

COMAV

Bag-Emptying Machine Catalogue

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BAG EMPTYING MACHINES

SVR CAPACITY

Model	PALLETS / HOUR		BAGS / HOUR	
	GRANULES	POWDER	GRANULES	POWDER
SVR 150 NT			150	N.D.
SVR 300 NT			300	150
SVR 300 NT SHORT			300	75
SVR 600 NT			600	400
SVR 1000 NT			1000	800
SVR 300 EL			300	150
SVR 600 EL			600	400
SVR 1000 EL			1000	800
SVR 600 DEPA			600	400
SVR 600 DEPA ELITE			600	400
SVR 600 DEPA DELUXE	10	6	-	-
SVR 1000 DEPA			1100	800
SVR 1000 DEPA ELITE			1100	800
SVR 1000 DEPA DELUXE	18	9	-	-
SVR 1300 DEPA *			1100	800
SVR 1300 DEPA ELITE *			1100	800
SVR 1300 DEPA DELUXE *	27	14	-	-
SVR COMPACT			750	N.D.
SVR COMPACT ELITE			660	N.D.
SVR COMPACT DELUXE	10,5	N.D.	-	-

BAGS/PALLETS

■ PALLET TYPES



■ BAG TYPES

SIZE: from 5 to 75 Kg
STANDARD SIZE: 25,50 Kg

■ NOTES

With the empty pallet magazine model 1.0, the type of pallet must be confirmed. Thanks to a new technology for empty pallet stacking, model 2.0 handles all types of pallets, up to 1300 X1100 mm size limit.

Plastic



Coated Plastic



Paper



Jute



Raffia



■ PLASTIC / RUBBER

- PP
- PE
- LDPE
- HDPE
- EVA
- PVC
- Talc
- Calcium Carbonare
- Graphite
- Caustic Soda
- ABS
- HPS

■ CHEMICAL PRODUCTS

- Titanium Dioxide
- Ammonium Sulphate
- Rosin
- Caprolactam
- Pesticides
- Pigments
- Silicones
- Phosphates
- Granules
- Soda Products

■ FOOD



Coffee beans



Sugar



Corn



Tea



Coffee powder



Powdered milk



Cloves



Sunflower



Cocoa beans



Cocoa powder



Pet Food



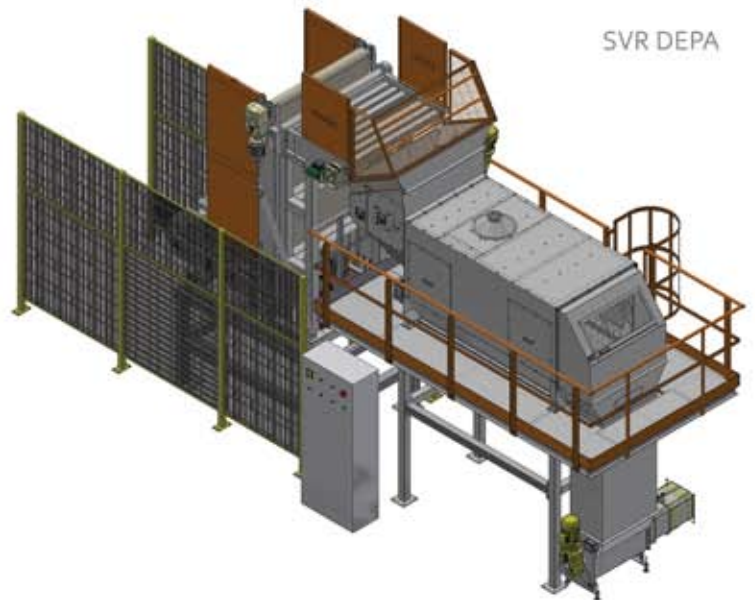
Flour

SVRDEPA

SVR DEPA is the historical bag-emptying machine which has been manufactured by COMAV since 1980 and has obtained considerable appreciation on the market for its extreme reliability and versatility.

This model, capable of handling any type of bag and material with the same efficiency, ensures a safe response to the most varied market demands..

SVR DEPA can be supplied in version with depalletiser only, where full pallet load is carried out with forklift truck or pallet truck, with manual removal of the empty pallet, or can be supplied in more automated versions with empty pallet magazine (stacking of up to 8 empty pallets) and/or full pallet magazine. The most automated version, with full pallet magazine, reduces manual work and ensures high productivity. PLC-management allows to integrate the whole storage process, possibly by interfacing with a local network.



