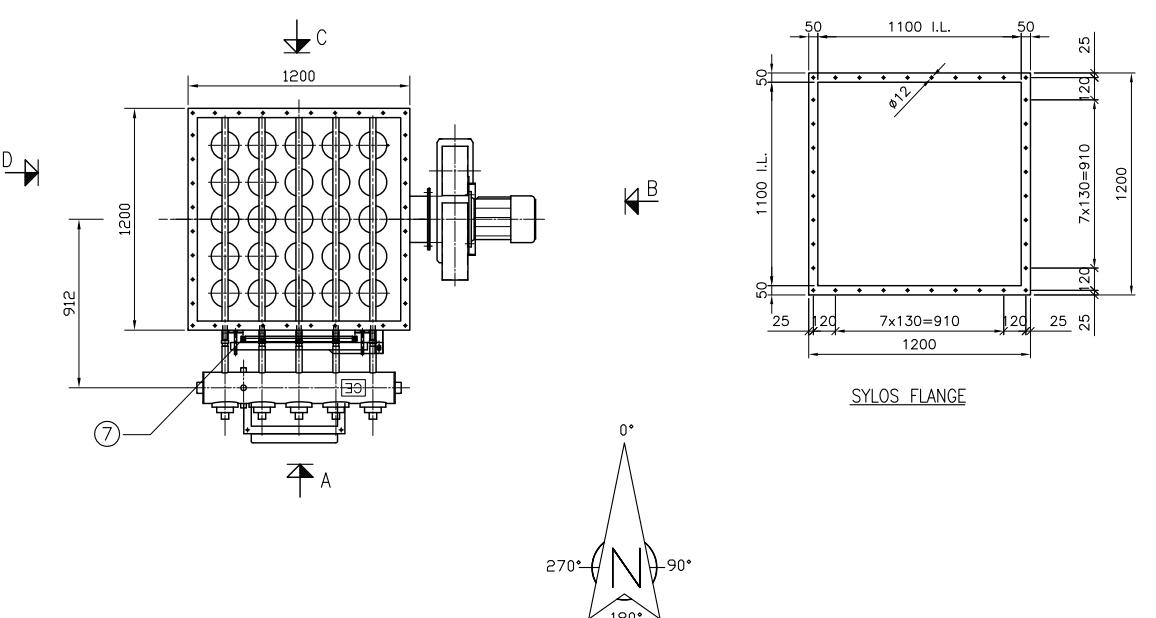
CENTRIFUGAL FAN INLET FLANGE

CENTRIFUGAL FAN OUTLET FLANGE

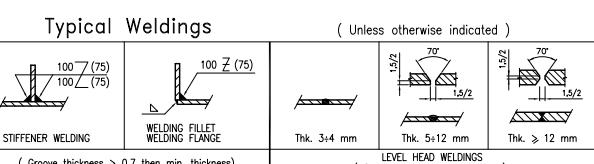
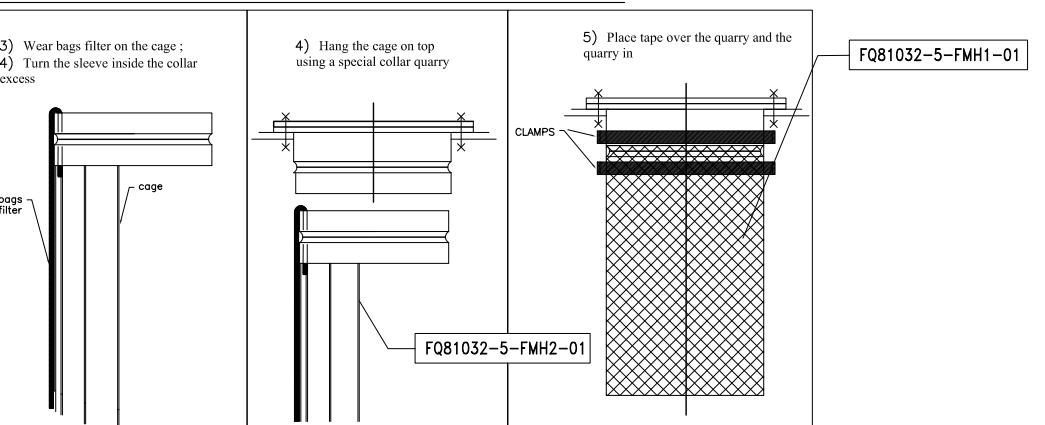


#### NOTES:

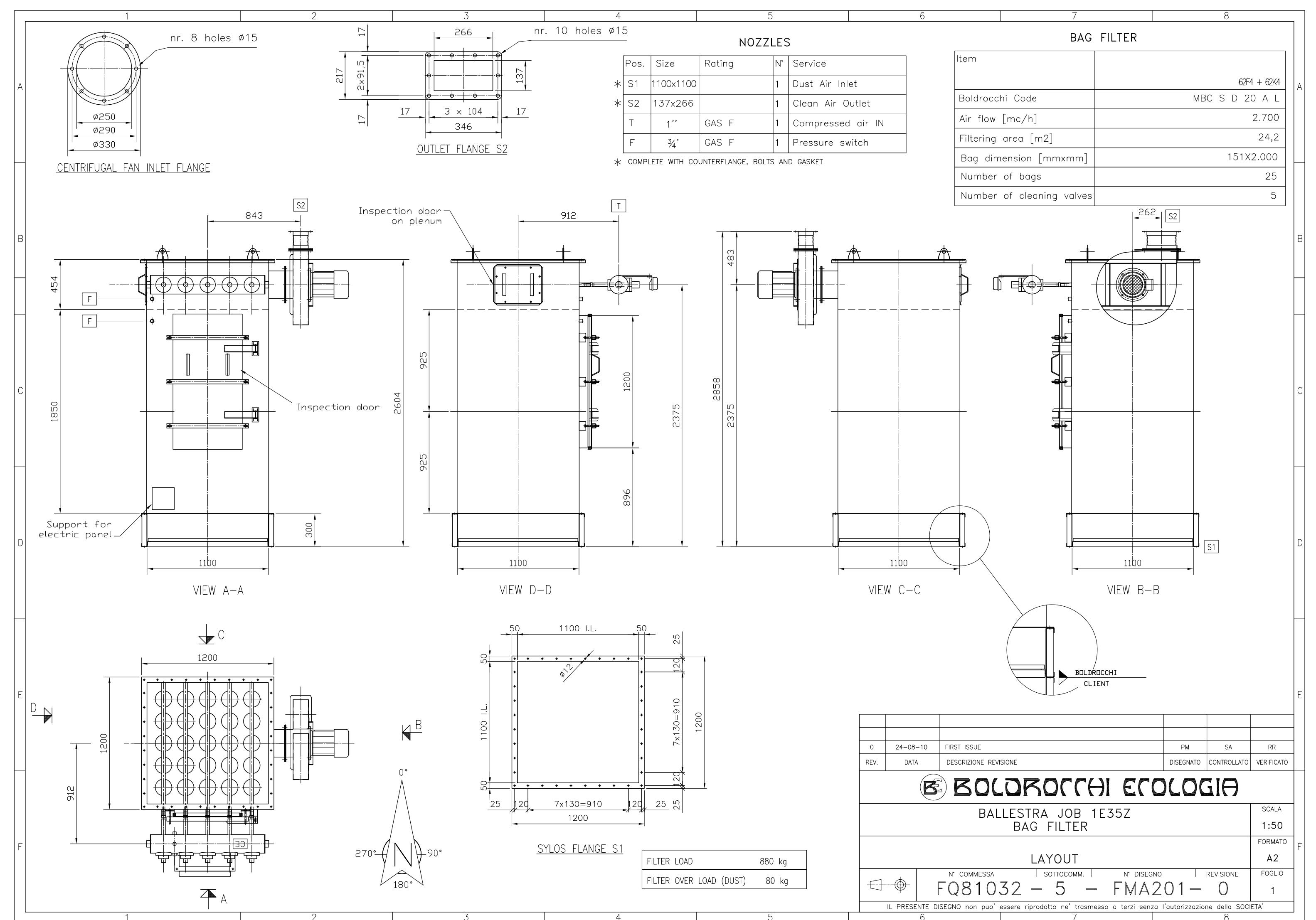
- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE INDICATED
- EACH PIECE SHALL BE MARKED BY IT'S IDENTIFICATION SYMBOL
- PLATE BENDING: internal radius=thickness plate (unless otherwise indicated)
- TOTAL WEIGHT 529,2 Kg
- FOR LAYOUT SEE DRAWING FQ81032-5-FMA2-01



#### ASSEMBLY SEQUENCE CAGE AND BAGS FILTER



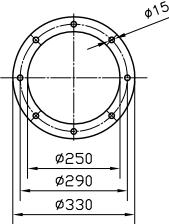
0	01/09/2010	ISSUED FOR CONSTRUCTION	P.M.	S.A.	R.R.
REV.	DATA	DESCRIZIONE REVISIONE	DISEGNATO	CONTROLLATO	VERIFICATO
<b>BOLDROCHI ECOLOGIA</b>					
BALLESTRA JOB 1E35Z					
BAG FILTER ITEM 62F4					
SCALA 1:25					
ERECTION DRAWING					
FORMATO A1					
N° COMMESSA		SOTTOCOMM.	N° DISEGNO	REVISIONE FOGLIO	
FQ81032 - 5 - FMA401 - 0					
IL PRESENTE DISEGNO non puo' essere riprodotto ne' trasmesso a terzi senza l'autorizzazione della SOCIETA'					



MARCA	POS.	DESCRIZIONE	N.	MATERIALE	PESO Kg.
Q81032-6-FMB5-01/01		BODY FILTER	1	S275 JR	328
Q81032-6-FMB5-01/02		MAINTENANCE DOOR	1	S275 JR	43
Q81032-6-FMB5-01/03		UPPER DOOR	1	S275 JR	73
Q81032-6-FMB5-01/04		UPPER INSPECTION DOOR	1	S275 JR	5
FQ81032-6-FMB2-01		BASE FRAME	1	S275 JR	80,2
FQ81032-6-FMH3-01		COLLECTOR	1	S275 JR	
FQ81032-6-FMH2-01		CAGE	25	S275 JR	
FQ81032-6-FMH1-01		BAGS FILTER	25	POLYPROPYLEN	

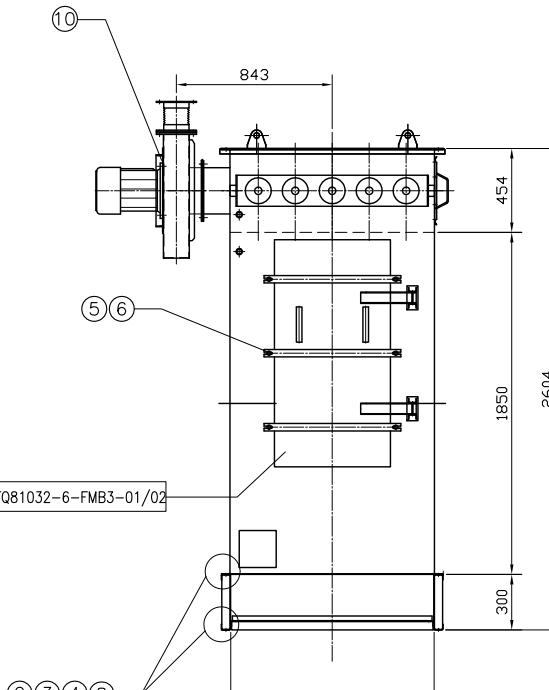
THE MATERIAL IN THE TABLES IS VALID FOR NR.1 FILTER

## CENTRIFUGAL FAN INLET FLANGE

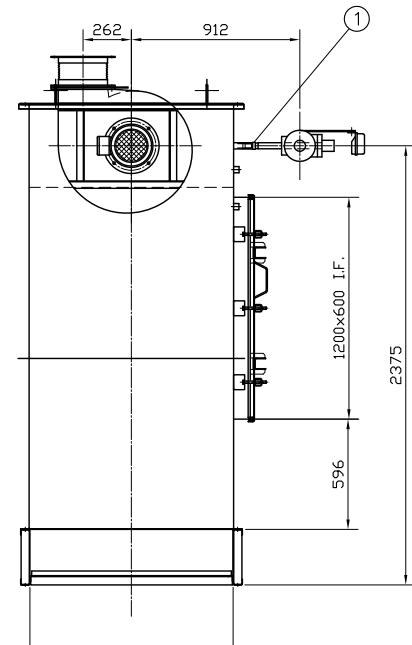


The diagram shows a rectangular frame with various dimensions: total height 17, top horizontal width 266, left vertical height 137, right vertical height 137, bottom horizontal width 346, and a central horizontal section width of 104. A callout indicates a hole diameter of  $\Phi 15$ .

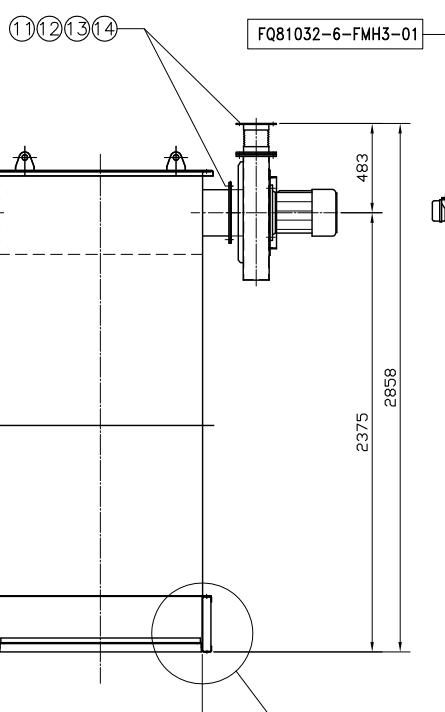
CENTRIFUGAL FAN OUTLET FLANGE



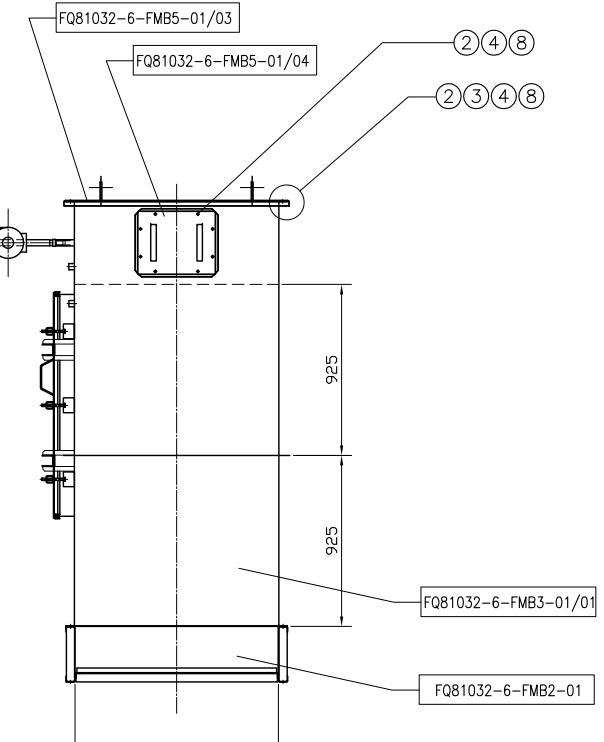
VIEW A-A



VIEW D-D



EW C-C

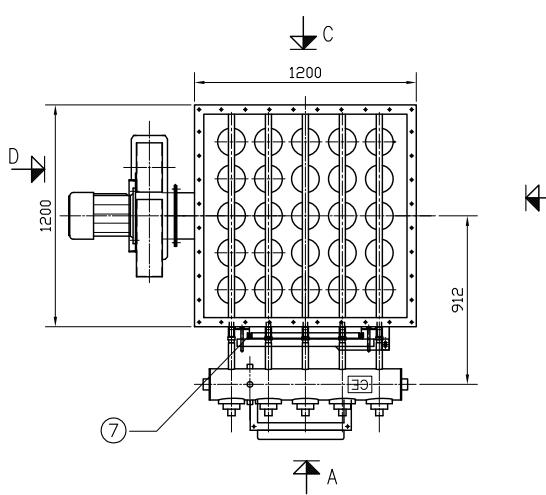


VIEW B-B

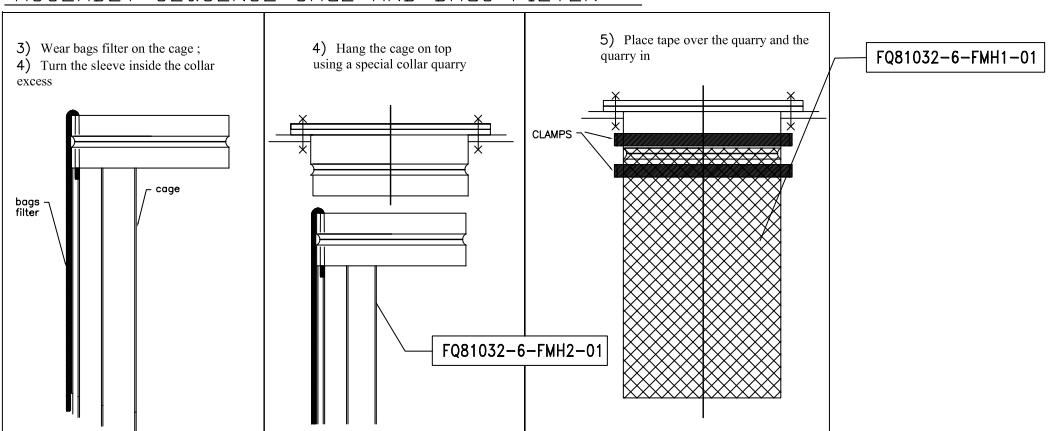
POS	Description	Nr.
1	Three pieces joints	5
2	Screw M10x30 ISO 4017 cl 8.8	140
3	Nut M10 ISO 4032 cl.8	132
4	Washer $\phi$ 11 UNI6592 HV 100	272
5	Nut M12 ISO 4032 cl.8	8
6	Washer $\phi$ 13 UNI6592 HV 100	8
7	Gasket 20x15(mousse black) m.	5
8	Gasket 50x5 (fiber glass) m.	19
9	Screw M12x80 ISO 4017 cl 8.8	2
10	centrifugal fan	1
11	Screw M14x40 ISO 4017 cl 8.8	18
12	Nut M14 ISO 4032 cl.8	18
13	Washer $\phi$ 15 UNI6592 HV 100	36
14	Gasket rope $\phi$ 5 (fiber glass) m.	3

#### NOTES:

- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE INDICATED
  - EACH PIECE SHALL BE MARKED BY IT'S IDENTIFICATION SYMBOL
  - PLATE BENDING: internal radius=thickness plate (unless otherwise indicated)
  - TOTAL WEIGHT 529,2 Kg
  - FOR LAYOUT SEE DRAWING F081032-6-FMA2-Q1

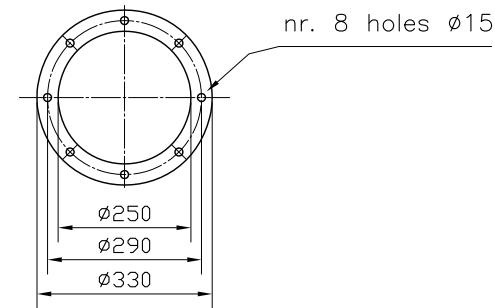


## ASSEMBLY SEQUENCE CAGE AND BAGS FILTER

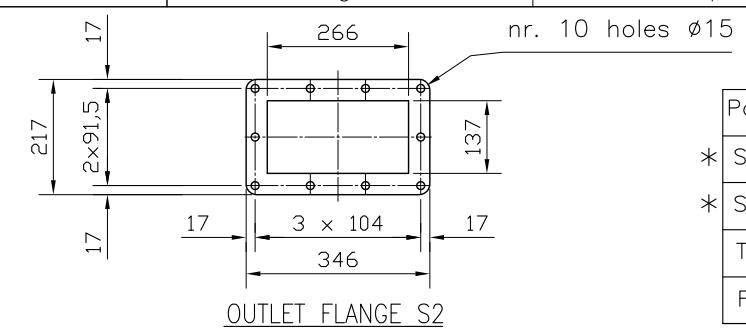


Typical Weldings		( Unless otherwise indicated )		
	STIFFENER WELDING  100 (75) 100 (75)		WELDING FILLET WELDING FLANGE  100 Z (75)	Thk. 3-4 mm
	Thk. 5±12 mm		LEVEL HEAD WELDINGS  1.5/2 7G 1.5/2	Thk. > 12 mm

0	01/09/2010	ISSUED FOR CONSTRUCTION	P.M.	S.A.	R.R.
REV.	DATA	DESCRIZIONE REVISIONE	DISEGNATO	CONTROLLATO	VERIFICATO
 <b>BALDOROCHI ECOLOGIA</b>					
BALLESTRA JOB 1E35Z BAG FILTER ITEM 62F5					SCALA 1:25
ERCTION DRAWING					FORMATO A1
	N° COMMESSA FQ81032 - 6	SOTTOCOMM. -	N° DISEGNO FMA401 - 0	REVISIONE 0	FOGLIO



CENTRIFUGAL FAN INLET FLANGE



OUTLET FLANGE S2

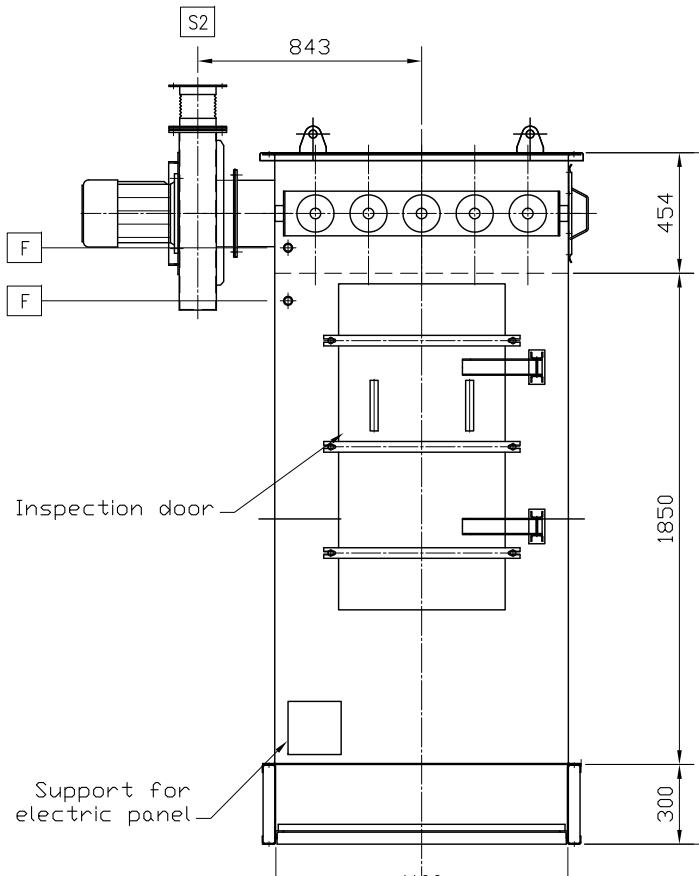
### NOZZLES

Pos.	Size	Rating	N°	Service
* S1	1100x1100		1	Dust Air Inlet
* S2	137x266		1	Clean Air Outlet
T	1"	GAS F	1	Compressed air IN
F	¾"	GAS F	1	Pressure switch