1300, 1300 Elite and 1300 Deluxe versions are mainly offered for coffee or cocoa bags with oversize pallets, for example 1800x1500 mm

■ APPLICATION

BAGS: any
SIZE: various
PRODUCTS: any

■ PROJECT

EMPTYING FACTOR: 99.99% for granular materials, 99.97% for powder materials
WORK CYCLE: Automatic
MANAGEMENT: PLC

■ MODELS

SVR DEPA
SVR DEPA ELITE
SVR DEPA DELUXE

■ CHARACTERISTICS

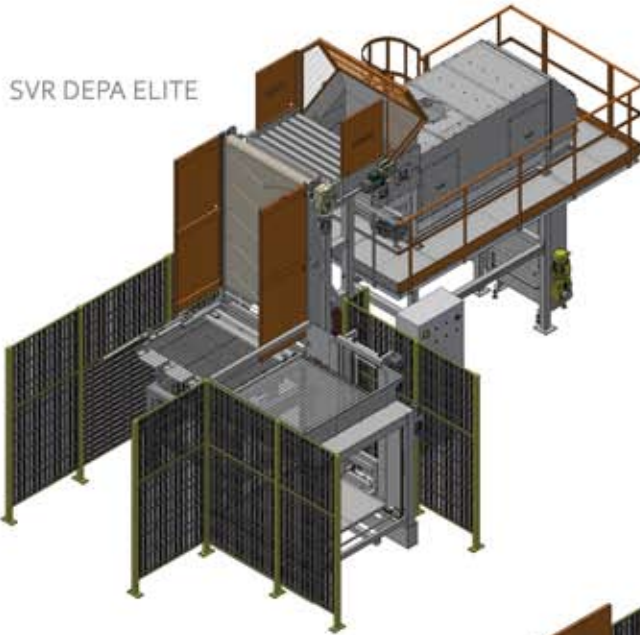
PARTS IN CONTACT WITH THE MATERIAL: Carbon Steel or 304/316L Steel
SUPPORT: Painted iron

■ ACCESSORIES

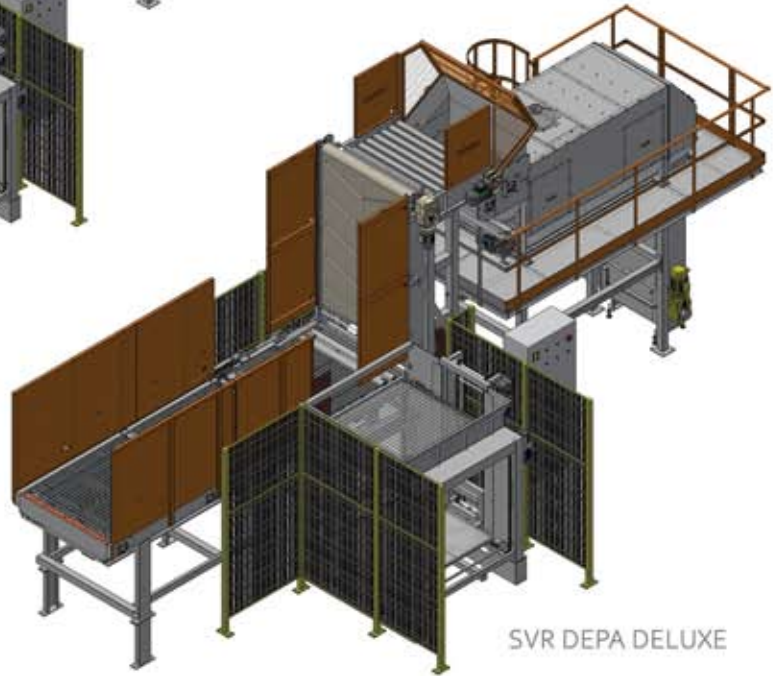
Press for empty bags	Winnower
Hydraulic Press	Sieve
Pneumatic Conveyor	Profinet Module
Rotary Valve	Profibus Module
Filter	High Temperature Kit

■ COMPLIANCE





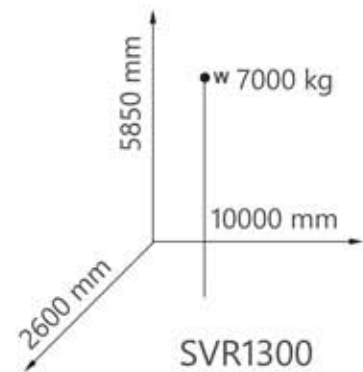
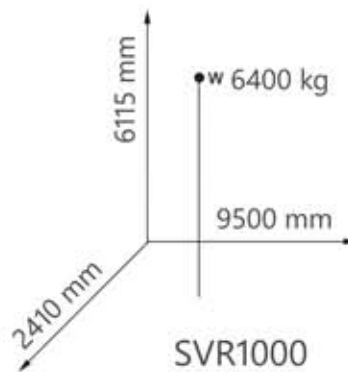
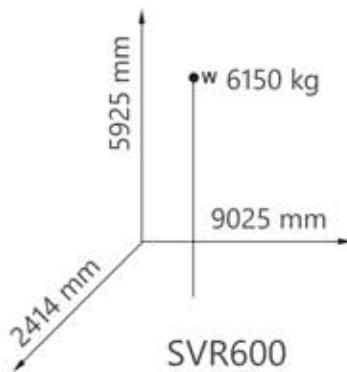
SVR DEPA ELITE



SVR DEPA DELUXE

■ **DIMENSIONS AND WEIGHT****

Referred to SVR DEPA model with CP, for other versions please contact COMAV
 ** the values are to be considered indicative and subject to changes depending on the type of project



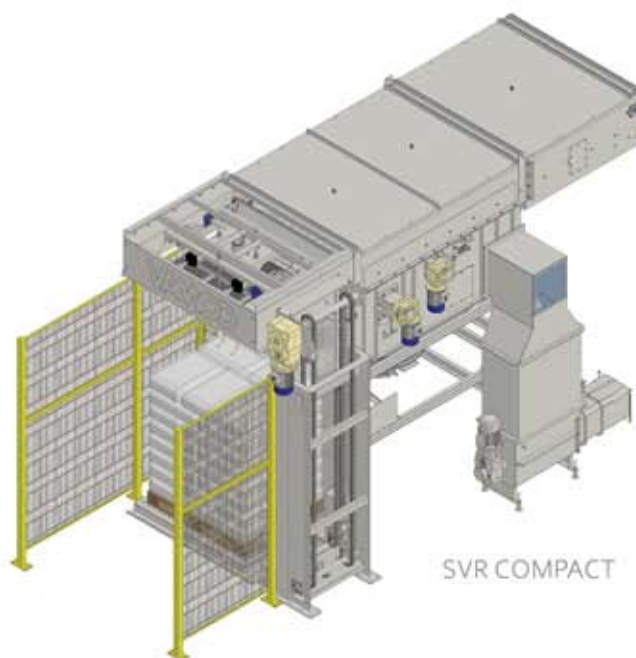
SVR COMPACT

The automatic bag-emptying machine SVR Compact, patented by COMAV, meets the needs of plastic industry with a compact and clean solution for granular product emptying.

The special needle gripper allows a slight lifting of the bag, without forcing the bag surface and damaging it.

It is inverter managed and allows setting the cutting blades and the beaters, according to the type of bag, improving emptying.

The high level of safety of SVR Compact model makes it the ideal partner for companies looking for a highly automated bag-emptying machine, with interface levels among the most sophisticated currently available on the market.



■ APPLICATION

BAGS: plastic, coated paper
SIZE: 25 Kg
PRODUCTS: plastic granules

■ PROJECT

EMPTYING FACTOR: 99.99% for plastic granules
WORK CYCLE: Automatic
MANAGEMENT: PLC

■ MODELS

SVR COMPACT
SVR COMPACT ELITE
SVR COMPACT DELUXE

■ CHARACTERISTICS

PARTS IN CONTACT WITH THE MATERIAL: Carbon Steel or 304/316L Steel
SUPPORT: Painted iron