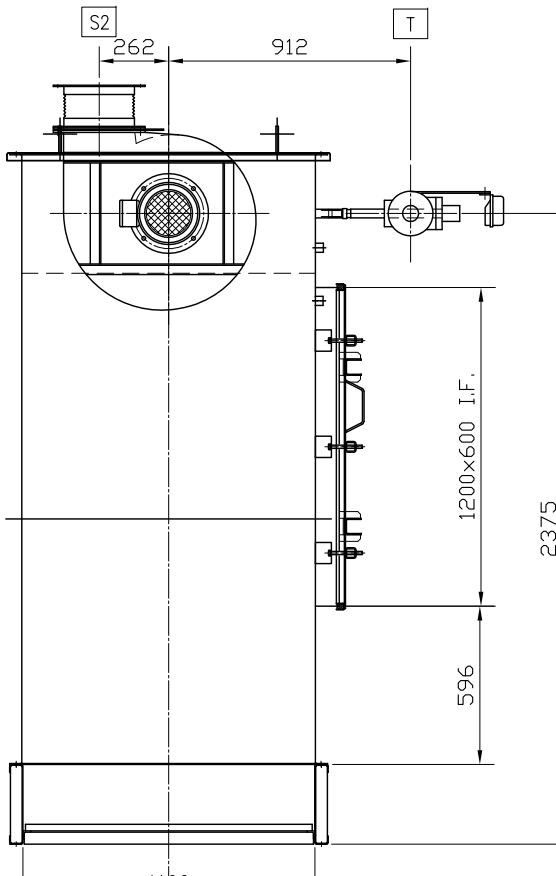
\* COMPLETE WITH COUNTERFLANGE, BOLTS AND GASKET

### BAG FILTER

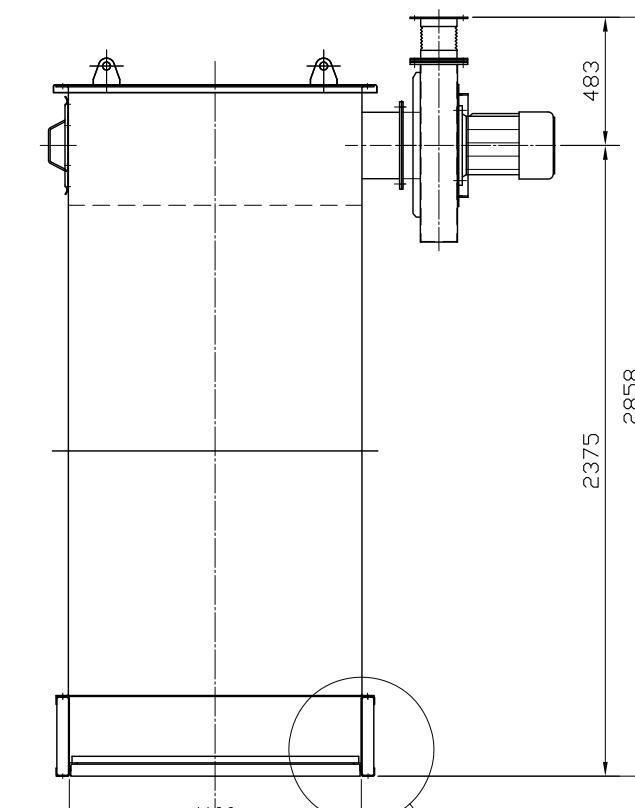
Item	62F5 + 62K5
Boldroccchi Code	MBC S D 20 A L
Air flow [mc/h]	2.700
Filtering area [m <sup>2</sup> ]	24,2
Bag dimension [mmxmm]	151X2.000
Number of bags	25
Number of cleaning valves	5



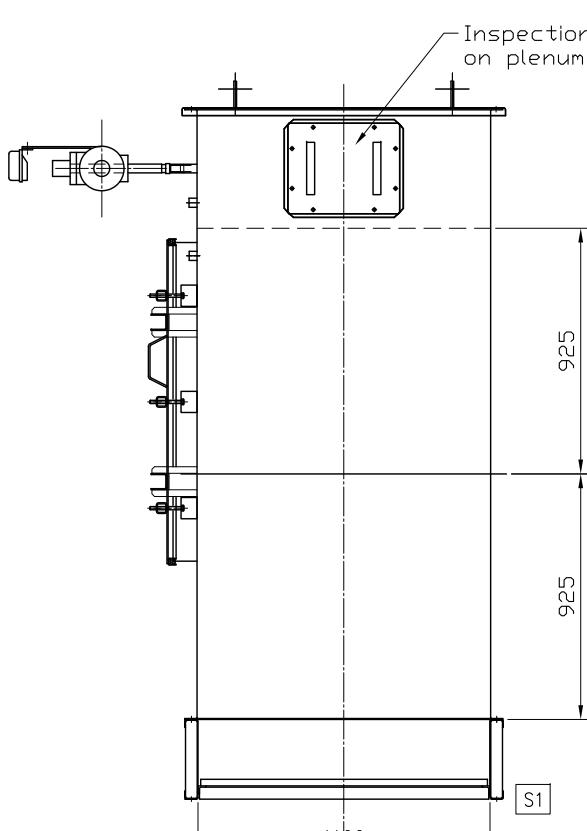
VIEW A-A



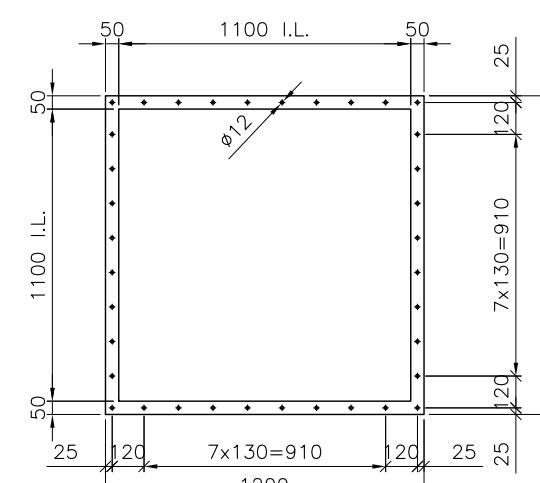
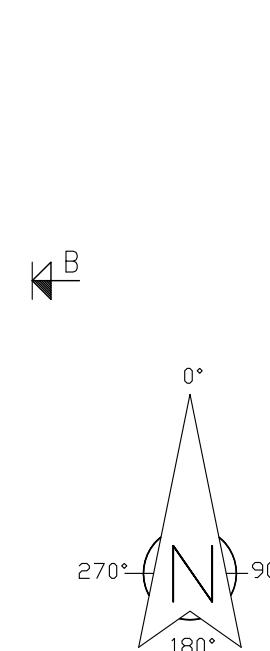
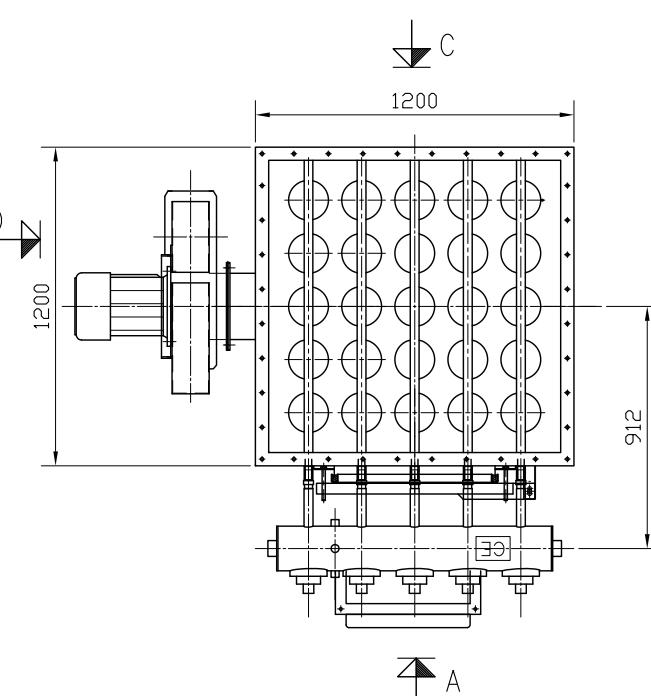
VIEW D-D



VIEW C-C



VIEW B-B



SYLOS FLANGE S1

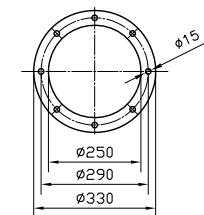
FILTER LOAD	880 kg
FILTER OVER LOAD (DUST)	80 kg

0	25-08-10	FIRST ISSUE	PM	SA	RR
REV.	DATA	DESCRIZIONE REVISIONE	DISEGNATO	CONTROLLATO	VERIFICATO
<b>BOLDROCCCHI ECOLOGIA</b> <b>BALLESTRA JOB 1E35Z</b> <b>BAG FILTER</b>					
LAYOUT			SCALA 1:50		
N° COMMESSA FQ81032 - 6 - FMA201 - 0			FORMATO A2		
SOTTOCOMM.			REVISIONE FOGLIO 1		
IL PRESENTE DISEGNO non puo' essere riprodotto ne' trasmesso a terzi senza l'autorizzazione della SOCIETA'					

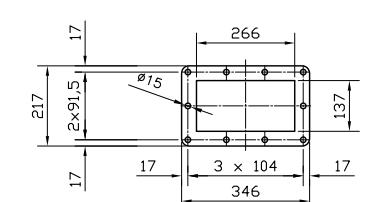
1	2	3	4	5	6	7	8	9	MARCA	POS.	DESCRIZIONE	N.	MATERIALE	PESO Kg.
									F081032-7-FMB5-01/01		BODY FILTER	1	S275 JR	328
									F081032-7-FMB5-01/02		MAINTENANCE DOOR	1	S275 JR	43
									F081032-7-FMB5-01/03		UPPER DOOR	1	S275 JR	73
									F081032-7-FMB5-01/04		UPPER INSPECTION DOOR	1	S275 JR	5
									FQ81032-7-FMB2-01		BASE FRAME	1	S275 JR	80,2
									FQ81032-7-FMH3-01		COLLECTOR	1	S275 JR	
									FQ81032-7-FMH2-01		CAGE	25	S275 JR	
									FQ81032-7-FMH1-01		BAGS FILTER	25	POLYPROPYLEN	

- THE MATERIAL IN THE TABLES IS VALID FOR NR.1 FILTER

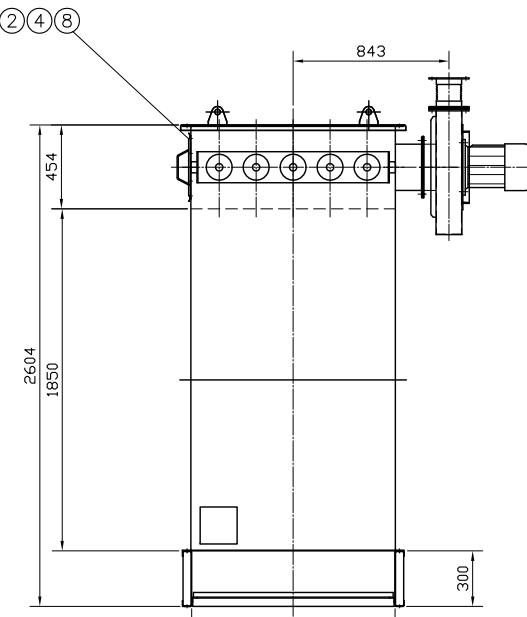
POS	Description	Nr.
1	Three pieces joints	5
2	Screw M10x30 ISO 4017 cl 8.8	140
3	Nut M10 ISO 4032 cl.8	132
4	Washer $\phi$ 11 UNI6592 HV 100	272
5	Nut M12 ISO 4032 cl.8	8
6	Washer $\phi$ 13 UNI6592 HV 100	8
7	Gasket 20x15(mousse black) m.	5
8	Gasket 50x5 (fiber glass) m.	19
9	Screw M12x80 ISO 4017 cl 8.8	2
10	centrifugal fan	1
11	Screw M14x40 ISO 4017 cl 8.8	18
12	Nut M14 ISO 4032 cl.8	18
13	Washer $\phi$ 15 UNI6592 HV 100	36
14	Gasket rope $\phi$ 5 (fiber glass) m.	3



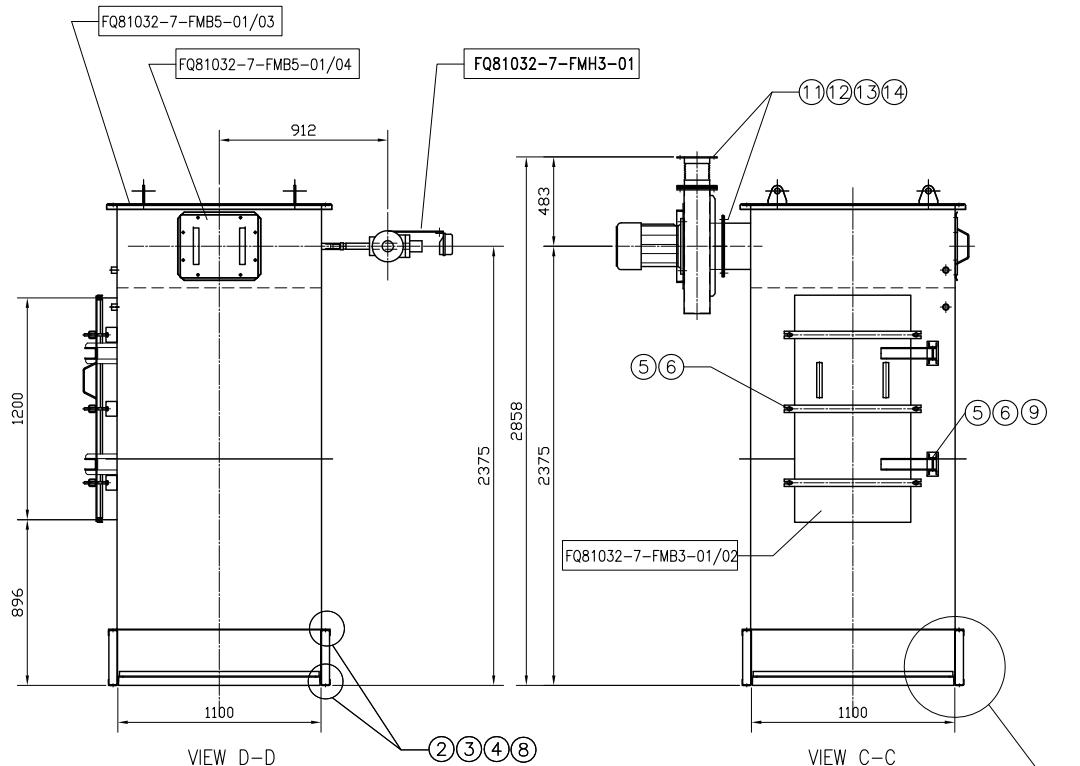
CENTRIFUGAL FAN INLET FLANGE



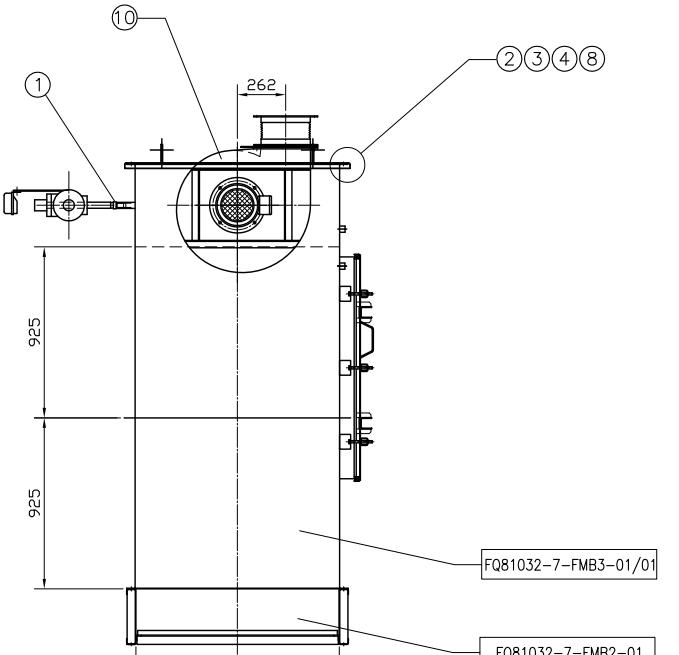
CENTRIFUGAL FAN OUTLET FLANGE



VIEW A-A

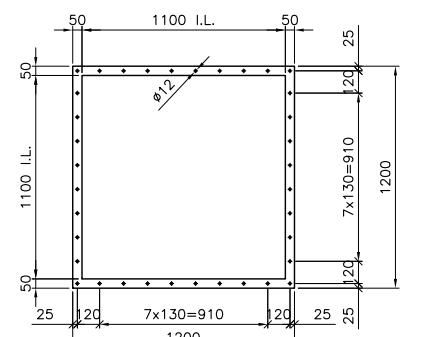
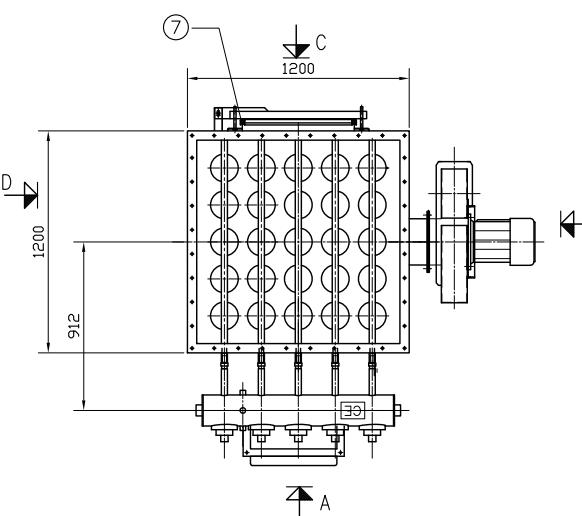


VIEW D-D

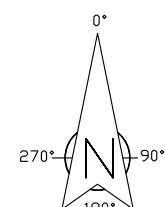


VIEW C-C

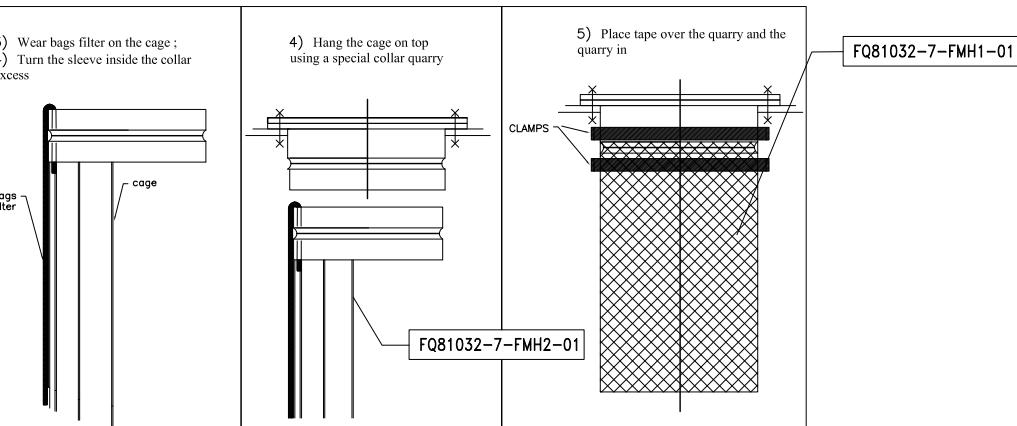
VIEW B-B



SYLOS FLANGE



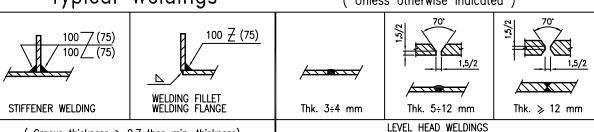
ASSEMBLY SEQUENCE CAGE AND BAGS FILTER



#### NOTES:

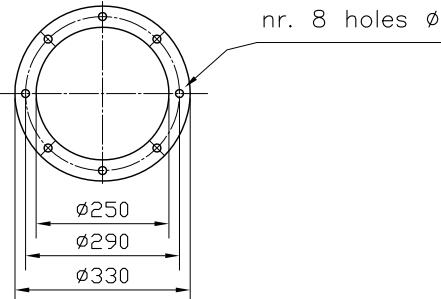
- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE INDICATED
- EACH PIECE SHALL BE MARKED BY IT'S IDENTIFICATION SYMBOL
- PLATE BENDING: internal radius=thickness plate (unless otherwise indicated)
- TOTAL WEIGHT 529,2 Kg
- FOR LAYOUT SEE DRAWING FQ81032-7-FMA2-01

#### Typical Weldings

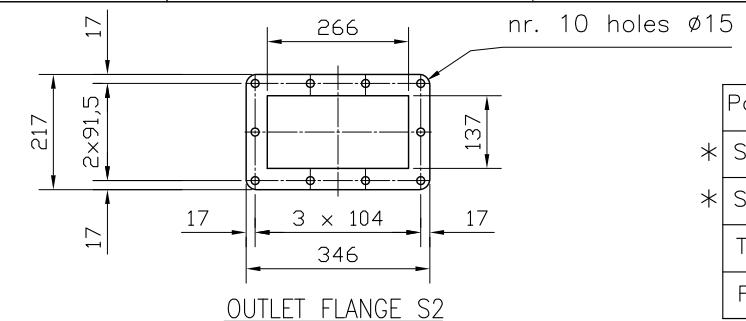


0	01/09/2010	ISSUED FOR CONSTRUCTION	P.M.	S.A.	R.R.
REV.	DATA	DESCRIZIONE REVISIONE	DISEGNATO	CONTROLLATO	VERIFICATO
<b>BOLDOROCCHI ECOLOGIA</b>					
BALESTRA JOB 1E35Z BAG FILTER ITEM 65F2					
ERCTION DRAWING					
FORMATO	SCALA 1:25				
N° COMMESSA	SOTTOCOMM.	N° DISEGNO	FOGLIO		
FQ81032 - 7 - FMA401 - 0					

IL PRESENTE DISEGNO non puo' essere riprodotto ne' trasmesso a terzi senza l'autorizzazione della SOCIETA'



## CENTRIFUGAL FAN INLET FLANGE



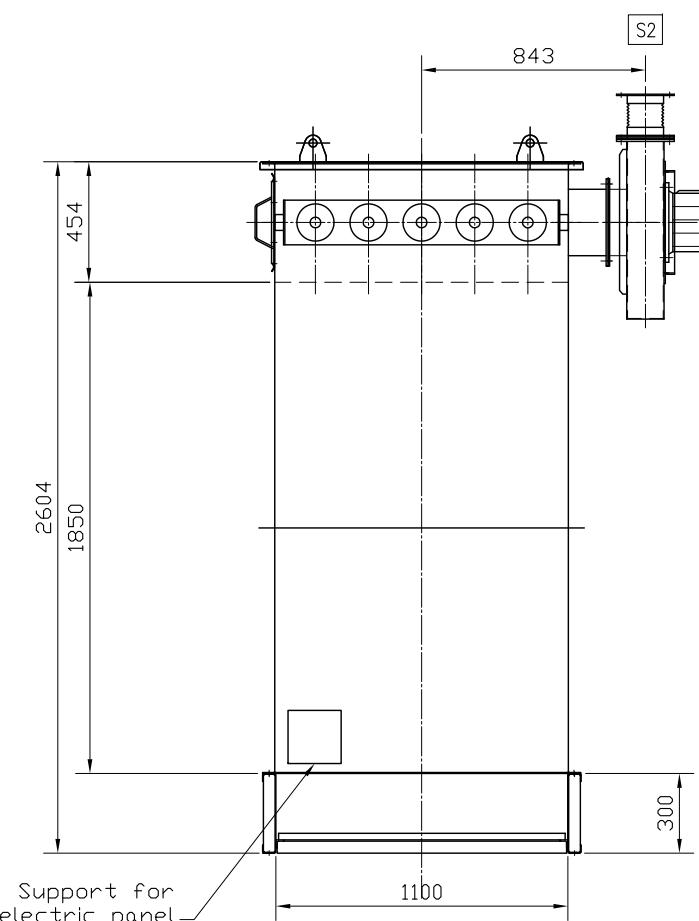
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NOZZLE