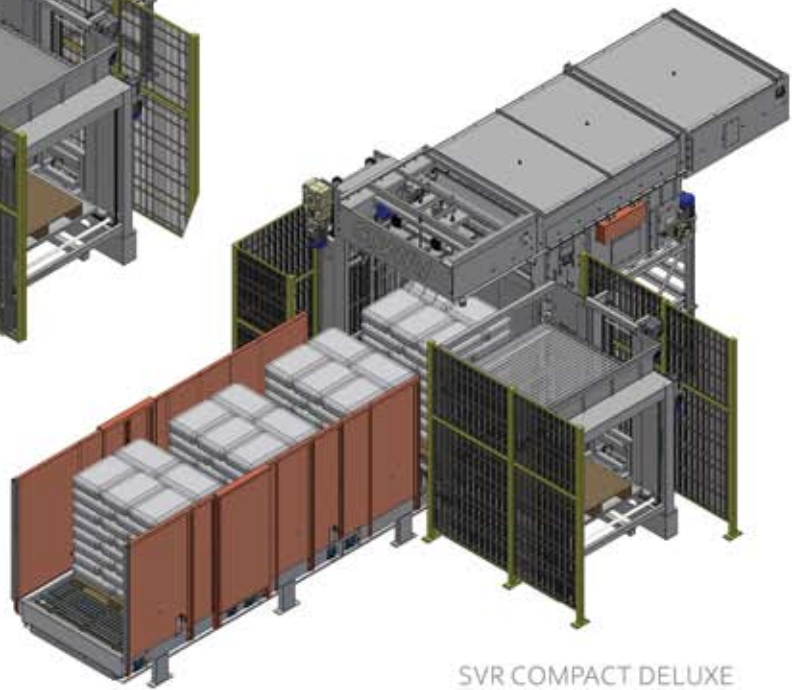
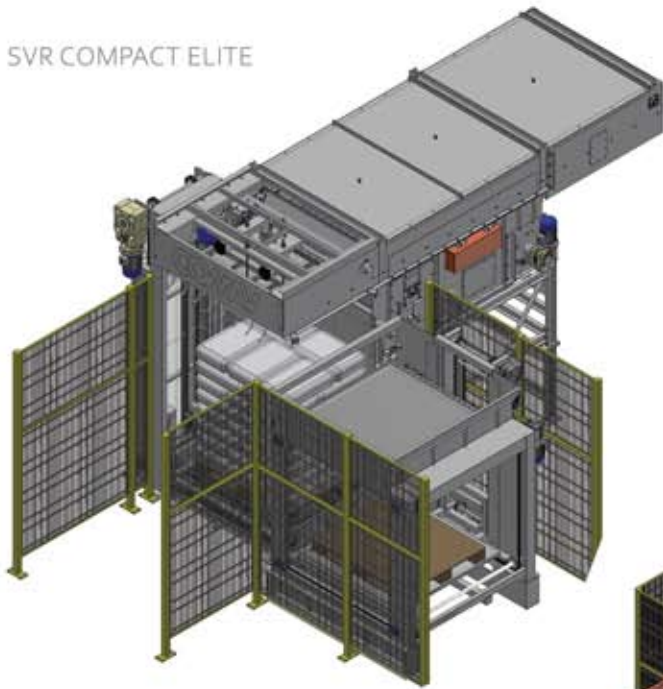
■ ACCESSORIES

Press for empty bags	Winnower
Hydraulic Press	High Temperature Kit
Pneumatic Conveyor	Profinet Module
Rotary Valve	Profibus Module

■ COMPLIANCE



SVR COMPACT ELITE

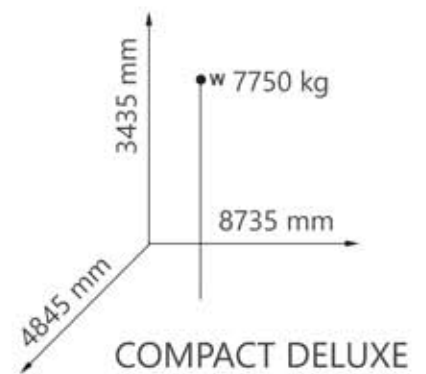
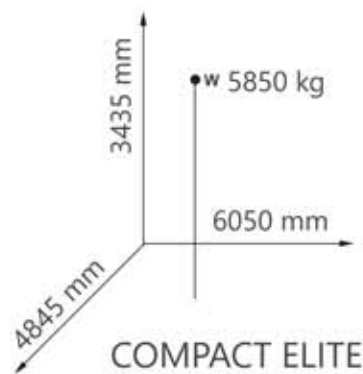
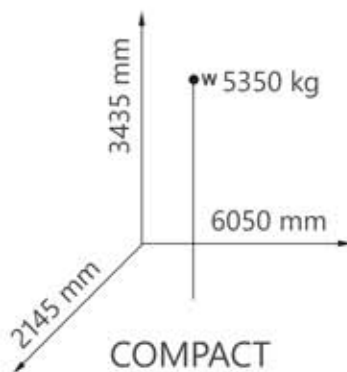


SVR COMPACT DELUXE

■ **DIMENSIONS AND WEIGHT****

Referred to SVR COMPACT model with CP, for other versions please contact COMAV

** the values are to be considered indicative and subject to changes depending on the type of project



SVR_{NT}

SVR NT is a bag-emptying machine with belt feeding and manual and/or automatic load, suitable to empty bags with powder and granular products.

With a cutting section configured by the bag/product factor and a rotary drum, the separation is carried out with the product conveyed in the collection hopper, which then is pneumatically or mechanically conveyed.

The empty bag is compacted with a screw feeder or hydraulic press.

The NT model is available in ATEX and EC1935/2004 versions, as well as special versions according to the type of project.



■ APPLICATION

BAGS: any
SIZE: 25,50 Kg
PRODUCTS: any

■ PROJECT

EMPTYING FACTOR: 99.99% for granular materials, 99.97% for powder materials
WORK CYCLE: Semi-Automatic
MANAGEMENT: Electromechanical Panel

■ MODELS

SVR150
SVR300
SVR600
SVR1000

■ CHARACTERISTICS

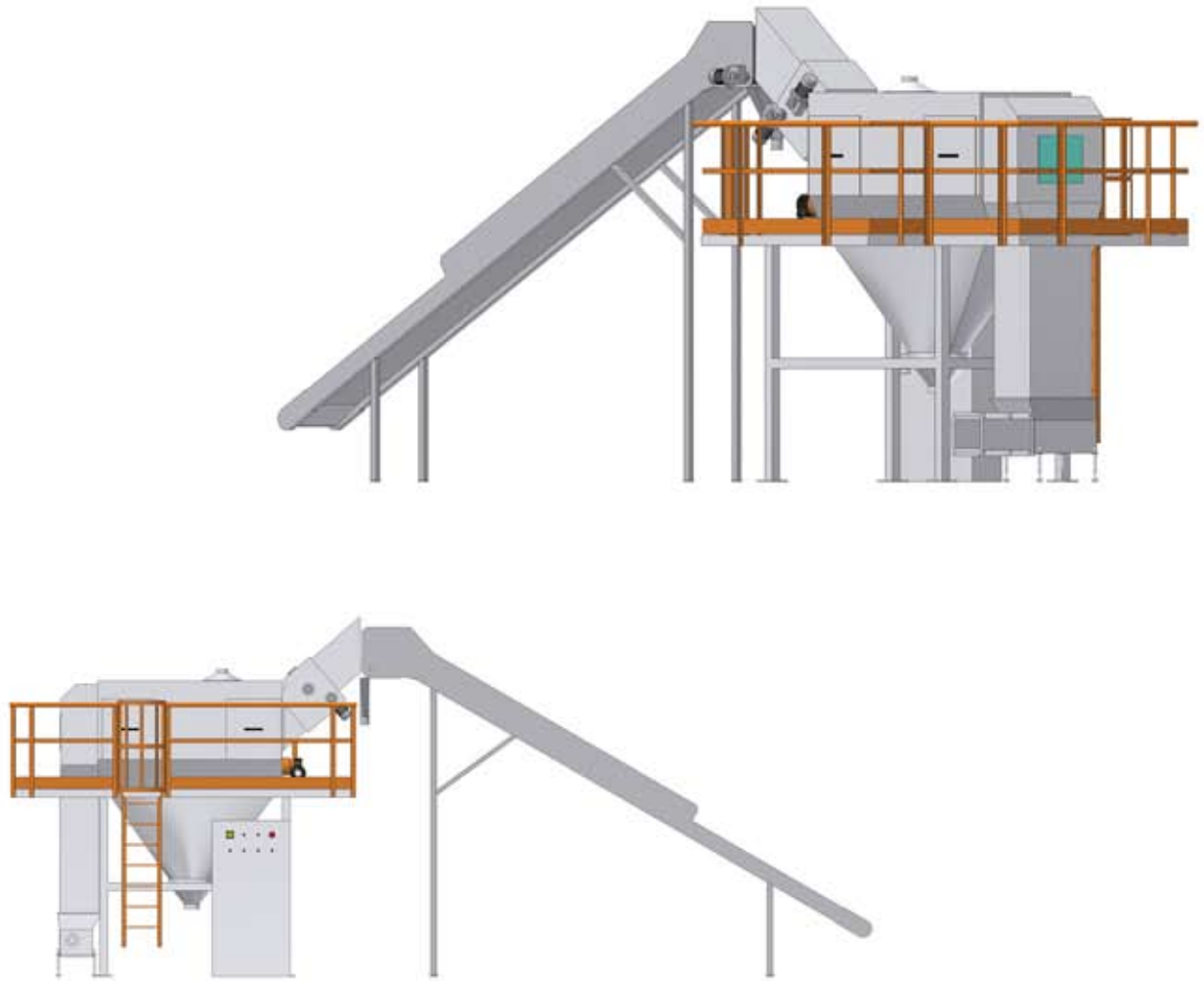
PARTS IN CONTACT WITH THE MATERIAL: Carbon Steel or 304/316L Steel
SUPPORT: Painted iron