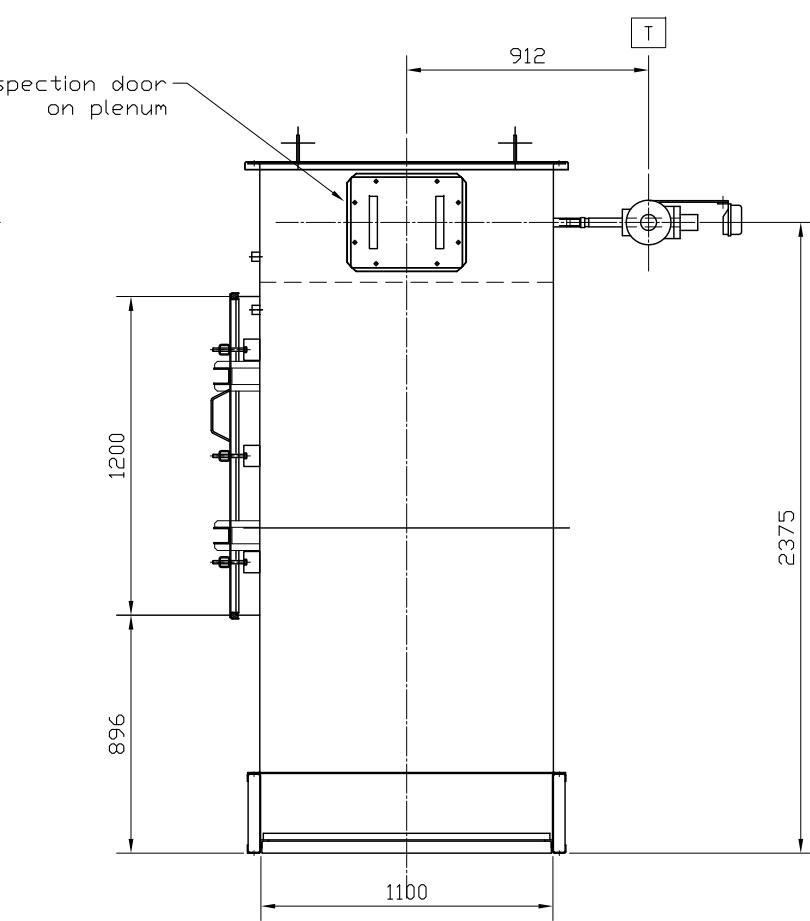
Pos.	Size	Rating	N°	Service
*	S1	1100x1100	1	Dust Air Inlet
*	S2	137x266	1	Clean Air Outlet
T	1"	GAS F	1	Compressed air IN
F	¾'	GAS F	1	Pressure switch

\* COMPLETE WITH COUNTERFLANGE, BOLTS AND GASKET

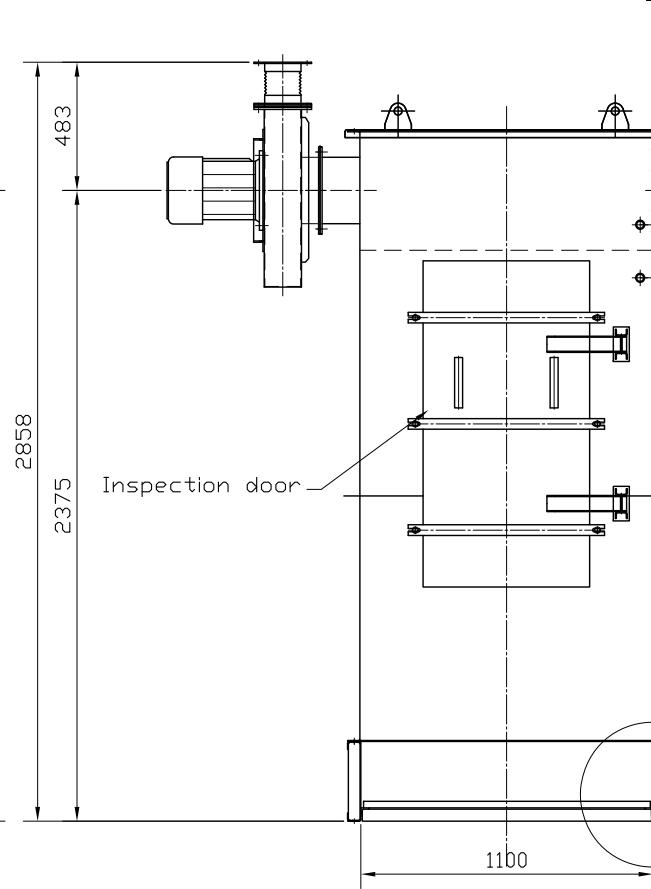
Item	65F2 + 65K2
Boldrocchi Code	MBC S D 20 A L
Air flow [mc/h]	2.700
Filtering area [m2]	24,2
Bag dimension [mmxmm]	151X2.000
Number of bags	25
Number of cleaning valves	5



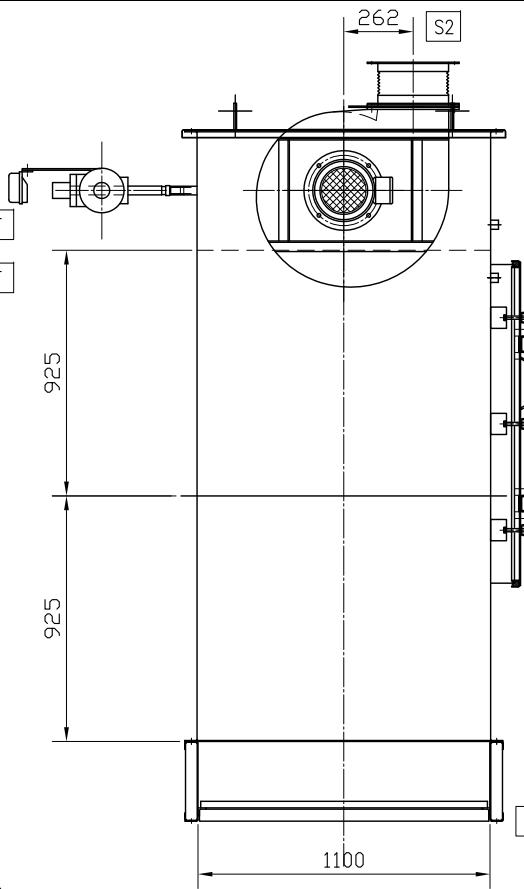
VIEW A-



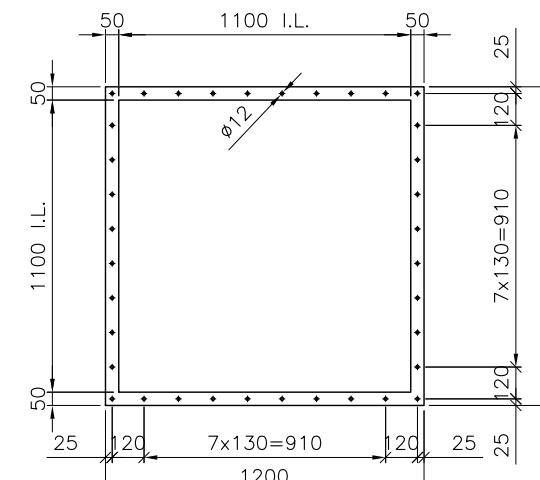
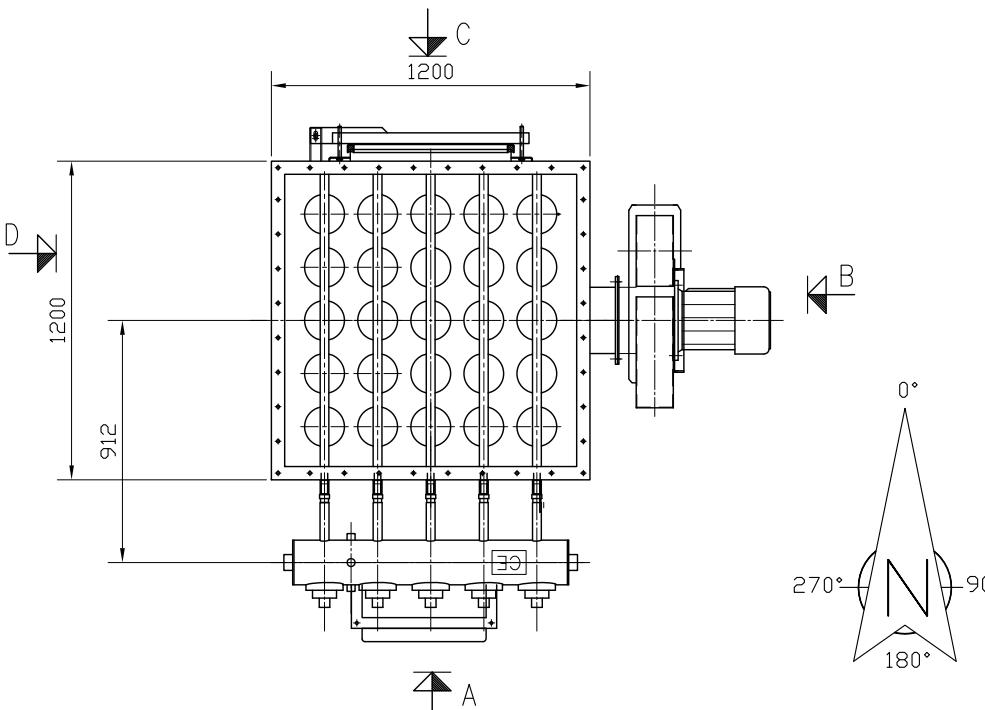
VIEW D-D



VIEW C-



VIEW B-B



SYLOS FLANGE S

FILTER LOAD	880 kg
FILTER OVER LOAD (DUST)	80 kg

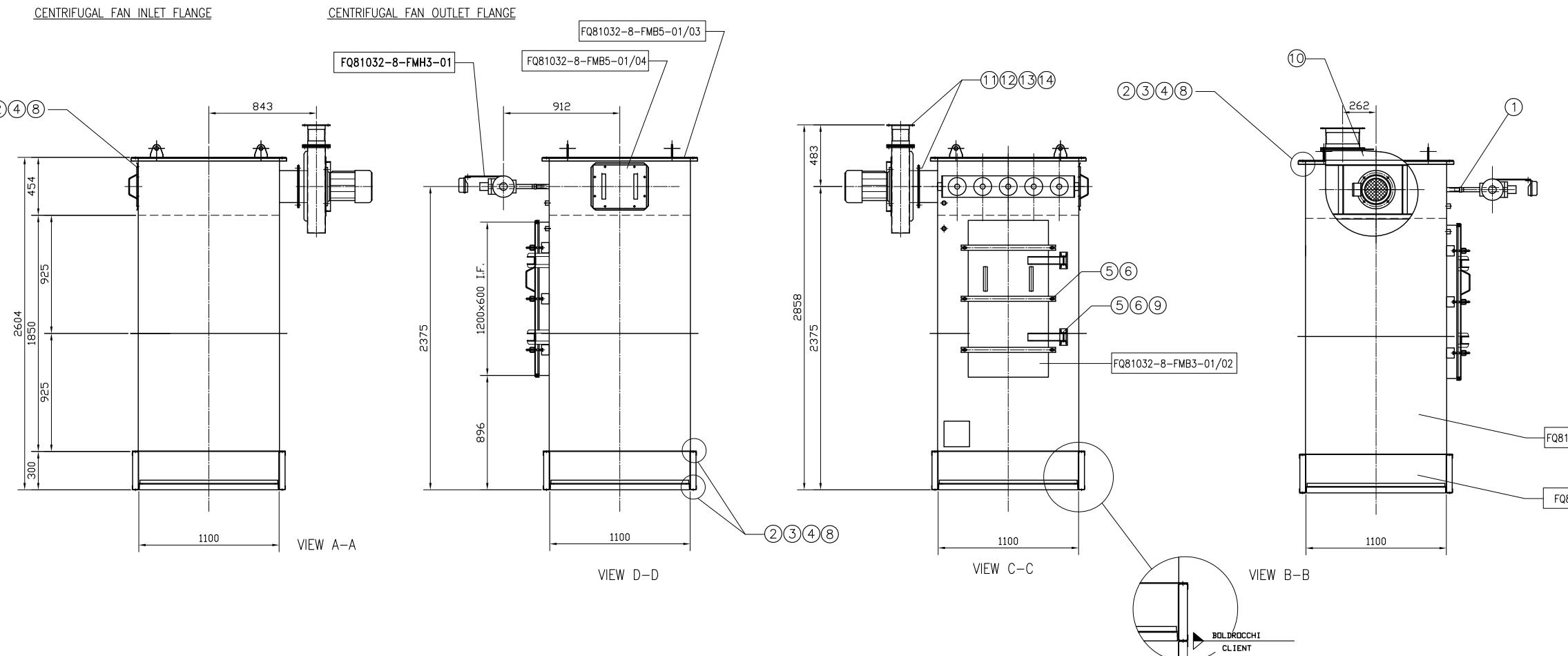
0	25-08-10	FIRST ISSUE	PM	SA	RR
REV.	DATA	DESCRIZIONE REVISIONE	DISEGNATO	CONTROLLATO	VERIFICATO
 <b>BALDOROCCHI ECOLOGIA</b>					
<b>BALLESTRA JOB 1E35Z</b> <b>BAG FILTER</b>					
SCALA 1:50					
FORMATO A2					
LAYOUT					
	N° COMMESSA	SOTTOCOMM.	N° DISEGNO	REVISIONE	FOGLIO
					1
<b>FQ81032 - 7 - FMA201 - 0</b>					
IL PRESENTE DISEGNO non puo' essere riprodotto ne' trasmesso a terzi senza l'autorizzazione della SOCIETA'					

IL PRESENTE DISEGNO non puo' essere riprodotto ne' trasmesso a terzi senza l'autorizzazione della SOCIETA'

1	2	3	4	5	6	7	8	9	10	11	12
A											
CENTRIFUGAL FAN INLET FLANGE		CENTRIFUGAL FAN OUTLET FLANGE									
VIEW A-A		VIEW D-D		VIEW C-C		VIEW B-B					
SYLOS FLANGE											

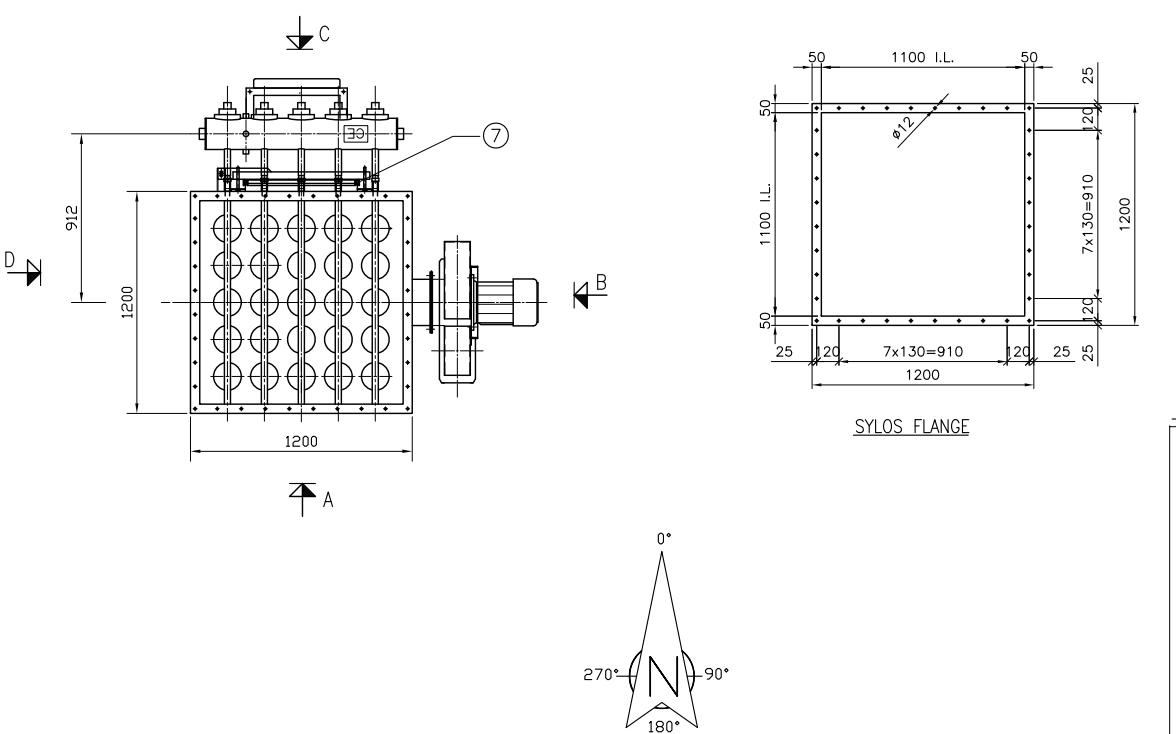
- THE MATERIAL IN THE TABLES IS VALID FOR NR.1 FILTER

POS	Description	Nr.
1	Three pieces joints	5
2	Screw M10x30 ISO 4017 cl 8.8	140
3	Nut M10 ISO 4032 cl.8	132
4	Washer $\phi$ 11 UNI6592 HV 100	272
5	Nut M12 ISO 4032 cl.8	8
6	Washer $\phi$ 13 UNI6592 HV 100	8
7	Gasket 20x15(mousse black) m.	5
8	Gasket 50x5 (fiber glass) m.	19
9	Screw M12x80 ISO 4017 cl 8.8	2
10	centrifugal fan	1
11	Screw M14x40 ISO 4017 cl 8.8	18
12	Nut M14 ISO 4032 cl.8	18
13	Washer $\phi$ 15 UNI6592 HV 100	36
14	Gasket rope $\phi$ 5 (fiber glass) m.	3

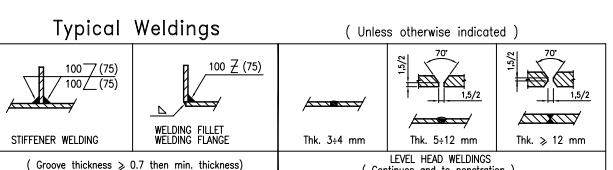
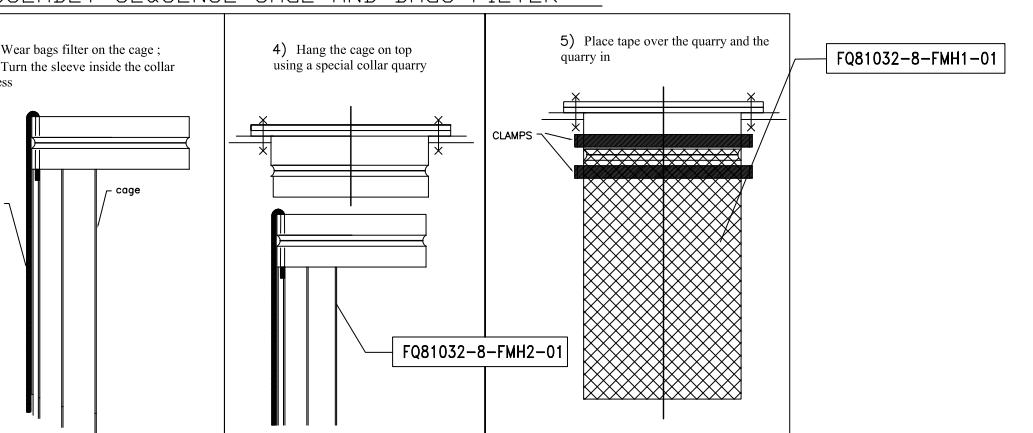


#### NOTES:

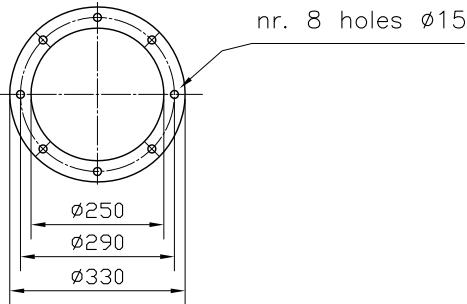
- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE INDICATED
- EACH PIECE SHALL BE MARKED BY IT'S IDENTIFICATION SYMBOL
- PLATE BENDING: internal radius=thickness plate (unless otherwise indicated)
- TOTAL WEIGHT 529,2 Kg
- FOR LAYOUT SEE DRAWING FQ81032-8-FMA2-01



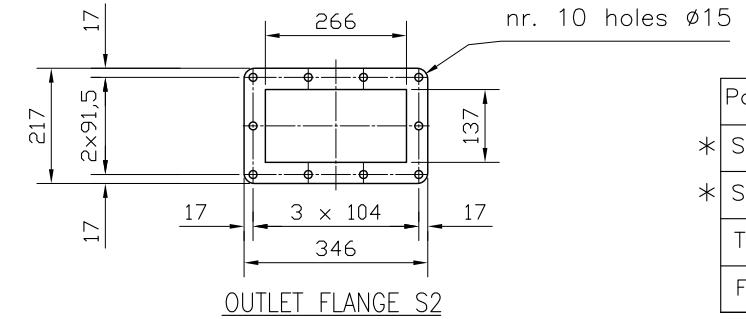
#### ASSEMBLY SEQUENCE CAGE AND BAGS FILTER



0	01/09/2010	ISSUED FOR CONSTRUCTION	P.M.	S.A.	R.R.
REV.	DATA	DESCRIZIONE REVISIONE	DISEGNATO	CONTROLLATO	VERIFICATO
<b>BOLDRORCHI ECOLOGIA</b>					
BALLESTRA JOB 1E35Z BAG FILTER ITEM 65F9					
ERCTION DRAWING					
FORMATO A1					
N° COMMESSA SOTTOCOMM. N° DISEGNO REVISIONE FOGLIO					
FQ81032 - 8 - FMA401 - 0					
IL PRESENTE DISEGNO non puo' essere riprodotto ne' trasmesso a terzi senza l'autorizzazione della SOCIETA'					



## CENTRIFUGAL FAN INLET FLANGE



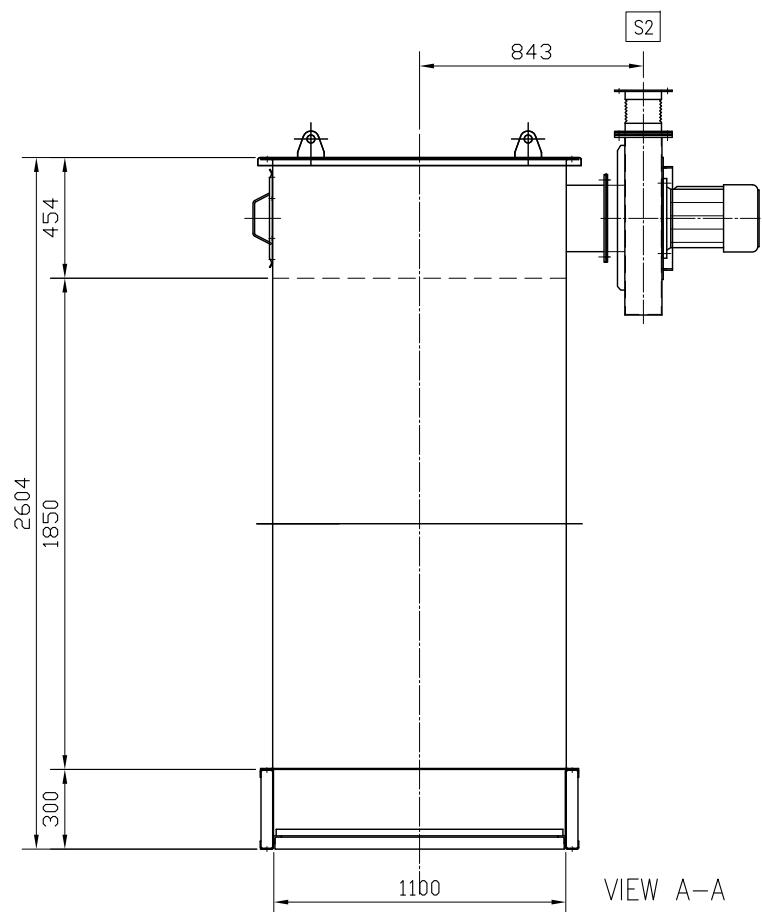
## OUTLET FLANGE S

Pos.	Size	Rating	N°	Service
*	S1	1100x1100	1	Dust Air Inlet
*	S2	137x266	1	Clean Air Outlet
T	1"	GAS F	1	Compressed air IN
F	¾"	GAS F	1	Pressure switch