■ ACCESSORIES

Press for empty bags	Bag Cleaner
Hydraulic Press	PLC
Pneumatic Conveyor	Winnower
Rotary Valve	Sieve
Filter	Profinet / Profibus

■ COMPLIANCE

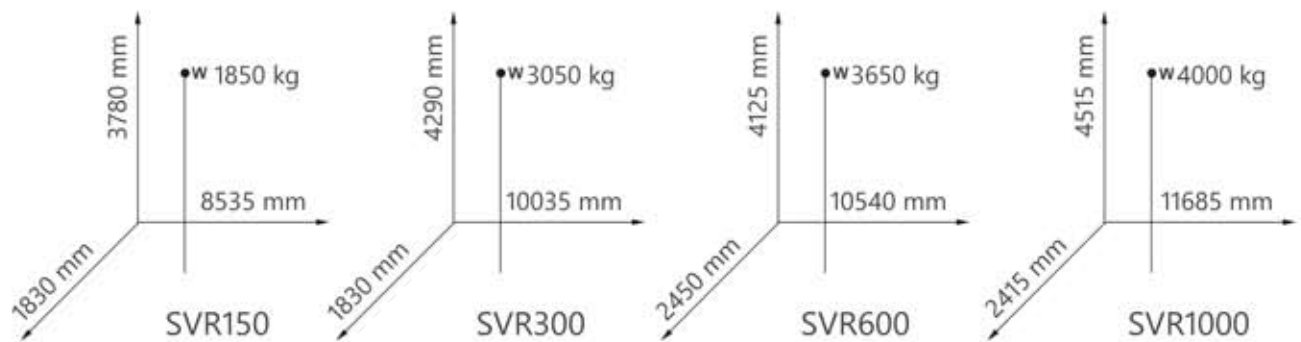




■ **DIMENSIONS AND WEIGHT****

Referred to SVR NT model with CP, for other versions please contact COMAV

** the values are to be considered indicative and subject to changes depending on the type of project



SVRNT SHORT

SVR NT Short has been designed for applications in environments with little height available, still ensuring high emptying performance.

A screw feeder integrated in the hopper conveys the material to the discharge, significantly reducing the machine height.

The possible total opening of the hopper ensures a thorough cleaning in case of product changeover.

Also in this version, as in the other SVR NT versions, the feeding belt is designed depending on the available space and the product type.



■ APPLICATION

BAGS: any
SIZE: 25,50 Kg
PRODUCTS: any

■ PROJECT

EMPTYING FACTOR: 99.99% for granular materials, 99.97% for powder materials
WORK CYCLE: Semi-Automatic
MANAGEMENT: Electromechanical Panel

■ MODELS

SVR150
SVR300

■ CHARACTERISTICS

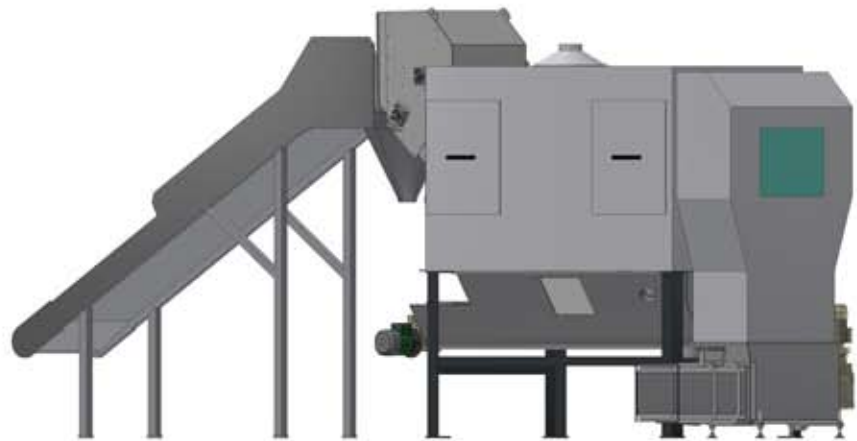
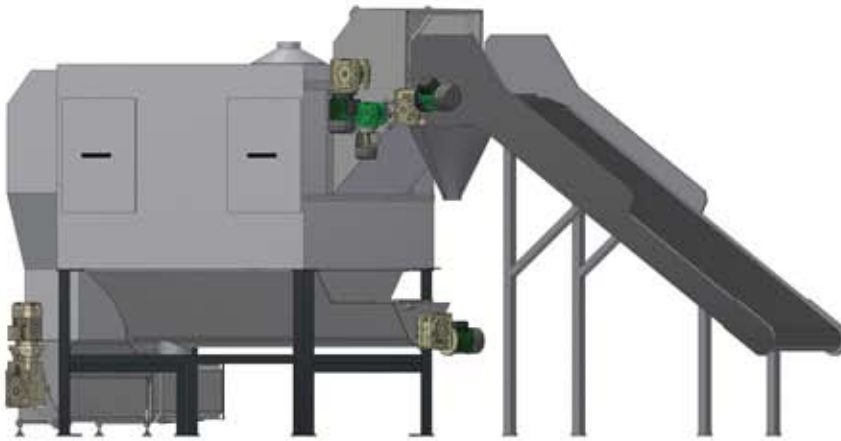
PARTS IN CONTACT WITH THE MATERIAL: Carbon Steel or 304/316L Steel
SUPPORT: Painted iron

■ ACCESSORIES

Press for empty bags	High Temperature Kit
Pneumatic Conveyor	PLC
Rotary Valve	Winnower
Filter	Profinet / Profibus

■ COMPLIANCE

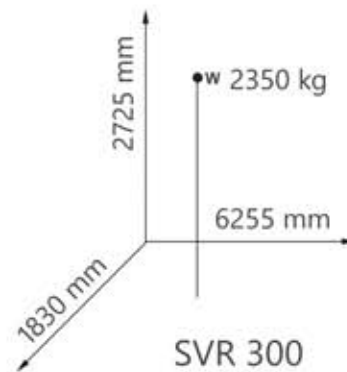
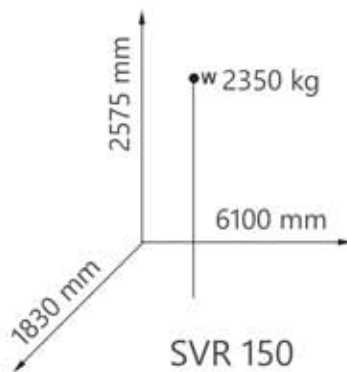




■ **DIMENSIONS AND WEIGHT****

Referred to SVR NT SHORT model with CP, for other versions please contact COMAV

** the values are to be considered indicative and subject to changes depending on the type of project



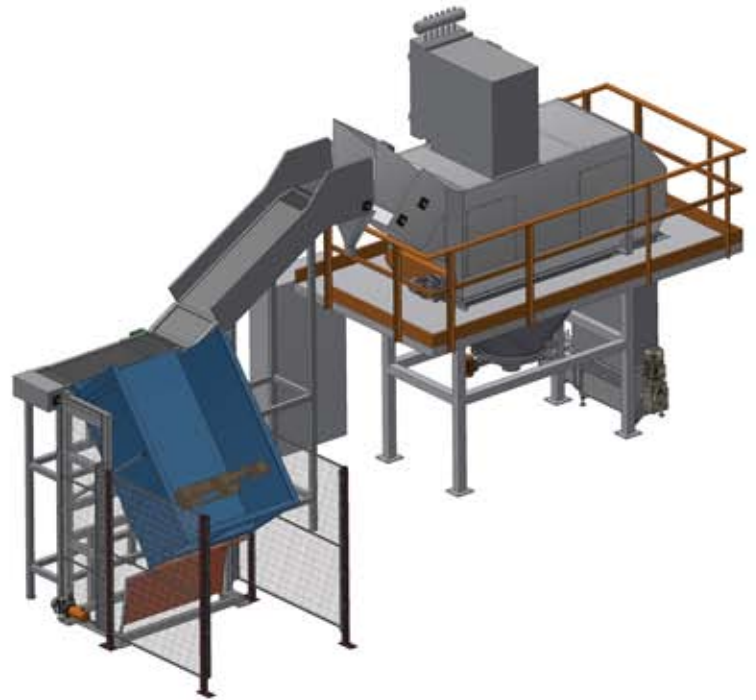
SVRNTLT

COMAV has developed a bag emptying machine with a hybrid pallet loading concept, particularly appreciated in the agricultural-food industry, which seeks a compromise between automatic loading and the possibility to handle many types of bags.