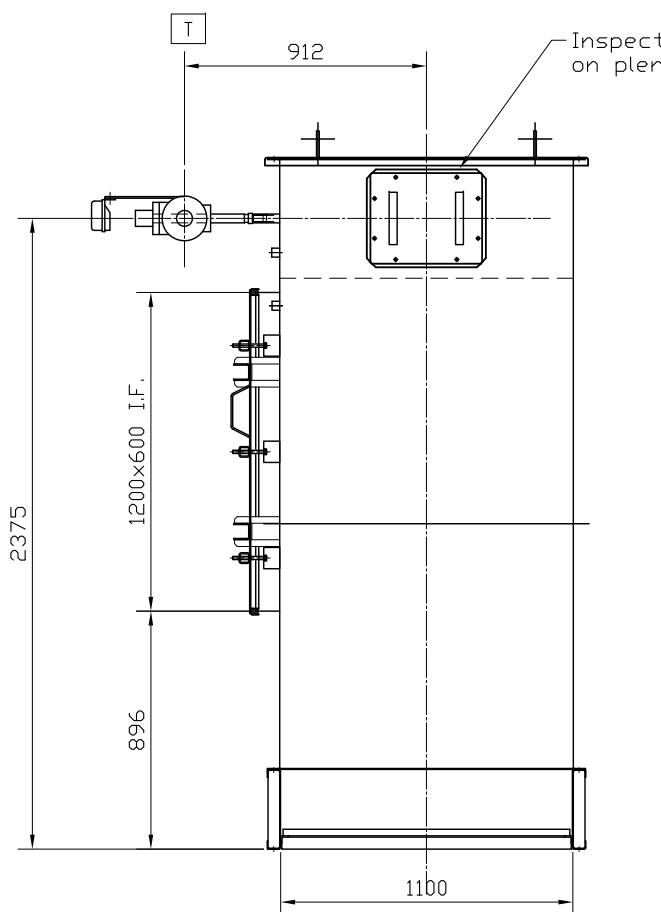
\* COMPLETE WITH COUNTERFLANGE, BOLTS AND GASKETS

## NOZZLE

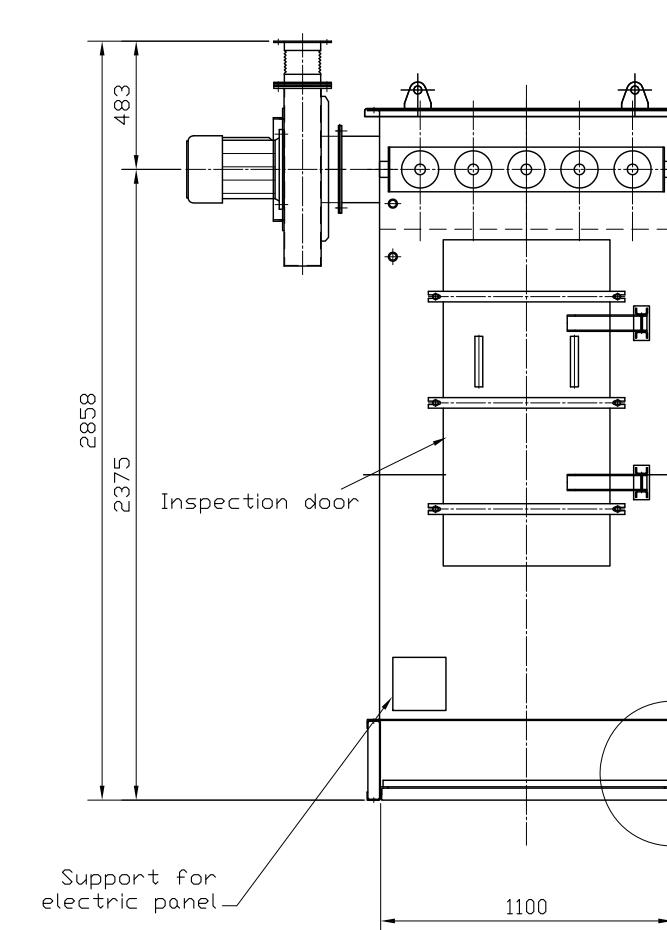
Item	64F3 + 64K5
Boldrocchi Code	MBC S D 20 A L
Air flow [mc/h]	2.700
Filtering area [m2]	24,2
Bag dimension [mmxmm]	151X2.000
Number of bags	25
Number of cleaning valves	5



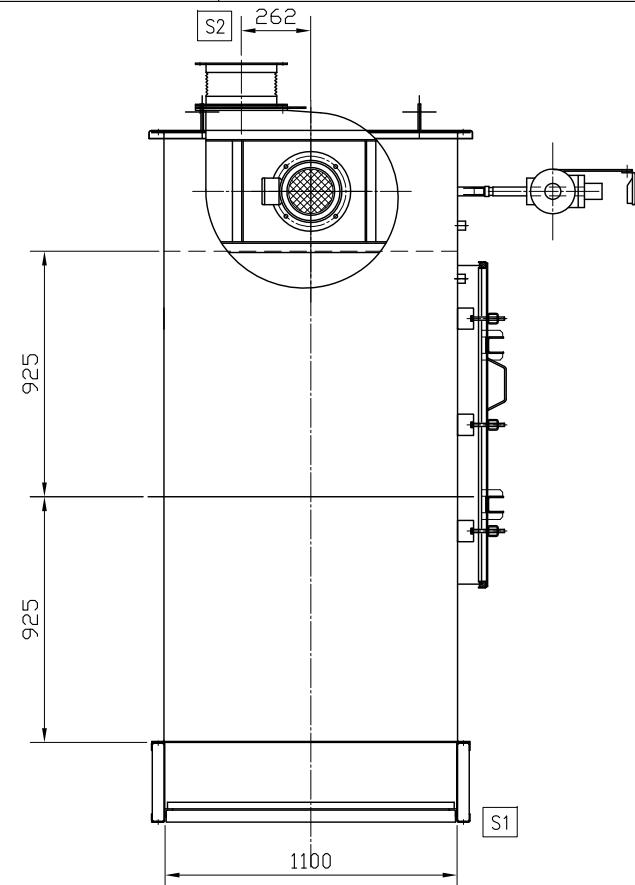
VIEW A-A



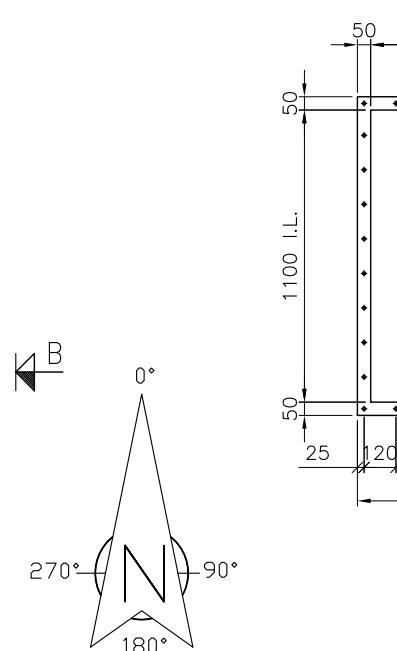
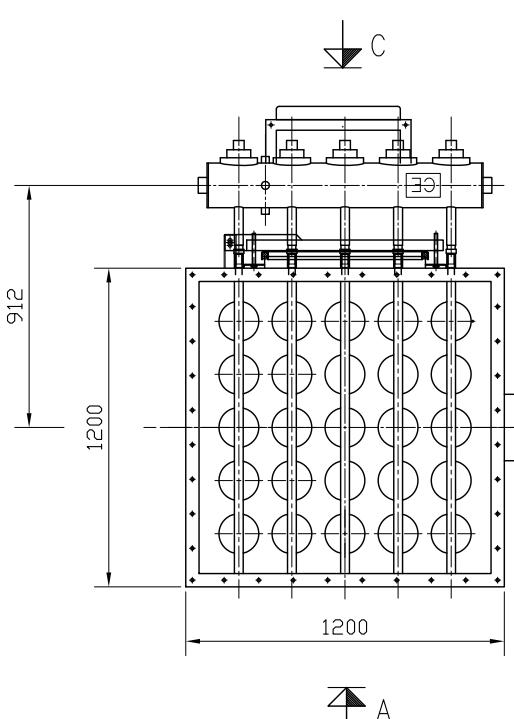
VIEW D-D



VIEW C-0



VIEW B-B

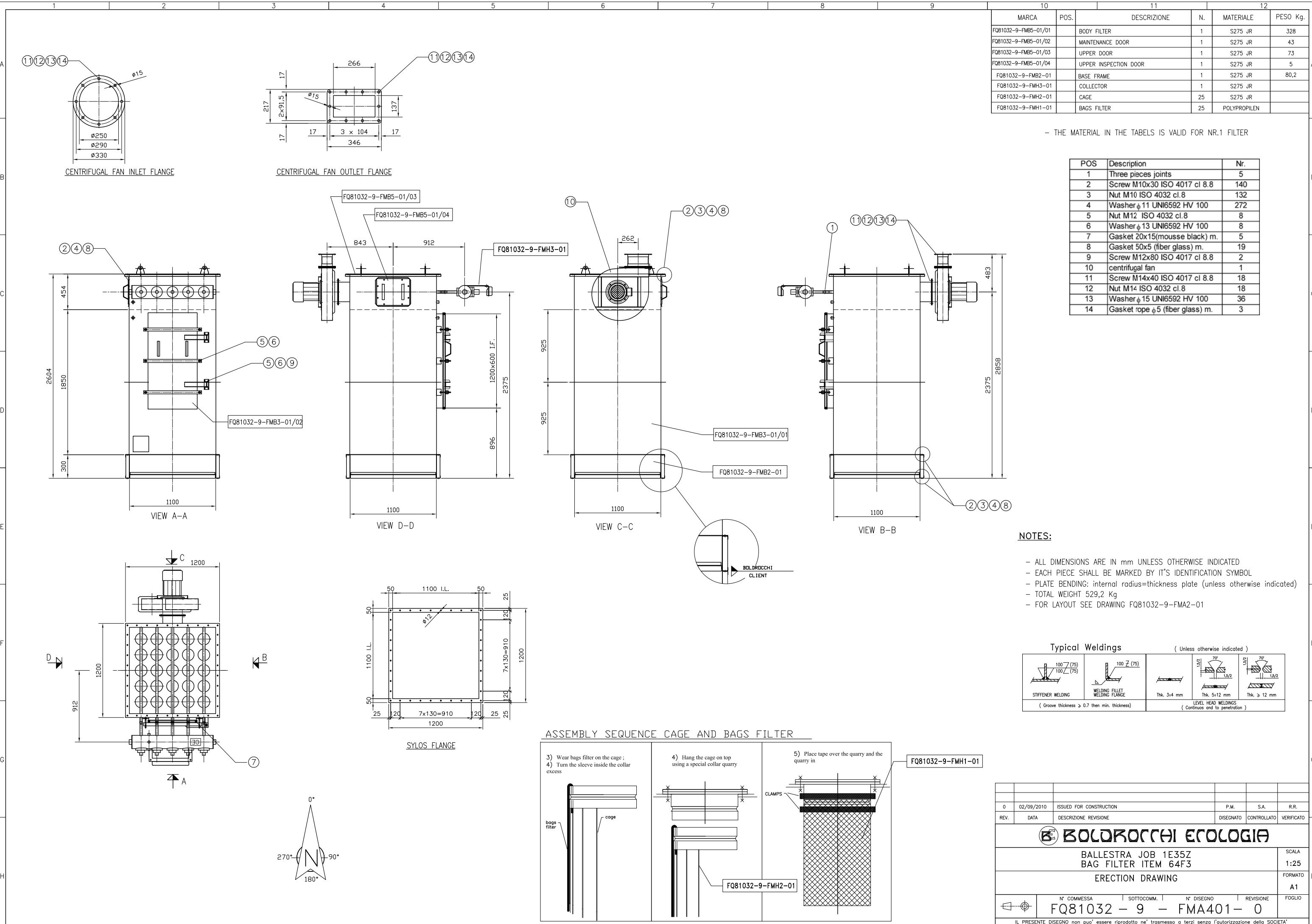


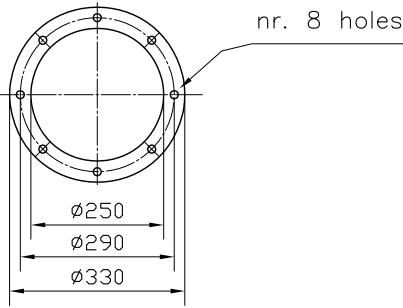
SYLOS FLANGE S

FILTER LOAD	880 kg
FILTER OVER LOAD (DUST)	80 kg

1	07-09-10	FAN OUTLET MODIFIED	AS	SA	RR
0	25-08-10	FIRST ISSUE	PM	SA	RR
REV.	DATA	DESCRIZIONE REVISIONE	DISEGNATO	CONTROLLATO	VERIFICATO
 <b>BALDOROCCHI ECOLOGIA</b>					
BALLESTRA JOB 1E35Z BAG FILTER					SCALA 1:50
LAYOUT					FORMATO A2
	N° COMMESSA	SOTTOCOMM.	N° DISEGNO	REVISIONE	FOGLIO
	FQ81032	- 8 -	FMA201	- 1	1
IL PRESENTE DISEGNO non puo' essere riprodotto ne' trasmesso a terzi senza l'autorizzazione della SOCIETA'					

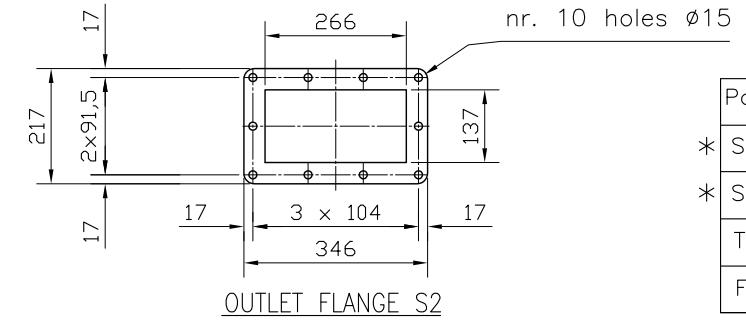
IL PRESENTE DISEGNO non puo' essere riprodotto ne' trasmesso a terzi senza l'autorizzazione della SOCIETA'





## CENTRIFUGAL FAN INLET FLANGE

nr. 8 holes ø15



## OUTLET FLANGE S2

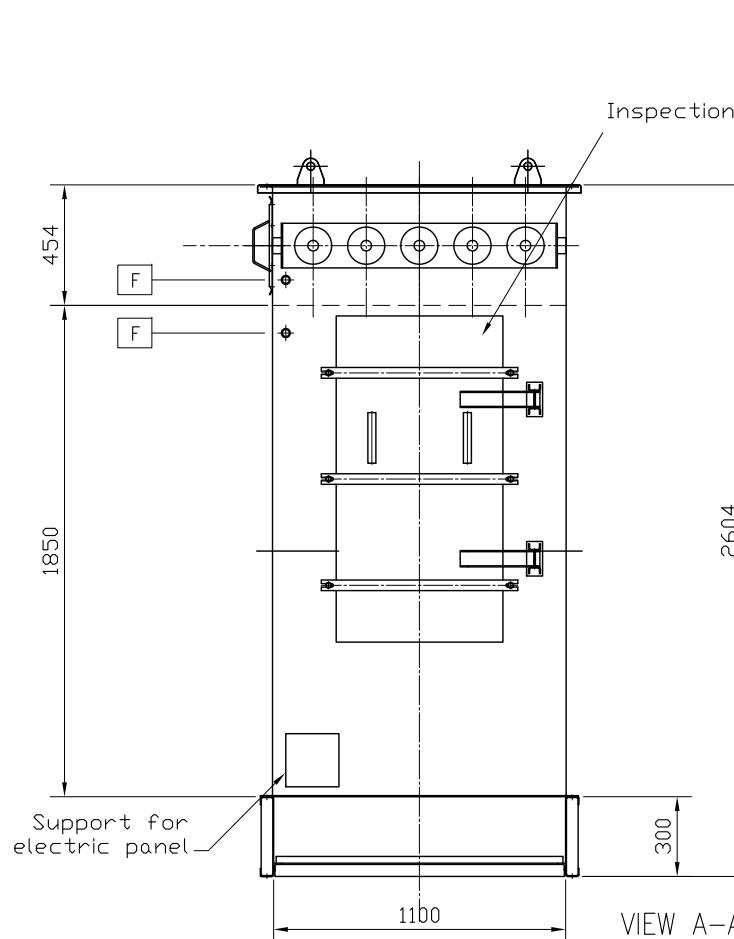
## NOZZLES

Pos.	Size	Rating	N*	Service
*	S1	1100x1100	1	Dust Air Inlet
*	S2	137x266	1	Clean Air Outlet
T	1"	GAS F	1	Compressed air IN
F	¾"	GAS F	1	Pressure switch

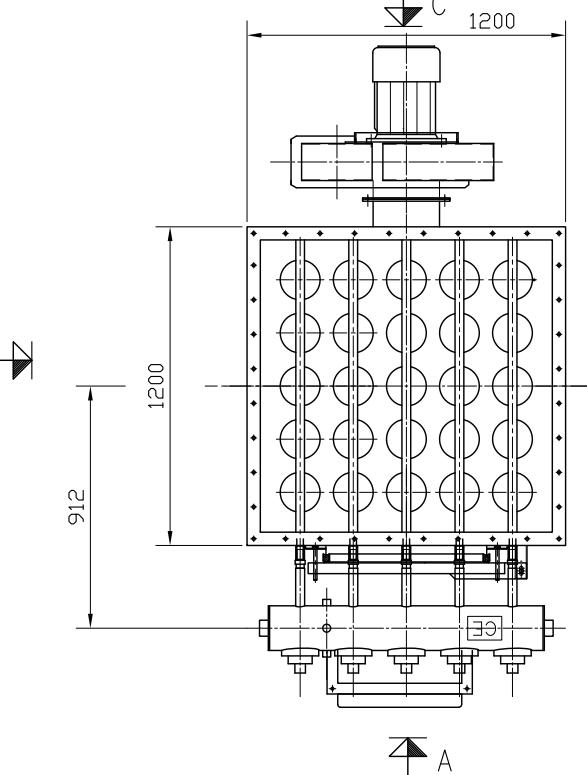
\* COMPLETE WITH COUNTERFLANGE, BOLTS AND GASKET

BAG FILTER

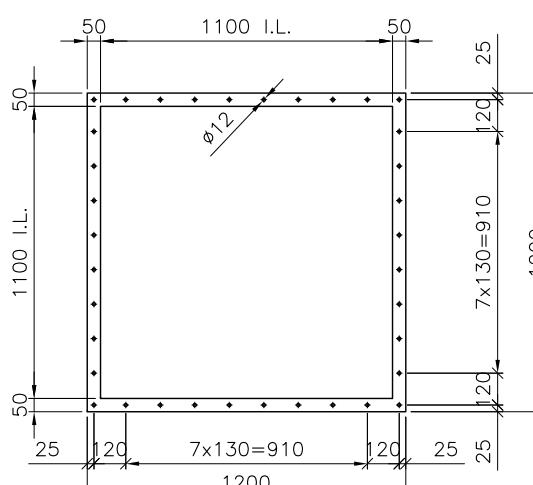
Item	65F9 + 65K4
Boldrocchi Code	MBC S D 20 A L
Air flow [mc/h]	2.700
Filtering area [m2]	24,2
Bag dimension [mmxmm]	151X2.000
Number of bags	25
Number of cleaning valves	5



VIEW A-A



A diagram of a coordinate system with a horizontal axis and a vertical axis. The origin is labeled with a large letter 'N'. The horizontal axis has arrows at both ends. The vertical axis has arrows at both ends. Four reference angles are indicated:  $0^\circ$  at the top vertex,  $90^\circ$  at the right vertex,  $180^\circ$  at the bottom vertex, and  $270^\circ$  at the left vertex.



SYLOS FLANGE S1

FILTER LOAD	880 kg
FILTER OVER LOAD (DUST)	80 kg



**BOLDOROCCHI ECOLOGIA**

BALLESTRA JOB 1E35Z  
BAG FILTER

1

## FORMATO

LAYOUT

SOTTOCOMM.

UT

COMM.

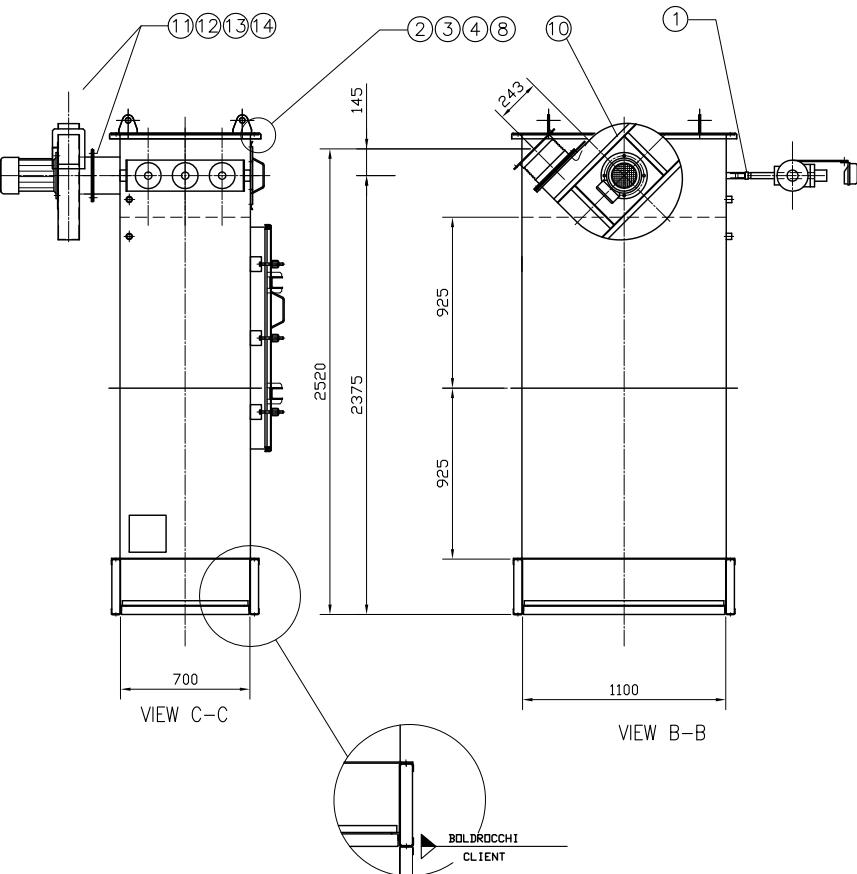
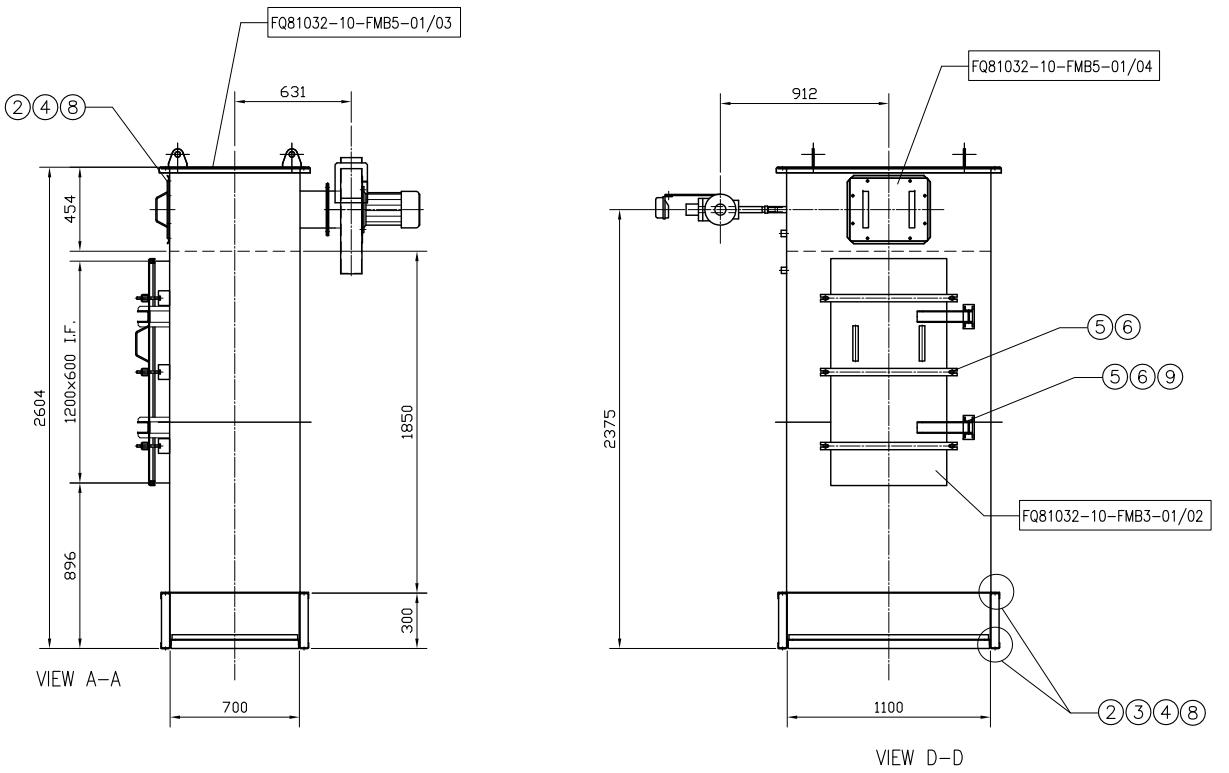
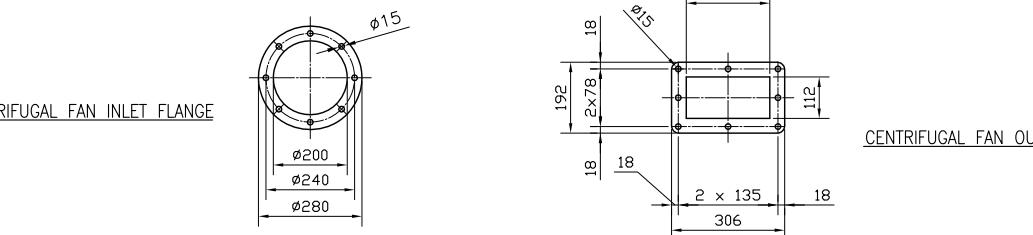
FOGLIO

11 PRESENTE, PISTONI E TUTTI GLI ALTRI SOGGETTI MENTIONATI NELL'INSTRUMENTO DI REFERENZA SONO ESSENTE.

1	2	3	4	5	6	7	8	9	MARCA	POS.	DESCRIZIONE	N.	MATERIALE	PESO Kg.
									FQ81032-10-FMB5-01/01		BODY FILTER	1	S275 JR	253
									FQ81032-10-FMB5-01/02		MAINTENANCE DOOR	1	S275 JR	43
									FQ81032-10-FMB5-01/03		UPPER DOOR	1	S275 JR	43
									FQ81032-10-FMB5-01/04		UPPER INSPECTION DOOR	1	S275 JR	5
									FQ81032-10-FMB2-01		BASE FRAME	1	S275 JR	62,2
									FQ81032-10-FMH3-01		COLLECTOR	1	S275 JR	
									FQ81032-10-FMH2-01		CAGE	15	S275 JR	
									FQ81032-10-FMH1-01		BAGS FILTER	15	POLYPROPYLEN	

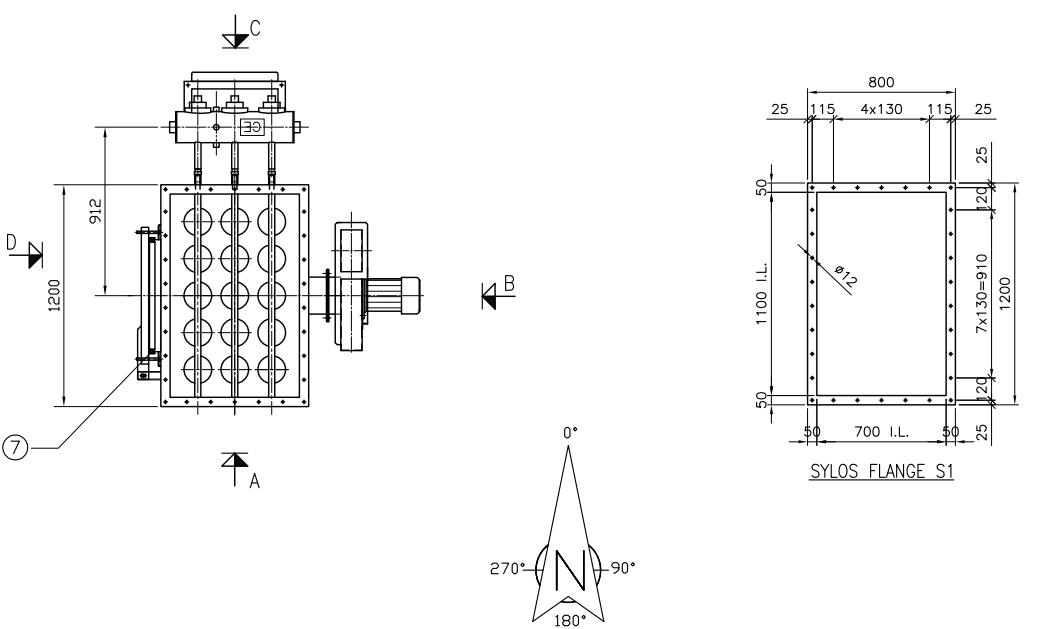
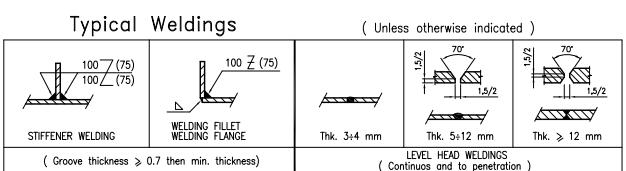
- THE MATERIAL IN THE TABLES IS VALID FOR NR.1 FILTER

POS	Description	Nr.
1	Three pieces joints	3
2	Screw M10x30 ISO 4017 cl 8.8	110
3	Nut M10 ISO 4032 cl.8	102
4	Washer $\phi$ 11 UNI6592 HV 100	212
5	Nut M12 ISO 4032 cl.8	8
6	Washer $\phi$ 13 UNI6592 HV 100	8
7	Gasket 20x15(mousse black) m.	4
8	Gasket 50x5 (fiber glass) m.	15
9	Screw M12x80 ISO 4017 cl 8.8	2
10	centrifugal fan	1
11	Screw M14x40 ISO 4017 cl 8.8	18
12	Nut M14 ISO 4032 cl.8	18
13	Washer $\phi$ 15 UNI6592 HV 100	36
14	Gasket rope $\phi$ 5 (fiber glass) m.	3

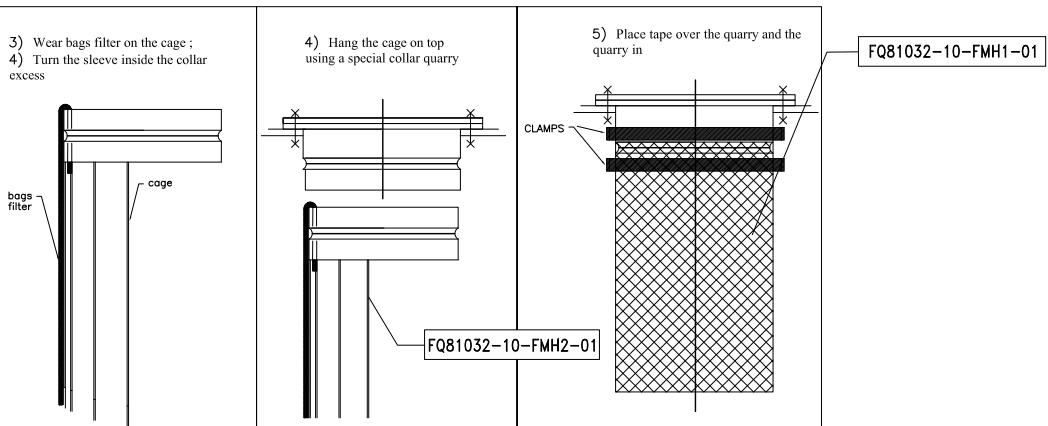


#### NOTES:

- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE INDICATED
- EACH PIECE SHALL BE MARKED BY IT'S IDENTIFICATION SYMBOL
- PLATE BENDING: internal radius=thickness plate (unless otherwise indicated)
- TOTAL WEIGHT 406,2 Kg
- FOR LAYOUT SEE DRAWING FQ81032-3-FMA2-01

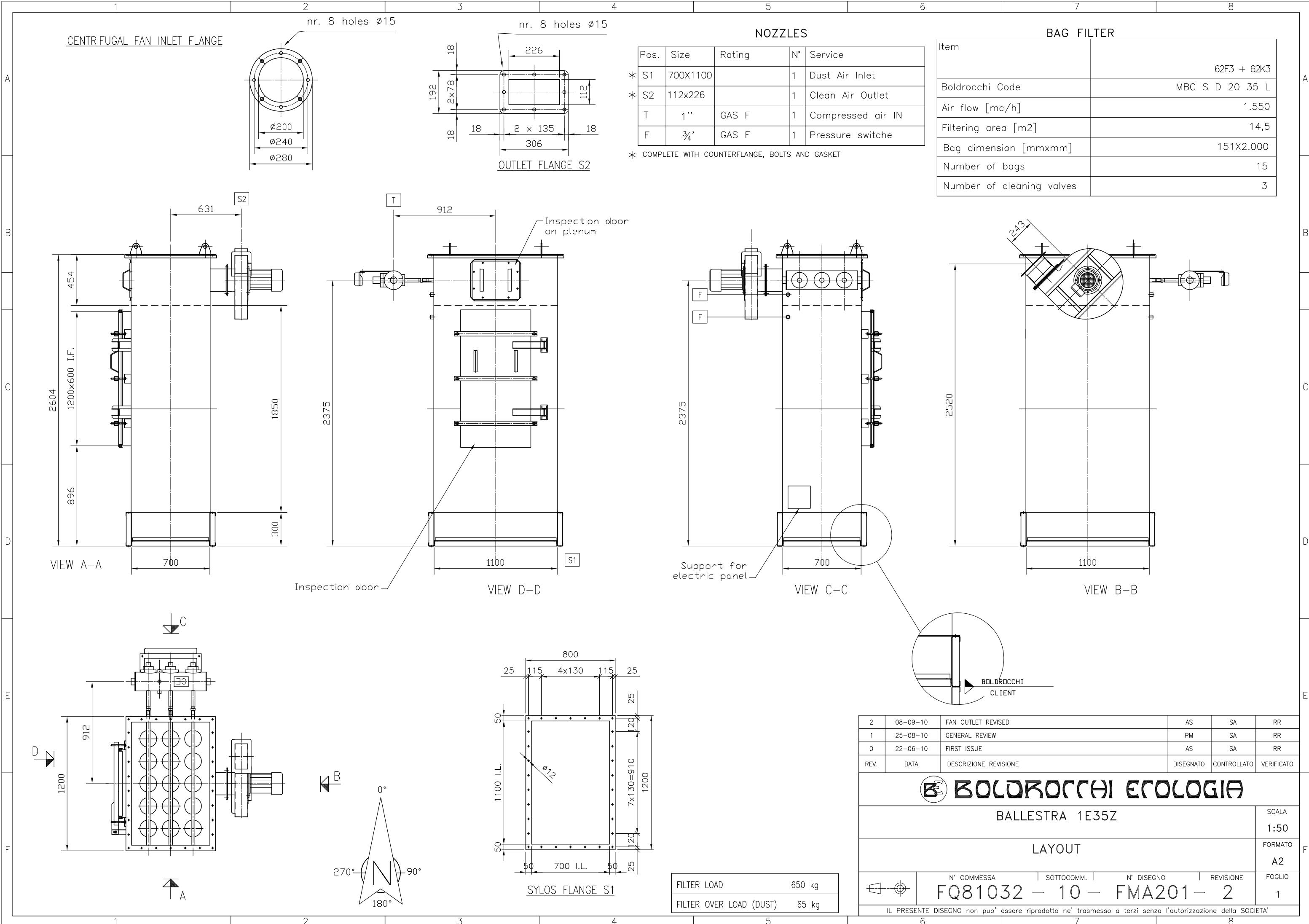


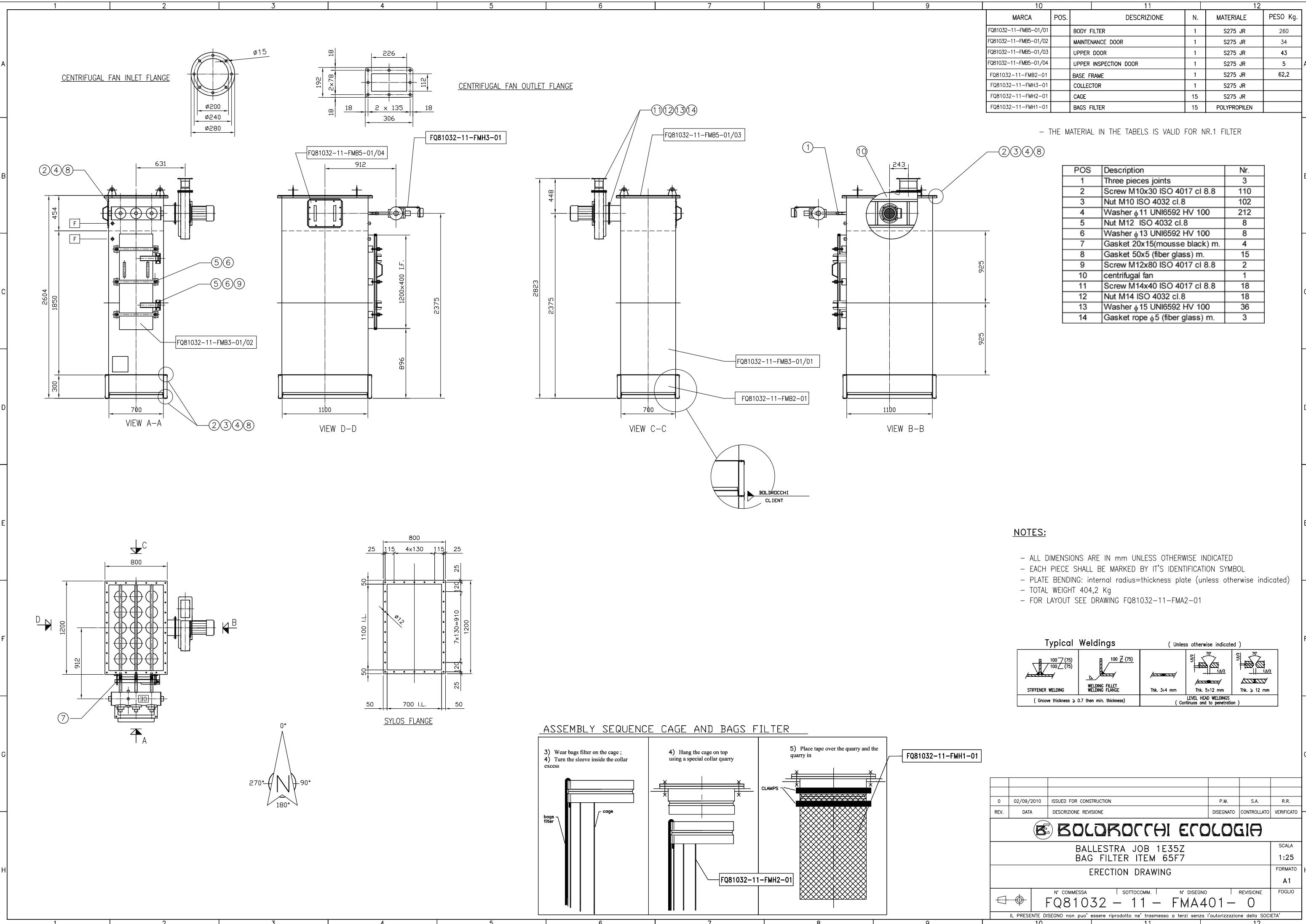
#### ASSEMBLY SEQUENCE CAGE AND BAGS FILTER



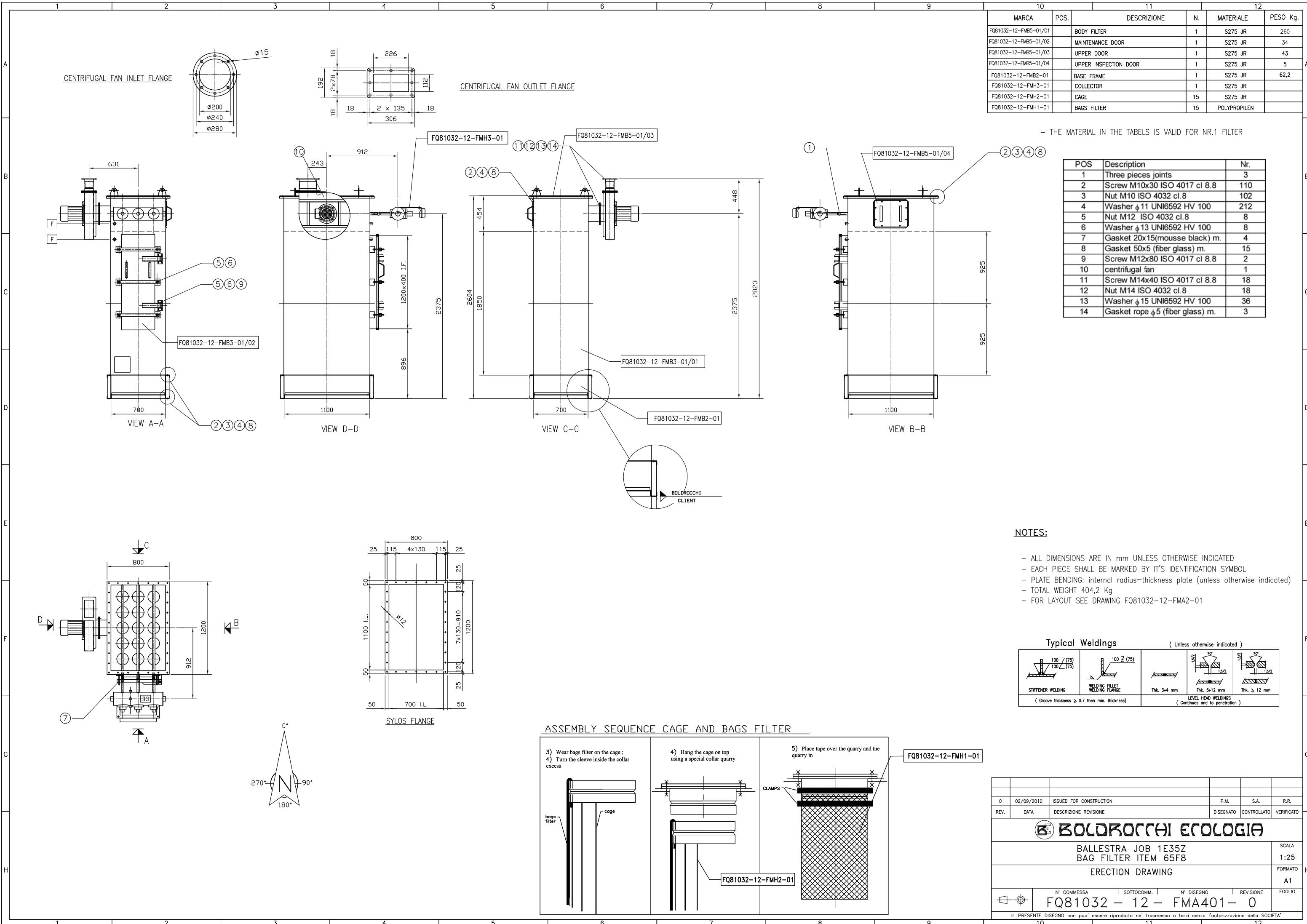
0	01/09/2010	ISSUED FOR CONSTRUCTION	P.M.	S.A.	R.R.
REV.	DATA	DESCRIZIONE REVISIONE	DISEGNATO	CONTROLLATO	VERIFICATO
<b>BOLDROCCHE ECOLOGIA</b>					
BALLESTRA JOB 1E35Z					
BAG FILTER ITEM 65F6					
ERCTION DRAWING					
FORMATO A1					
FOGLIO					
N° COMMESSA: FQ81032 - 10 - FMA401 - 0					
SOTTOCOMM. N° DISEGNO: REVISIONE: FOGLIO:					

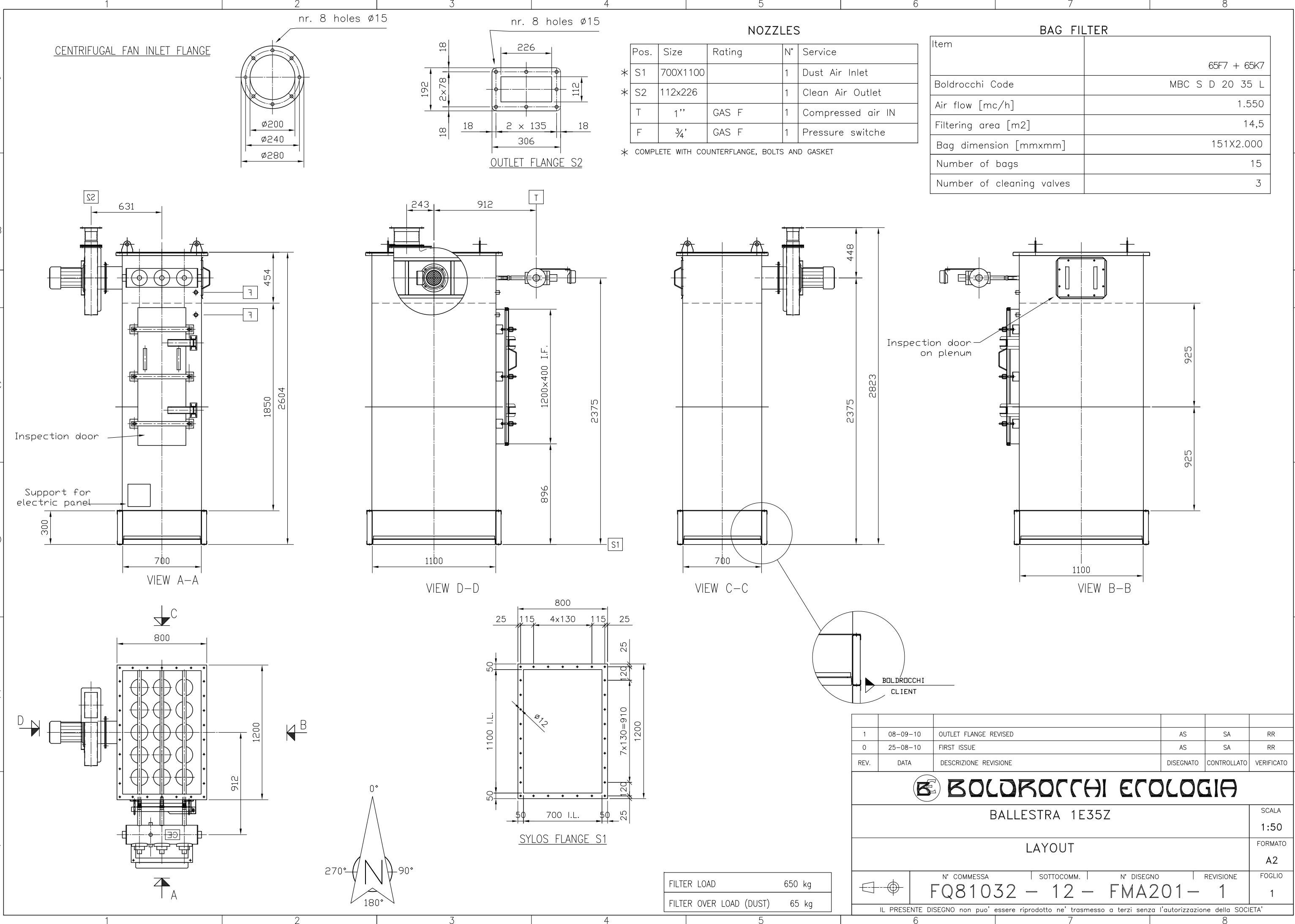
IL PRESENTE DISEGNO non puo' essere riprodotto ne' trasmesso a terzi senza l'autorizzazione della SOCIETA'

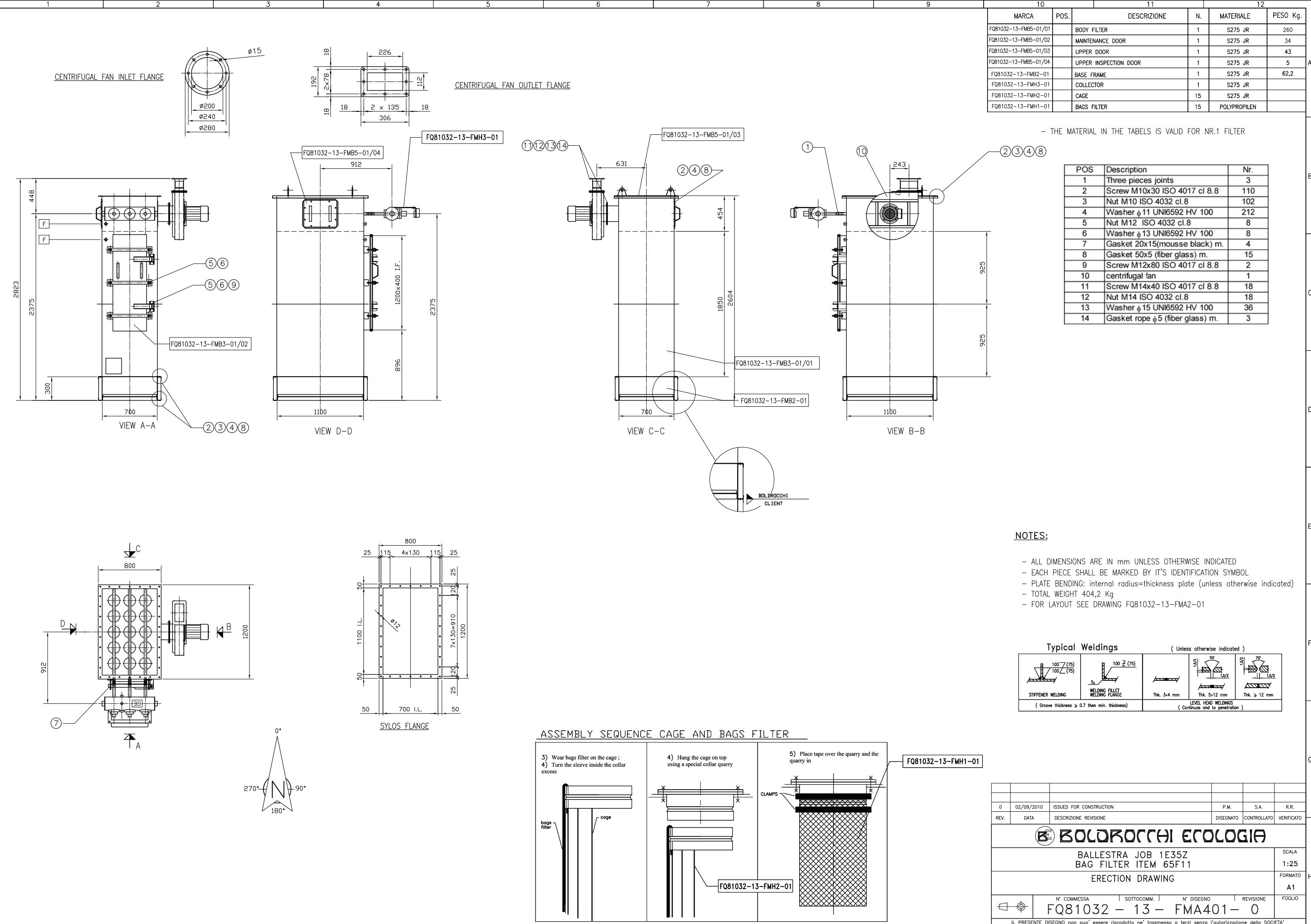










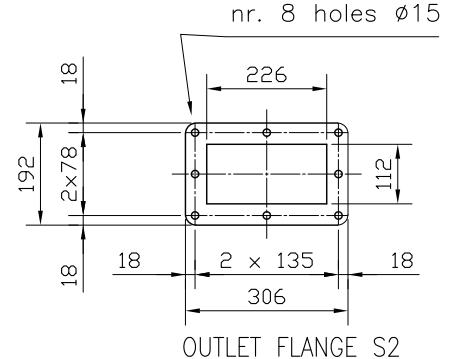
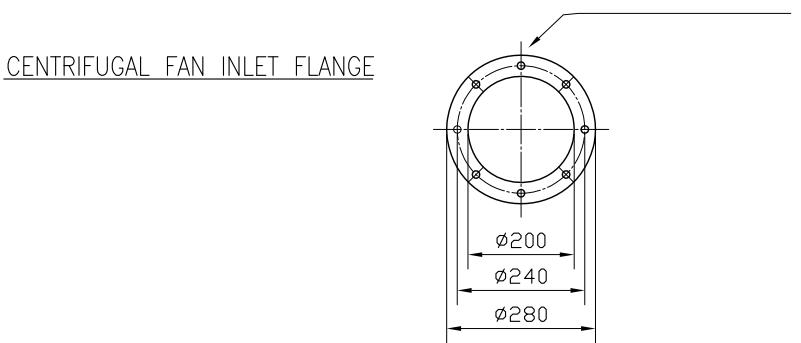


	Pos.	Size	Rating	N*	Service
*	S1	700X1100		1	Dust Air Inlet
*	S2	112x226		1	Clean Air Outlet
	T	1"	GAS F	1	Compressed air IN
	F	¾'	GAS F	1	Pressure switch

## NOZZLE

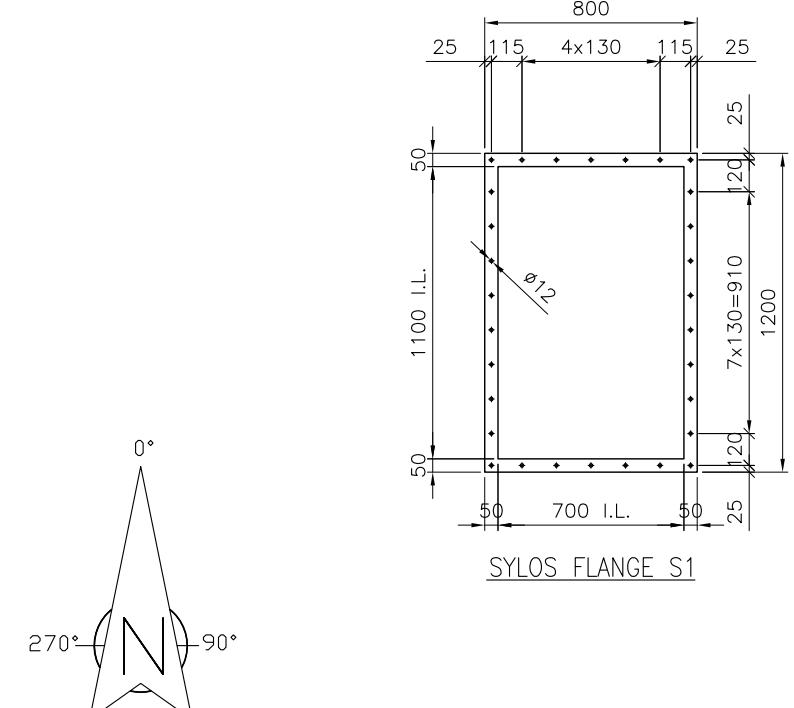
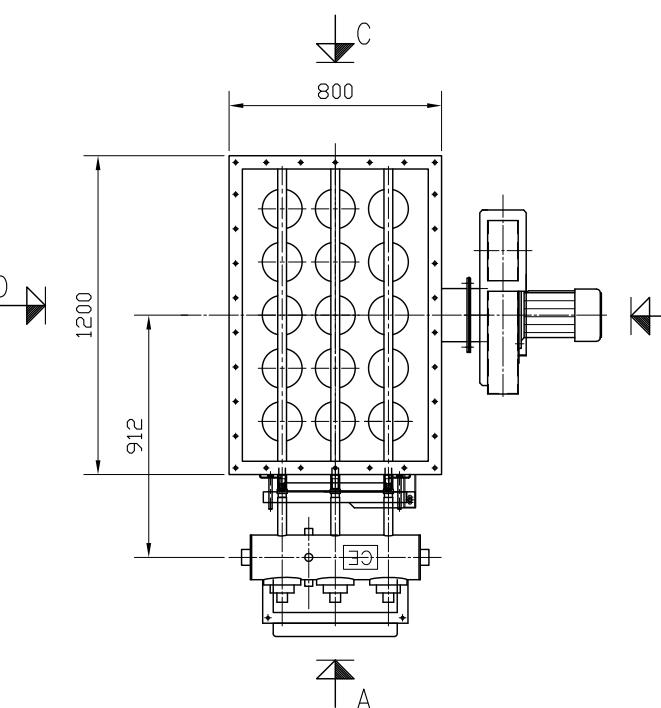
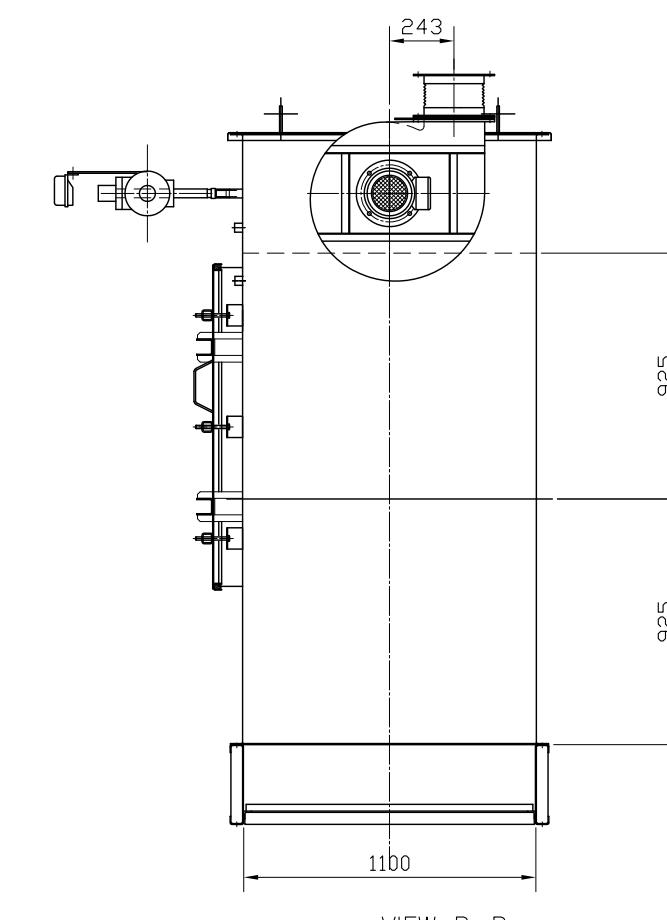
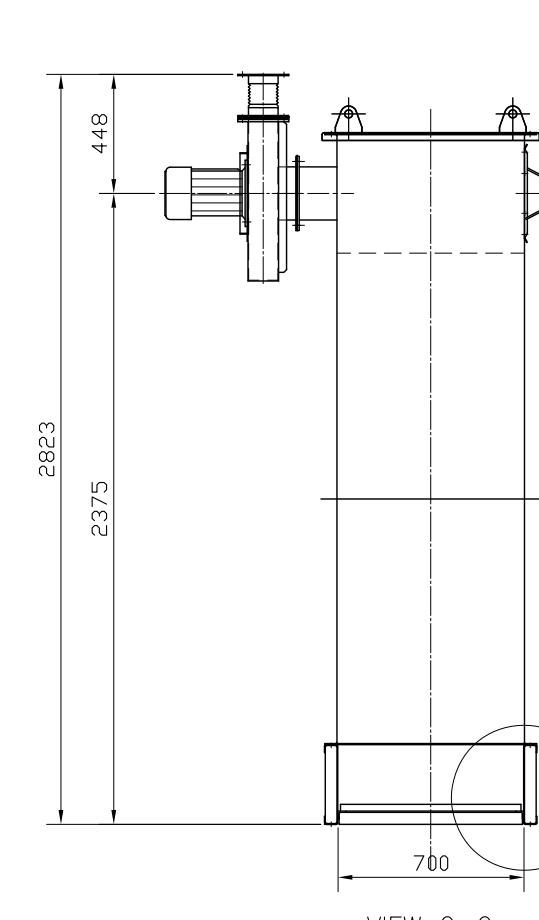
## BAG FILTER

Item	65F8 + 65K9
Boldrocchi Code	MBC S D 20 35 L
Air flow [mc/h]	1.550
Filtering area [m2]	14,5
Bag dimension [mmxmm]	151X2.000
Number of bags	15
Number of cleaning valves	3



This technical drawing illustrates a vertical mechanical assembly, likely a pump or motor unit. The drawing includes several key dimensions and inspection points:

- Vertical Dimensions:** The total height of the assembly is 631 mm, indicated by a dimension line at the top. A horizontal line near the base is labeled 1000 mm.
- Horizontal Dimensions:** The width of the base structure is 700 mm, indicated by a dimension line at the bottom.
- Labels and Points:**
  - Two points labeled "F" are shown on the left side, corresponding to dimension lines of 100 mm and 200 mm from the base.
  - A point labeled "S2" is located at the top right.
  - An arrow points to a section of the assembly with the label "Inspection".
  - A line labeled "Supp elect" extends from the bottom right towards the base.
- View A-A:** A callout at the bottom indicates a detailed view of the base structure.

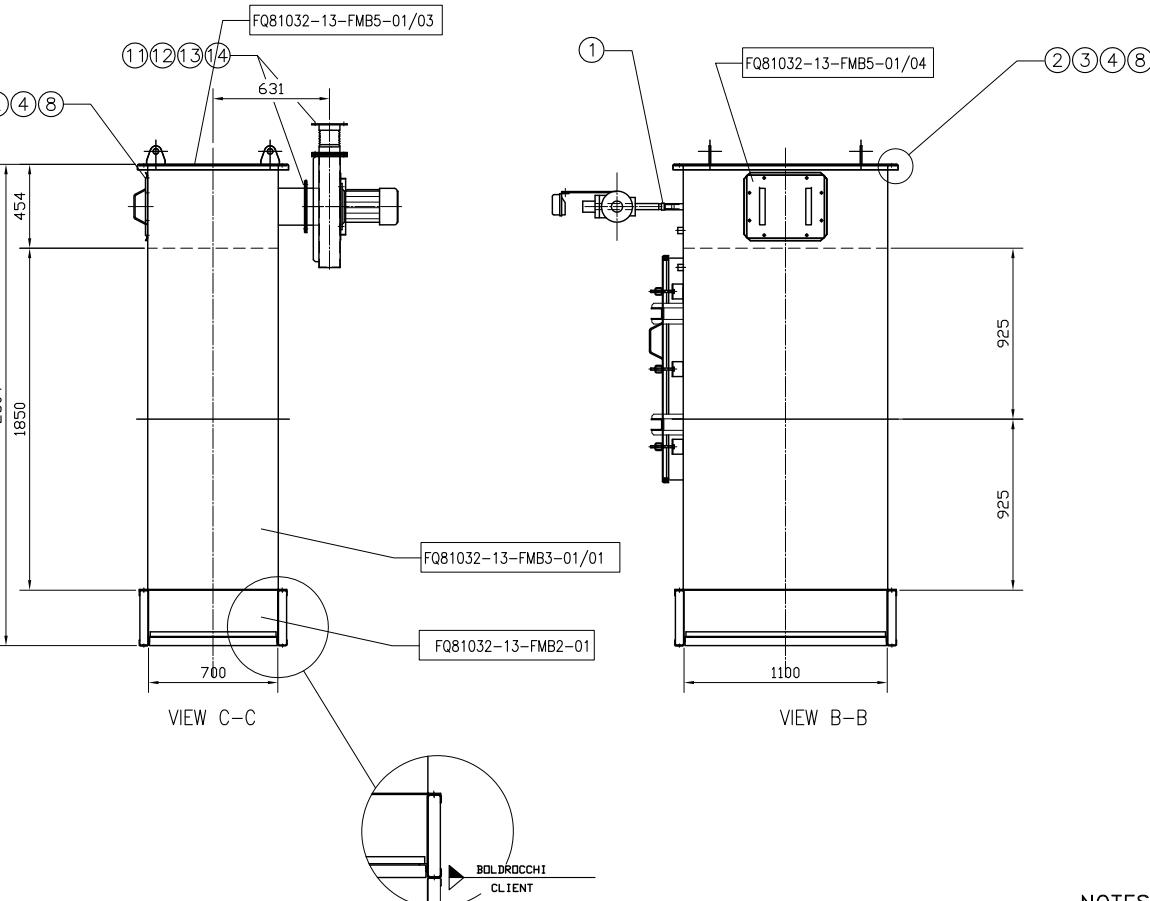
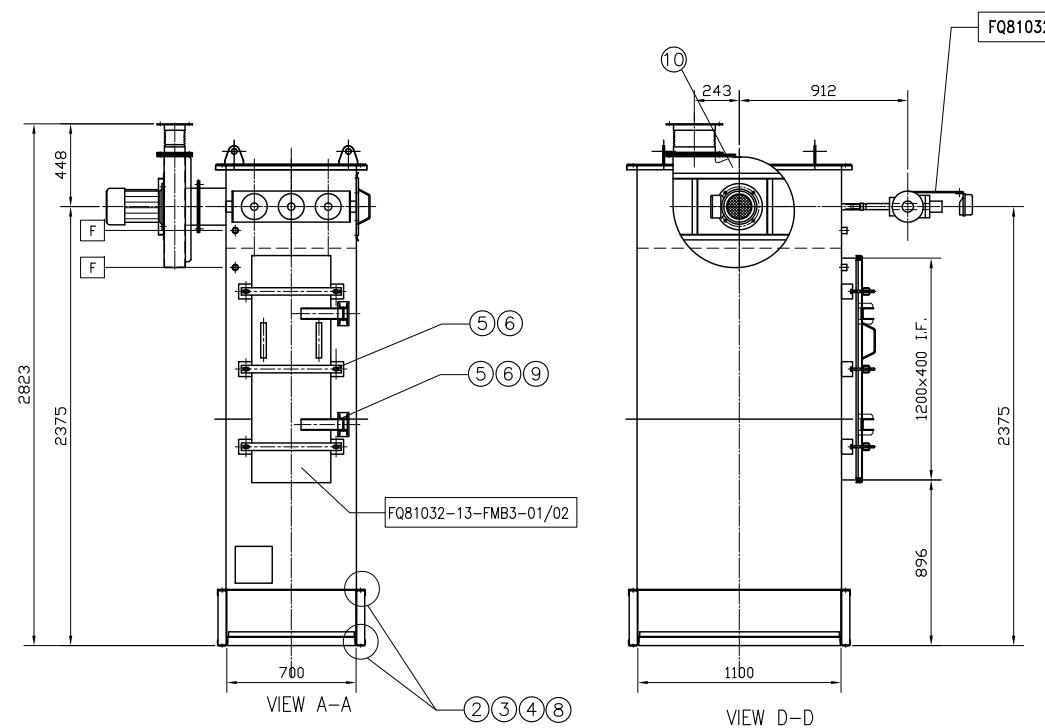
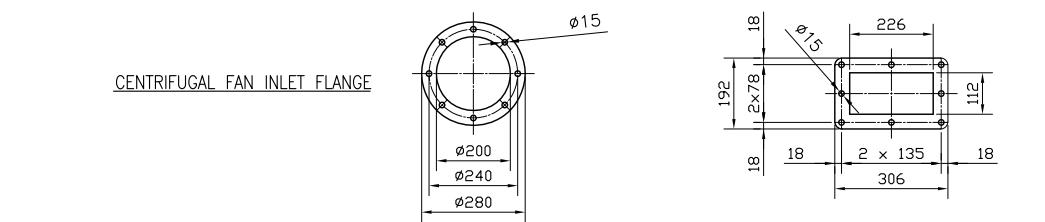


FILTER LOAD	650 kg
FILTER OVER LOAD (DUST)	65 kg

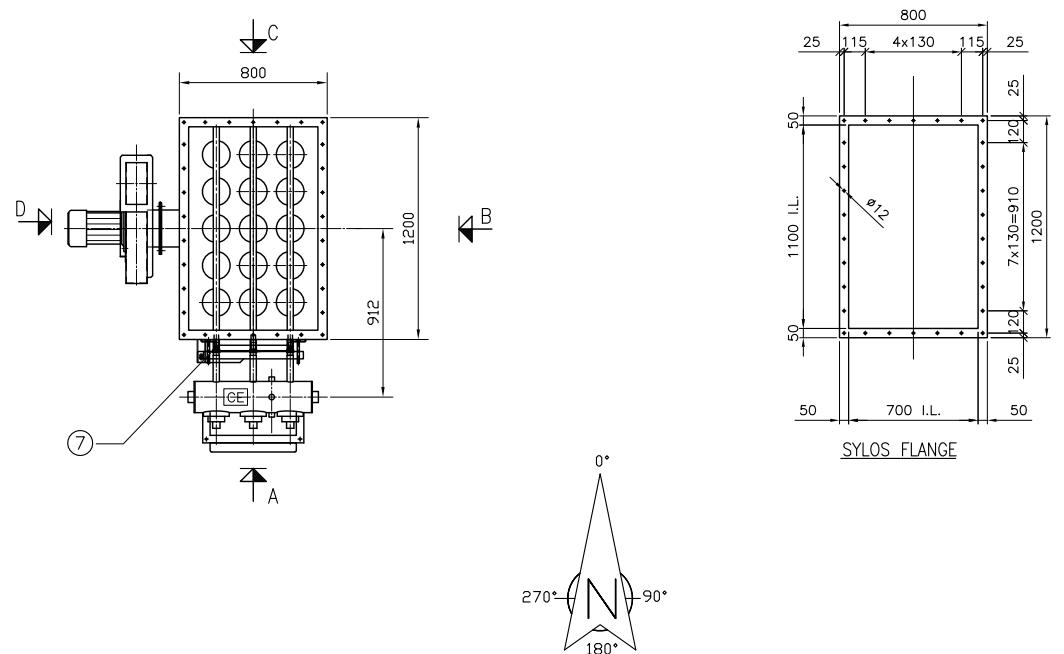
0	25-08-10	FIRST ISSUE	AS	SA	RR
REV.	DATA	DESCRIZIONE REVISIONE	DISEGNATO	CONTROLLATO	VERIFICATO
 <b>BALDOROCCHI ECOLOGIA</b>					
BALLESTRA 1E35Z					SCALA 1:50
LAYOUT					FORMATO A2
	N° COMMESSA <b>FQ81032</b>	SOTTOCOMM. — 13 —	N° DISEGNO <b>FMA201</b>	REVISIONE 0	FOGLIO 1
IL PRESENTE DISEGNO non puo' essere riprodotto ne' trasmesso a terzi senza l'autorizzazione della SOCIETA'					

1	2	3	4	5	6	7	8	9	MARCA	POS.	DESCRIZIONE	N.	MATERIALE	PESO Kg.
									FQ81032-13-FMB5-01/01		BODY FILTER	1	S275 JR	260
									FQ81032-13-FMB5-01/02		MAINTENANCE DOOR	1	S275 JR	34
									FQ81032-13-FMB5-01/03		UPPER DOOR	1	S275 JR	43
									FQ81032-13-FMB5-01/04		UPPER INSPECTION DOOR	1	S275 JR	5
									FQ81032-13-FMB2-01		BASE FRAME	1	S275 JR	62,2
									FQ81032-13-FMH3-01		COLLECTOR	1	S275 JR	
									FQ81032-13-FMH2-01		CAGE	15	S275 JR	
									FQ81032-13-FMH1-01		BAGS FILTER	15	POLYPROPYLEN	

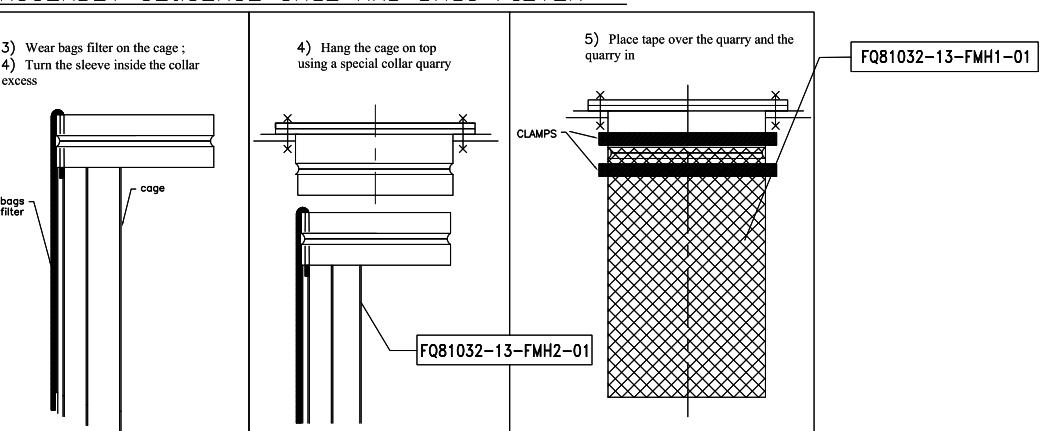
- THE MATERIAL IN THE TABLES IS VALID FOR NR.1 FILTER



POS	Description	Nr.
1	Three pieces joints	3
2	Screw M10x30 ISO 4017 cl 8.8	110
3	Nut M10 ISO 4032 cl.8	102
4	Washer Ø 11 UNI6592 HV 100	212
5	Nut M12 ISO 4032 cl.8	8
6	Washer Ø 13 UNI6592 HV 100	8
7	Gasket 20x15(mousse black) m.	4
8	Gasket 50x5 (fiber glass) m.	15
9	Screw M12x80 ISO 4017 cl 8.8	2
10	centrifugal fan	1
11	Screw M14x40 ISO 4017 cl 8.8	18
12	Nut M14 ISO 4032 cl.8	18
13	Washer Ø 15 UNI6592 HV 100	36
14	Gasket rope Ø 5 (fiber glass) m.	3



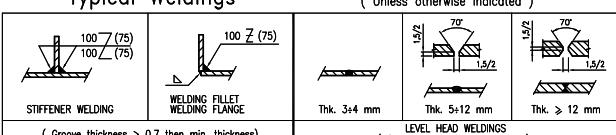
#### ASSEMBLY SEQUENCE CAGE AND BAGS FILTER



#### NOTES:

- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE INDICATED
- EACH PIECE SHALL BE MARKED BY IT'S IDENTIFICATION SYMBOL
- PLATE BENDING: internal radius=thickness plate (unless otherwise indicated)
- TOTAL WEIGHT 404, Kg
- FOR LAYOUT SEE DRAWING FQ81032-14-FMA2-01

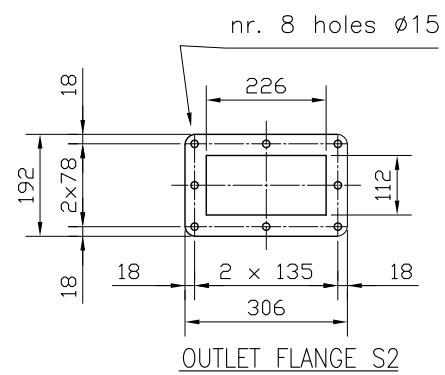
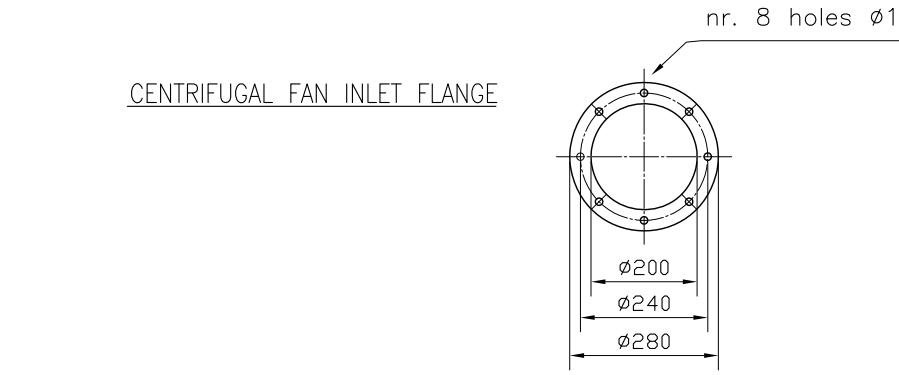
#### Typical Weldings



0	02/09/2010	ISSUED FOR CONSTRUCTION	P.M.	S.A.	R.R.
REV.	DATA	DESCRIZIONE REVISIONE	DISEGNATO	CONTROLLATO	VERIFICATO
<b>BOLDOROCCHI ECOLOGIA</b>					
BALLESTRA JOB 1E35Z BAG FILTER ITEM 62F3					
SCALA 1:25					
ERCTION DRAWING					
FORMATO A1					
N° COMMESA   SOTTOCOMM.   N° DISEGNO   REVISIONE   FOGLIO					
FQ81032 - 14 - FMA401 - 0					

IL PRESENTE DISEGNO non puo' essere riprodotto ne' trasmesso a terzi senza l'autorizzazione della SOCIETA'

1 2 3 4 5 6 7 8



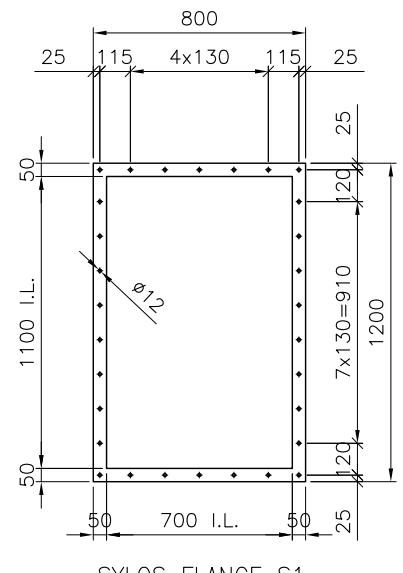
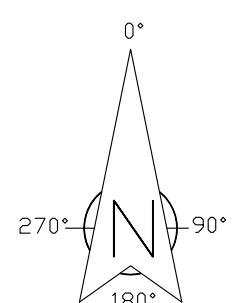
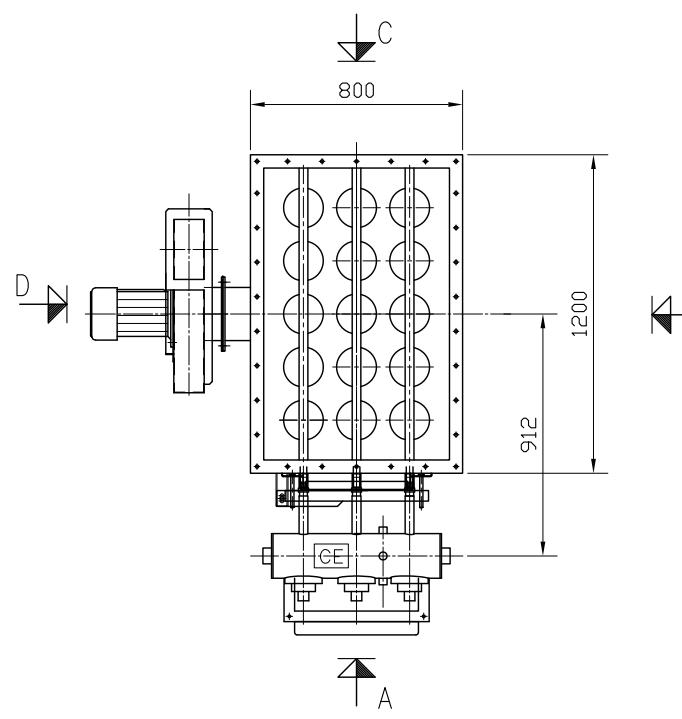
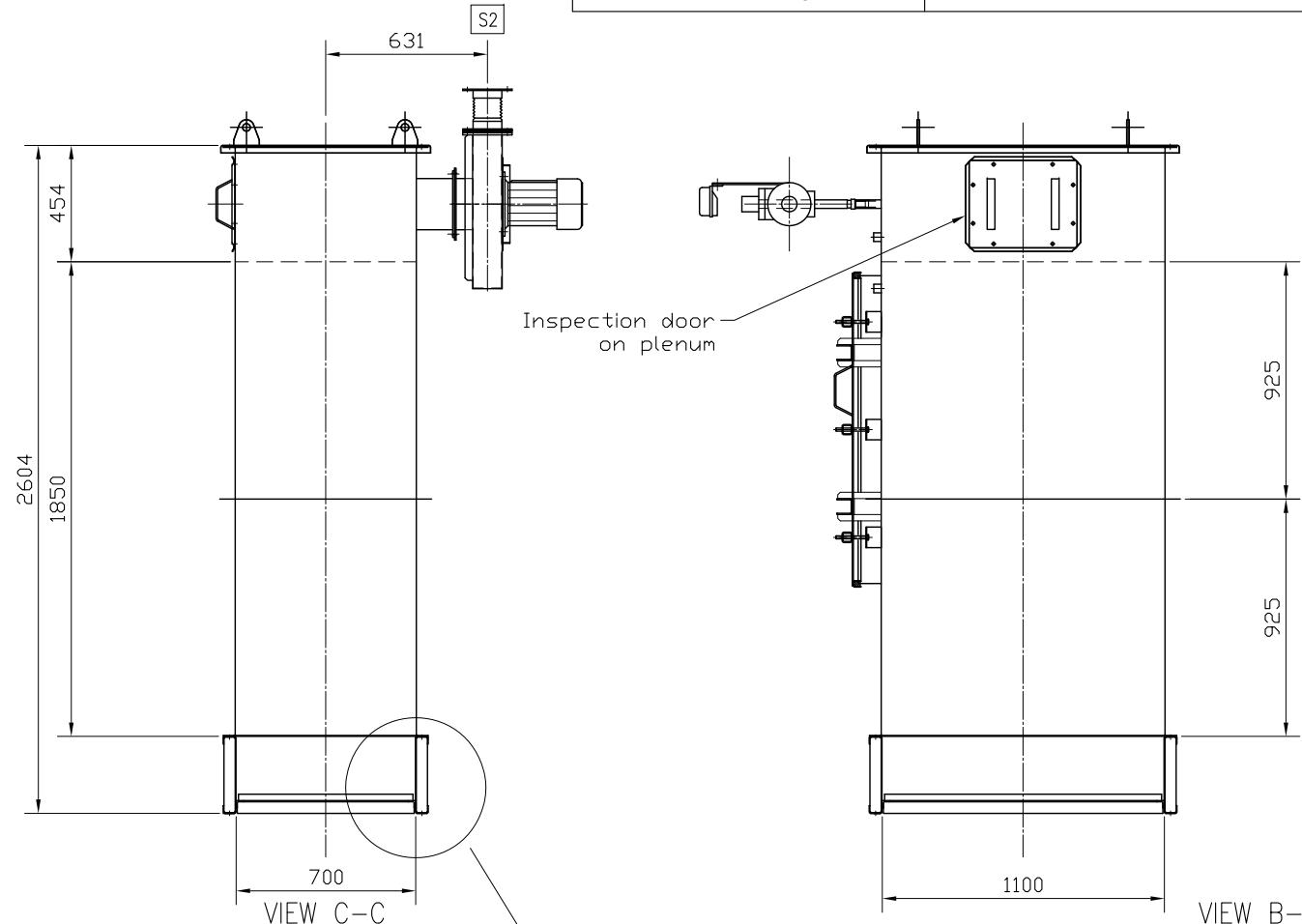
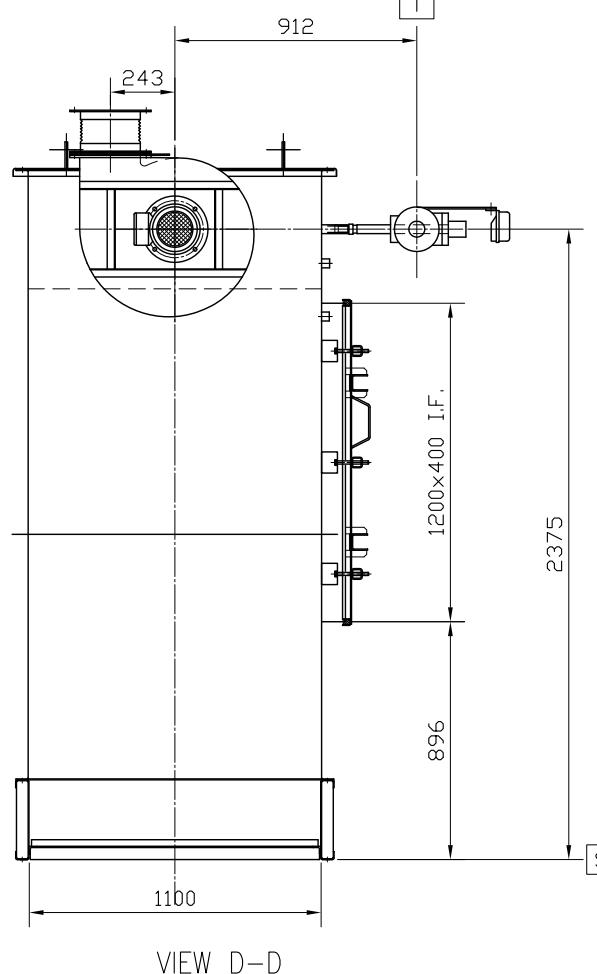
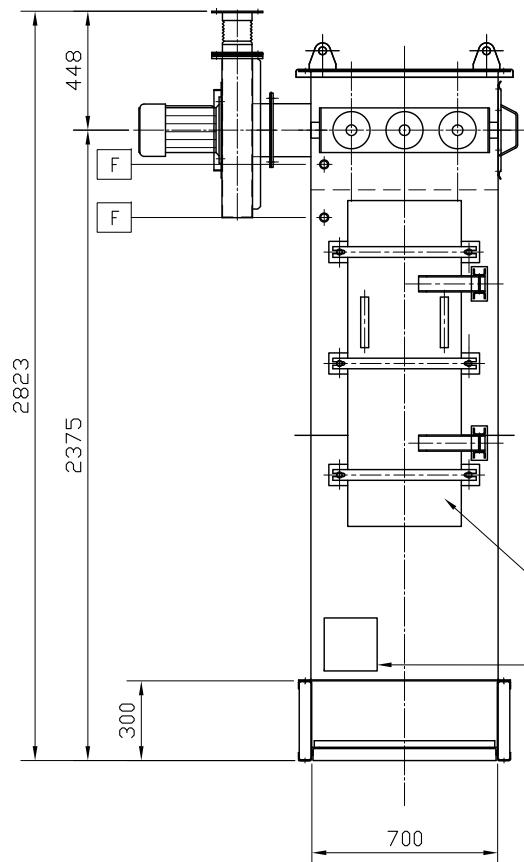
## NOZZLES

Pos.	Size	Rating	N°	Service
* S1	700X1100		1	Dust Air Inlet
* S2	112x226		1	Clean Air Outlet
T	1"	GAS F	1	Compressed air IN
F	¾'	GAS F	1	Pressure switch

\* COMPLETE WITH COUNTERFLANGE, BOLTS AND GASKET

## BAG FILTER

Item	65F11 + 65K8
Boldrocchi Code	MBC S D 20 35 L
Air flow [mc/h]	1.550
Filtering area [m <sup>2</sup> ]	14,5
Bag dimension [mmxmm]	151X2.000
Number of bags	15
Number of cleaning valves	3



FILTER LOAD	650 kg
FILTER OVER LOAD (DUST)	65 kg

1	07-09-10	FAN OUTLET MODIFIED	AS	SA	RR
0	25-08-10	FIRST ISSUE	AS	SA	RR
REV.	DATA	DESCRIZIONE REVISIONE	DISEGNATO	CONTROLLATO	VERIFICATO



BOLDROCCHI ECOLOGIA

BALESTRA 1E35Z

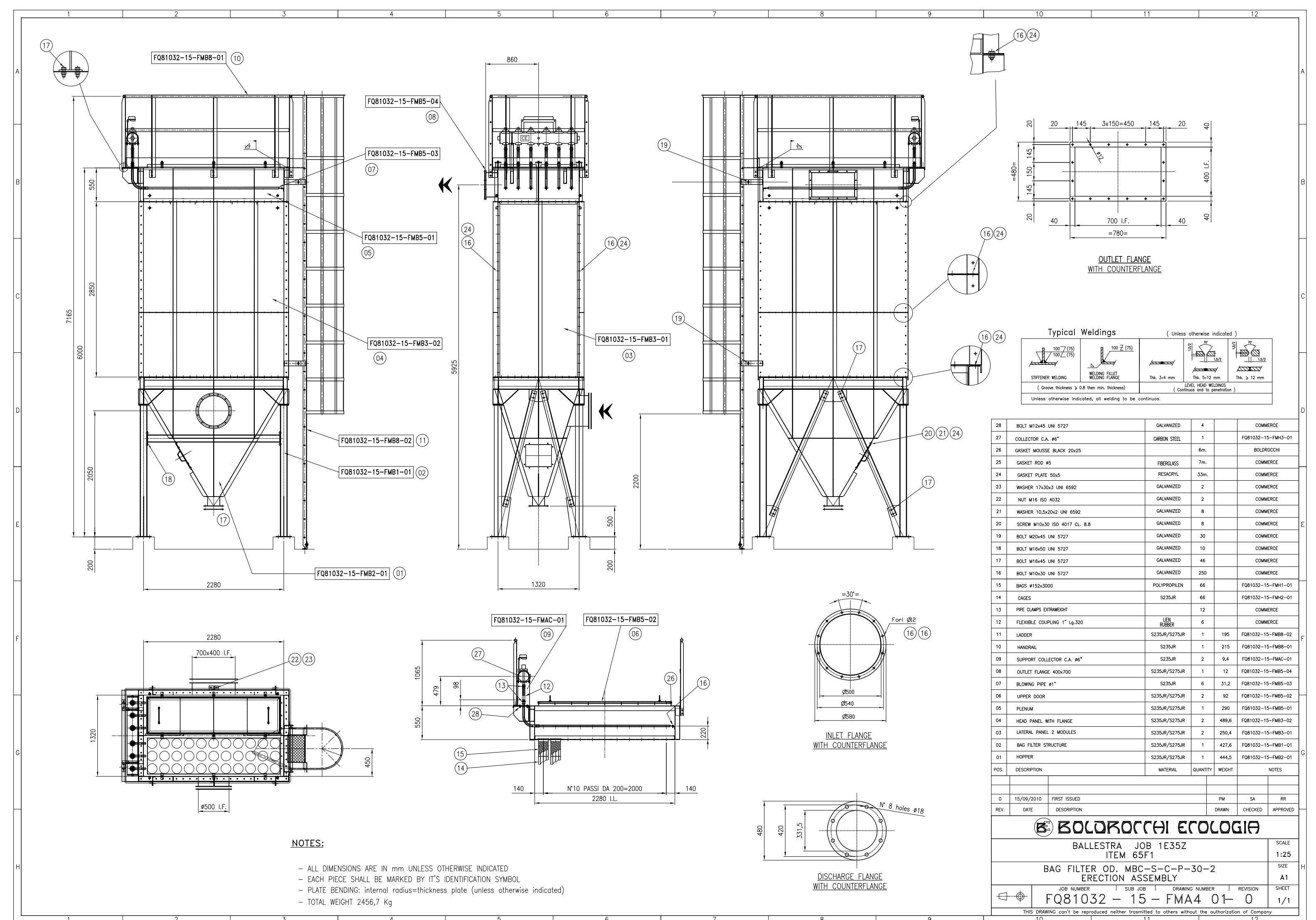
SCALA  
1:50

LAYOUT

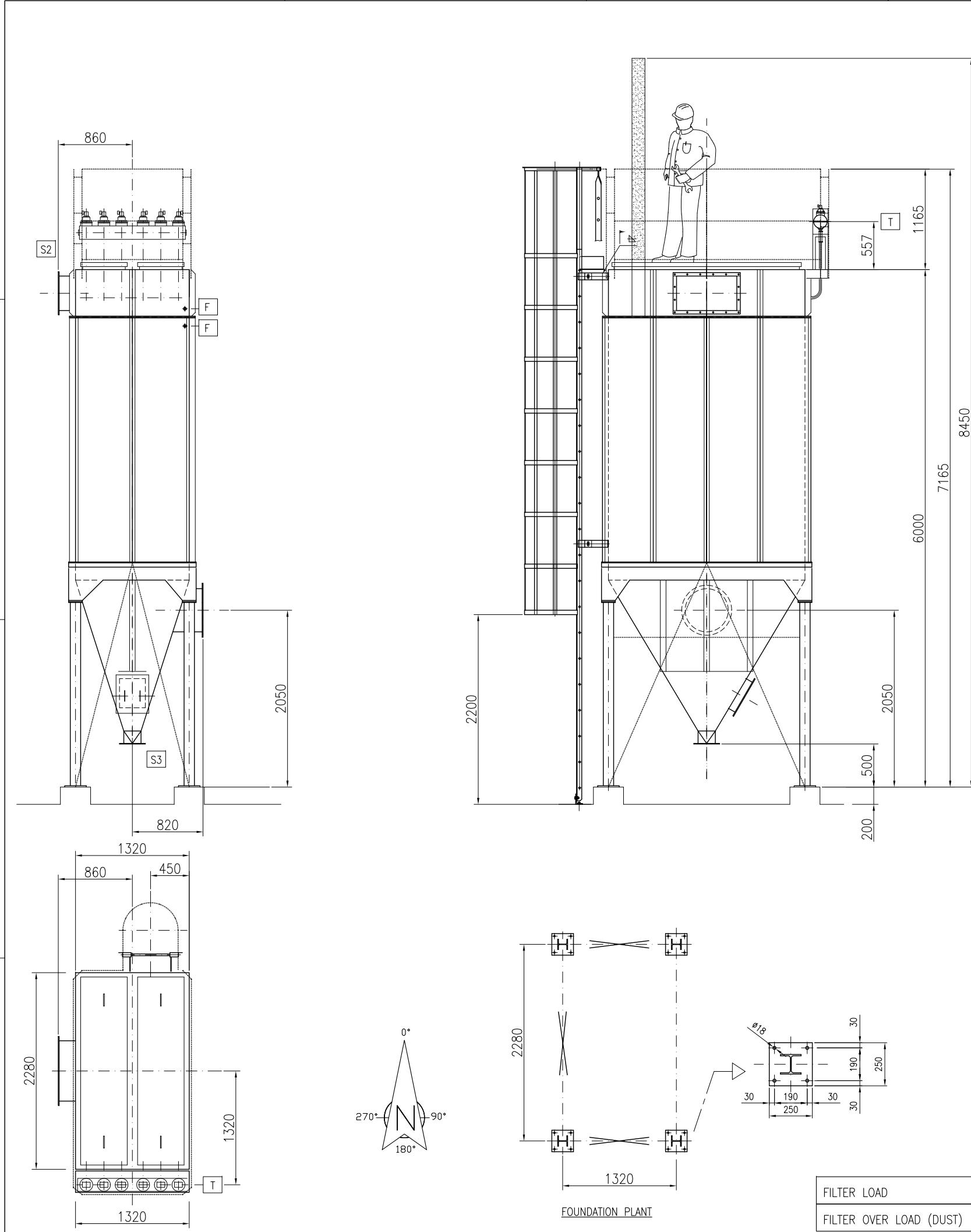
FORMATO  
A2

N° COMMESSA	SOTTOCOMM.	N° DISEGNO	REVISIONE	FOGLIO
FQ81032 - 14 - FMA201 - 1				1

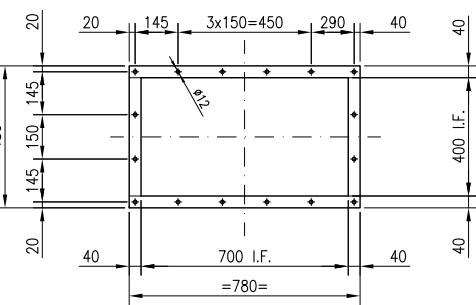
IL PRESENTE DISEGNO non puo' essere riprodotto ne' trasmesso a terzi senza l'autorizzazione della SOCIETA'



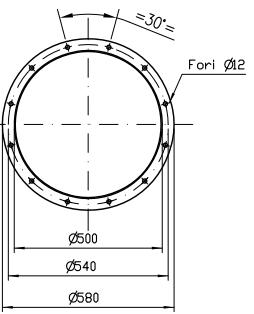
1 2 3 4 5 6



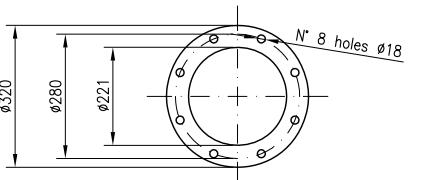
BAG FILTER	
Item	65F1
Boldrocchi Code	MBC S C P 30 2
Air flow [mc/h]	10.500
Filtering area [m <sup>2</sup> ]	96
Bag dimension [mmxmm]	152X3.000
Number of bags	66
Number of cleaning valves	6



OUTLET FLANGE S2



INLET FLANGE S1



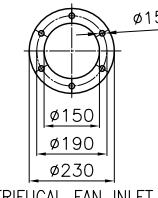
DISCHARGE FLANGE S3

1	07/09/2010	GENERAL REVISION	PM	SA	RR
0	20/11/09	FIRST ISSUE	AS	SA	RR
REV.	DATA	DESCRIZIONE REVISIONE	DISEGNATO	CONTROLLATO	VERIFICATO
<b>BOLDROCCHI ECOLOGIA</b>					
<b>BALLESTRA JOB 1E35Z</b> <b>BAG FILTER MBC</b> <b>FILTER MOD. MBC-S-C-P-30-2</b> <b>LAYOUT</b>					SCALA 1:50
					FORMATO A3
N° COMMESA					REVISIONE
FQ81032 - 15 - FMA2 01- 1					FOGLIO 1
IL PRESENTE DISEGNO non puo' essere riprodotto ne' trasmesso a terzi senza l'autorizzazione della SOCIETA'					

MARCA	POS.	DESCRIZIONE	N.	MATERIALE	PESO Kg.
FQ81032-16-FMB5-01/01		BODY FILTER	1	S275 JR	139
FQ81032-16-FMB5-01/02		MAINTENANCE DOOR	1	S275 JR	23
FQ81032-16-FMB5-01/03		UPPER DOOR	1	S275 JR	26
FQ81032-16-FMB5-01/04		UPPER INSPECTION DOOR	1	S275 JR	5
FQ81032-16-FMB2-01		BASE FRAME	1	S275 JR	46
FQ81032-16-FMH3-01		COLLECTOR	1	S275 JR	
FQ81032-16-FMH2-01		CAGE	15	S275 JR	
FQ81032-16-FMH1-01		BAGS FILTER	15	POLYPROPILLEN	

THE MATERIAL IN THE TABLES IS VALID FOR NR.1 FILTER

#### CENTRIFUGAL FAN INLET FLANGE



A technical drawing of a structural component, likely a flange or plate, with various dimensions labeled. The overall width is 146 mm. There are two vertical columns of holes: one on the left with a height of 1126 mm and another on the right with a height of 226 mm. The distance between the centers of the two columns is 2x95 mm. The total height of the component is 162 mm, and there are 18 mm thick top and bottom plates. A central horizontal slot has a width of 18 mm and a height of 1126 mm.

## CENTRIFUGAL FAN OUTLET FLANGE

This technical drawing shows a cross-sectional view of a mechanical assembly, labeled 'VIEW A-A' at the bottom. The drawing includes several dimensions and callouts:

- Overall width: 616 mm
- Width of the top section: 454 mm
- Height of the middle section: 300 mm
- Total height: 1350 mm
- Width of the bottom section: 700 mm
- Thickness of the bottom section: 300 mm
- Width of the middle section: 400 mm
- Width of the top section: 214 mm
- Callout (2)(4)(8) points to the top section.
- Callout (5)(6) points to the middle section.
- Callout (1)(12)(13)(14) points to the top edge.
- Text box FQ81032-16-FMB3-01/02 is located on the left side.

This technical drawing shows a mechanical assembly with various dimensions and part numbers. The top horizontal dimension is labeled 712. The vertical height of the main body is 1875, divided into 900 and 700. A side component has a height of 700 and a width of 186. A central vertical component has a height of 300 and a top section height of 214. Two horizontal dimensions at the bottom are both labeled 700. Part numbers FQ81032-16-FMB5-01/04 and FQ81032-16 are located in boxes at the top left and top right respectively.

This technical drawing illustrates a mechanical assembly with several key dimensions and reference points:

- Total height: 2333
- Top section height: 448
- Middle section height: 1875
- Bottom section width: 700

The drawing includes three callout boxes pointing to specific features:

- FQ81032-16-FMB5-01/03: Points to a top circular feature.
- FQ81032-16-FMB3-01/01: Points to a middle rectangular feature.
- FQ81032-16-FMB2-01: Points to a bottom rectangular feature.

A callout labeled "VIEW C-C" points to a detailed view of a circular component, which is annotated with "BOLDROCCHI" and "CLIENT".

This technical drawing illustrates a mechanical assembly, likely a pump or valve component. The drawing includes several callouts and dimension lines:

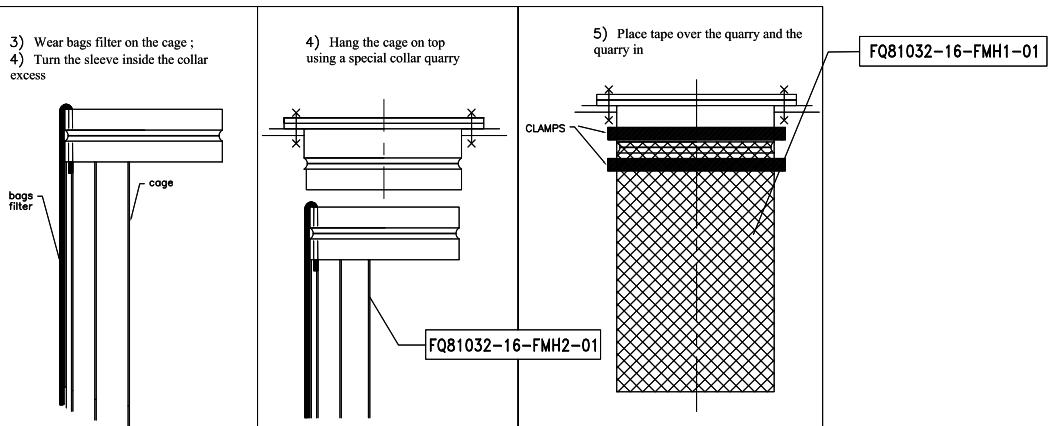
- Callout (1) points to a vertical pipe section on the left.
- Callout (10) points to a circular component at the top center, with a dimension of 285 mm from its center to the top horizontal reference line.
- Vertical dimension lines indicate two 675 mm segments from the bottom horizontal reference line to the top of the main body.
- A horizontal dimension line at the bottom indicates a total width of 700 mm.
- Callouts (2), (3), (4), and (8) point to a rectangular base or flange at the bottom right.
- A small square box is located in the lower-left corner.

POS	Description	Nr.
1	Three pieces joints	3
2	Screw M10x30 ISO 4017 cl 8.8	90
3	Nut M10 ISO 4032 cl.8	82
4	Washer $\phi$ 11 UNI6592 HV 100	172
5	Nut M12 ISO 4032 cl.8	4
6	Washer $\phi$ 13	4
7	Gasket 20x15	3
8	Gasket 50x5	12
9	centrifugal fan	1
10	Screw M14x40	12
11	Nut M14 ISO 4032 cl.8	12
12	Washer $\phi$ 15 UNI6592 HV 100	24
13	Gasket rope $\phi$ 5	2

The diagram illustrates a mechanical assembly. It features a rectangular base plate with a grid of circular holes. A vertical rod extends from the top of the plate. To the right, a lever system is attached, consisting of a horizontal beam pivoted at the top, with a vertical rod extending downwards. The lever is labeled with a downward-pointing arrow A at its left end, a curved arrow B indicating rotation, and a letter C at the top pivot point. A callout line labeled 7 points to a small detail on the base plate.

A diagram showing a right-angle triangle. The top vertex is labeled  $0^\circ$ . The bottom-left vertex is labeled  $270^\circ$ . The bottom-right vertex is labeled  $90^\circ$ . The triangle is oriented vertically, with its hypotenuse sloping upwards from left to right.

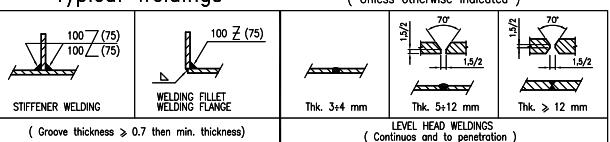
## ASSEMBLY SEQUENCE CAGE AND BAGS FILTER



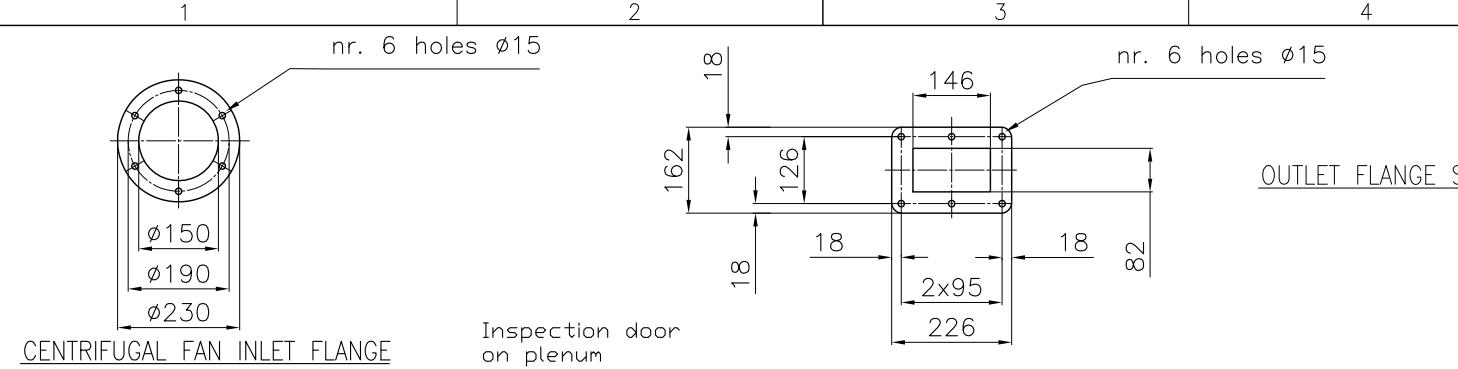
#### **NOTES:**

- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE INDICATED
  - EACH PIECE SHALL BE MARKED BY IT'S IDENTIFICATION SYMBOL
  - PLATE BENDING: internal radius=thickness plate (unless otherwise indicated)
  - TOTAL WEIGHT 239 Kg
  - FOR LAYOUT SEE DRAWING FQ81032-11-FMA2-01

## Typical Weldings



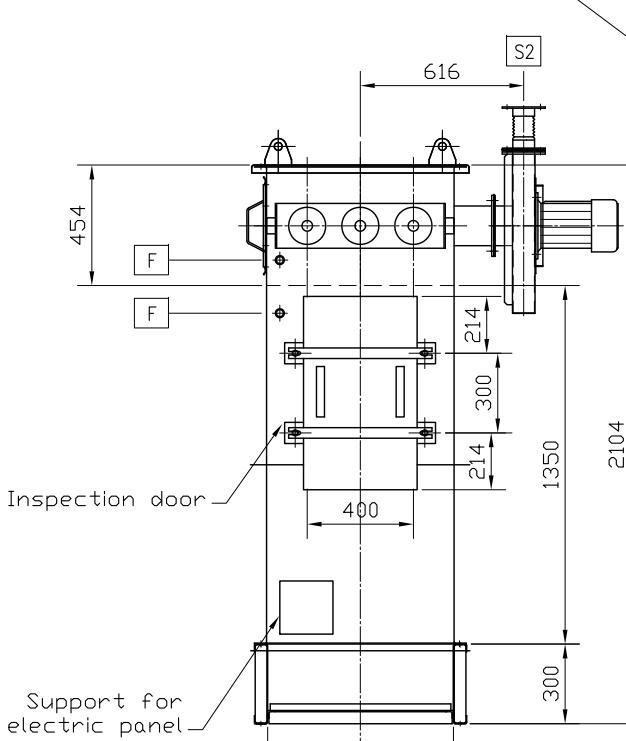
0	02/09/2010	ISSUED FOR CONSTRUCTION	P.M.	S.A.	R.R.
REV.	DATA	DESCRIZIONE REVISIONE	DISEGNATO	CONTROLLATO	VERIFICATO
 <b>BALDOROCCHI ECOLOGIA</b>					
BALLESTRA JOB 1E35Z BAG FILTER ITEM 65F10					SCALA 1:25
ERCTION DRAWING					FORMATO A1
		N° COMMESSA	SOTTOCOMM.	N° DISEGNO	FOGLIO
FQ81032 - 16 -				FMA401 - 0	



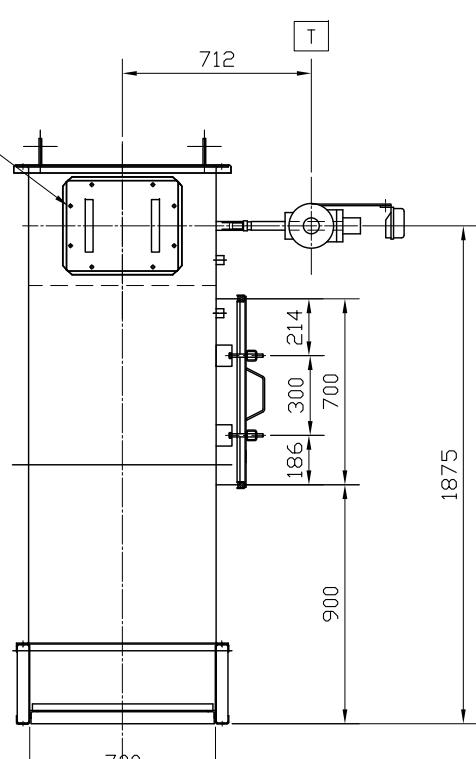
## OUTLET FLANGE S2

Pos.	Size	Rating	N°	Service
*	S1	700X700	1	Dust Air Inlet
*	S2	146x82	1	Clean Air Outlet
T	1"	GAS F	1	Compressed air IN
F	¾'	GAS F	1	Pressure switch

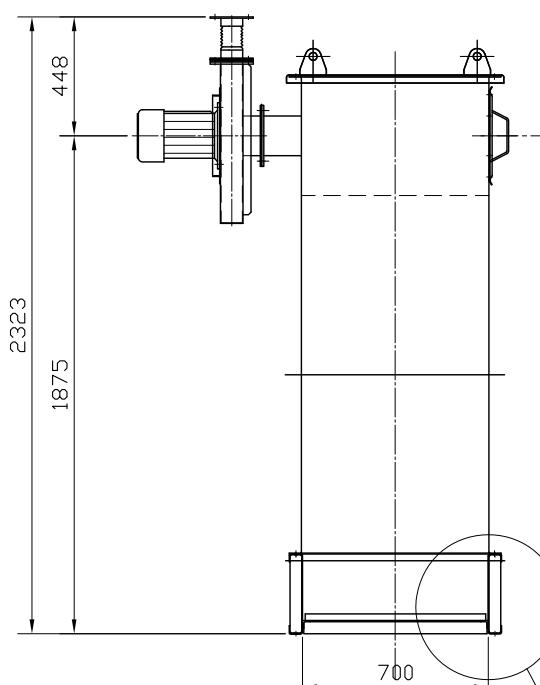
\* COMPLETE WITH COUNTERFLANGE, BOLTS AND GASKET



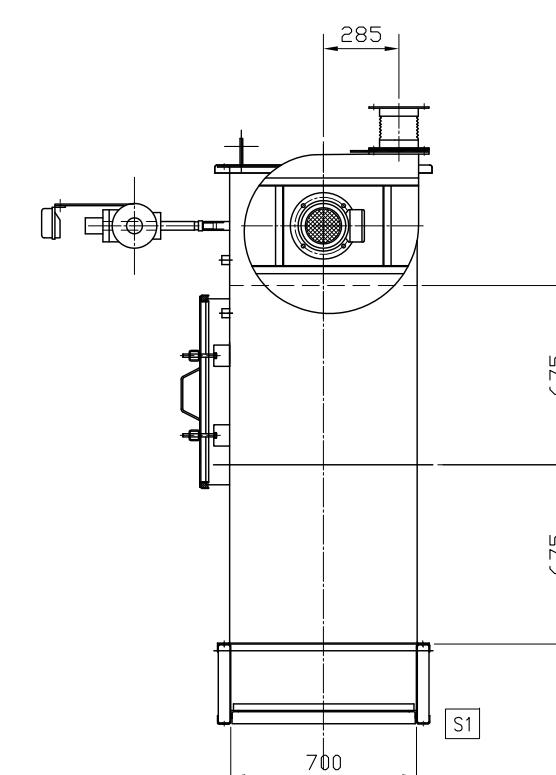
VIEW A-



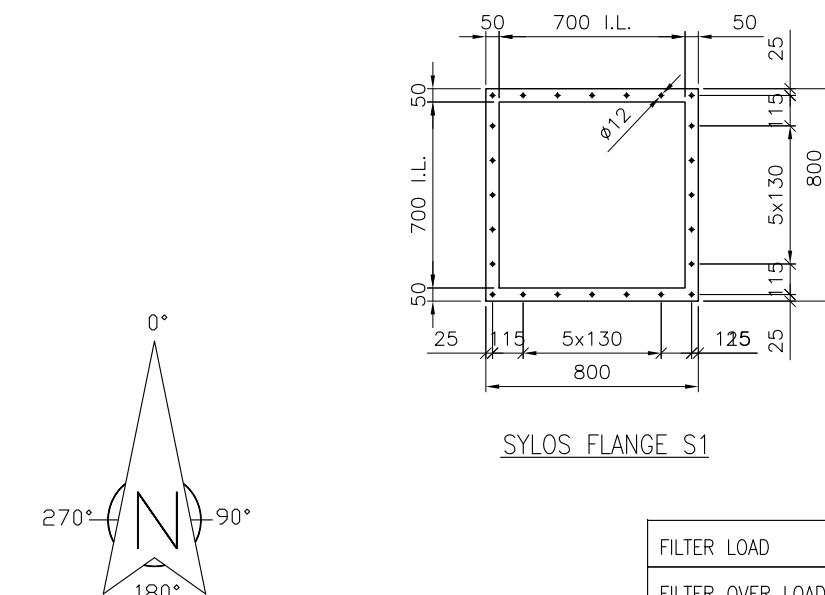
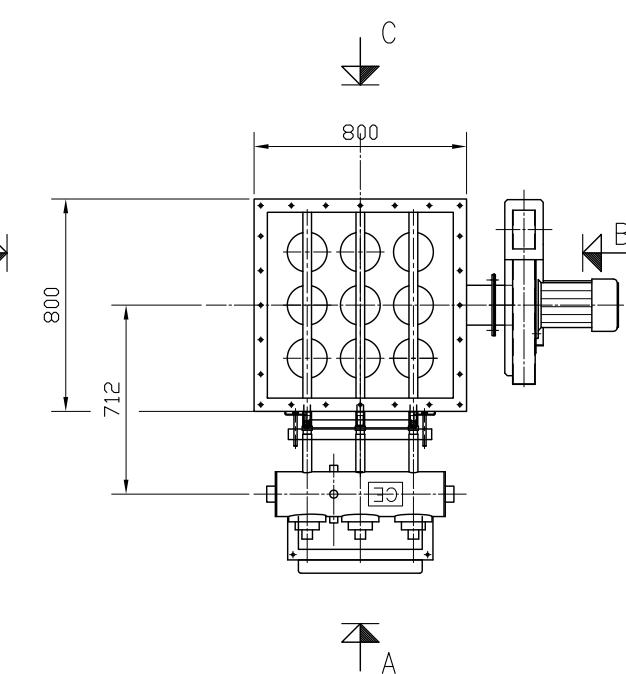
VIEW D-D



VIEW C-0



VIEW B-B



SYLOS FLANGE S1

FILTER LOAD	250 kg
FILTER OVER LOAD (DUST)	20 kg

## NOZZLES

Pos.	Size	Rating	N°	Service
S1	700X700		1	Dust Air Inlet
S2	146x82		1	Clean Air Outlet
T	1"	GAS F	1	Compressed air IN
F	¾'	GAS F	1	Pressure switch

\* COMPLETE WITH COUNTERFLANGE, BOLTS AND GASKET

BAG FILTER

Item	65F10+65K5
Boldrocchi Code	MBC S D 12 33 L
Air flow [mc/h]	580
Filtering area [m <sup>2</sup> ]	5,0
Bag dimension [mmxmm]	151X1.250
Number of bags	9
Number of cleaning valves	3

1	24-08-10	GENERAL REVIEW	PM	SA	RR
0	22-06-10	FIRST ISSUE	AS	SA	RR
REVIEW DATE	DESCRIPTIONS/REVIEWS	DISSEMINATE	CONTINUE/STOP	VERIFY/STOP	



**BOLDRORCHI ECOLOGIA**

BALLESTRA JOB 1E35Z  
BAG FILTER ITEM 65F10

SCALA  
1:50

## LAYOUT

SOTTOCOMM. N° D

FOGLIO

IL PRESENTE DISEGNO, con cui sono riguardate, ai termini della legge, le dimensioni della SOCIETÀ