With the aid of a service platform, the operator places and aligns the bags on the conveyor belt, which automatically conveys them to the cutting area.

The pallet is lifted and tilted using a push-button panel fixed in the platform.

The rotary drum, as in SVR DEPA and SVR NT models, separates the product from the bag so that the bag can be subsequently compacted.



■ APPLICATION

BAGS: any
SIZE: 5,10,15,20,25,50 Kg
PRODUCTS: any

■ PROJECT

EMPTYING FACTOR: 99.99% for granular materials, 99.97% for powder materials
WORK CYCLE: Semi-Automatic
MANAGEMENT: Electromechanical Panel

■ MODELS

SVR300
SVR600

■ CHARACTERISTICS

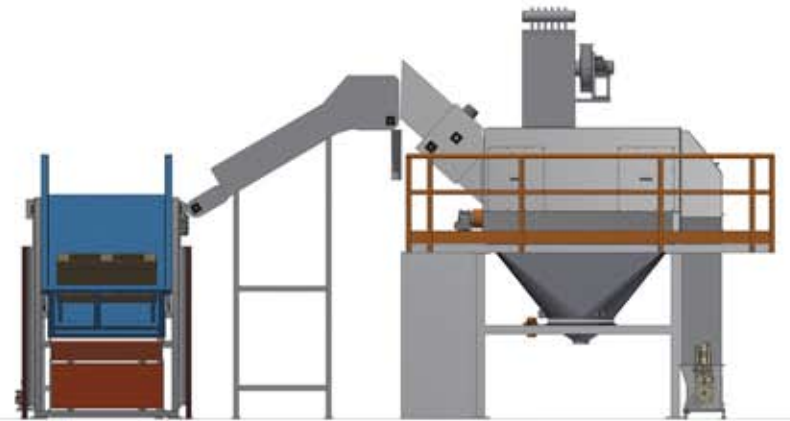
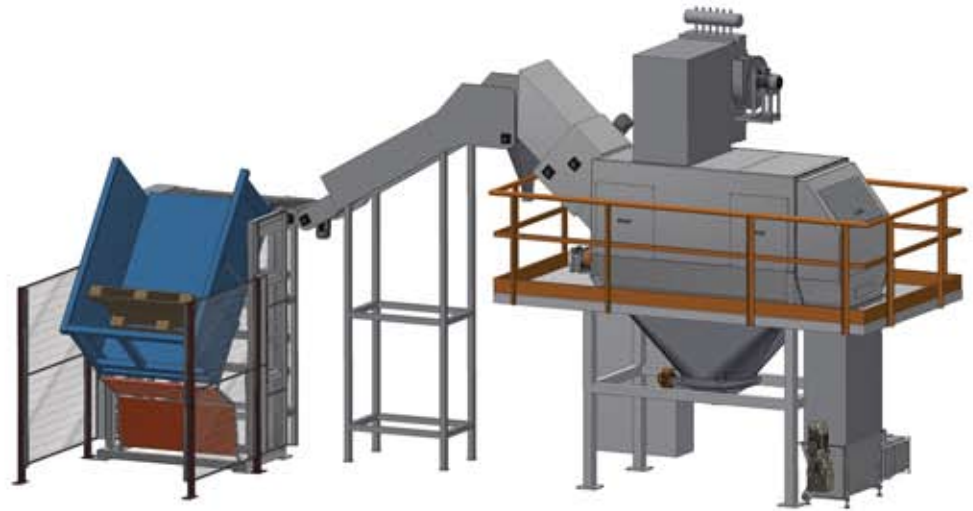
PARTS IN CONTACT WITH THE MATERIAL: Carbon Steel or 304/316L Steel
SUPPORT: Painted iron

■ ACCESSORIES

Press for empty bags	High Temperature Kit
Hydraulic Press	PLC
Pneumatic Conveyor	Winnower
Rotary Valve	Sieve
Filter	Profinet / Profibus

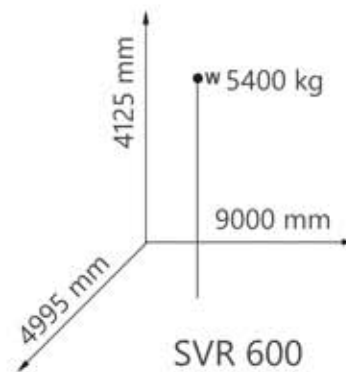
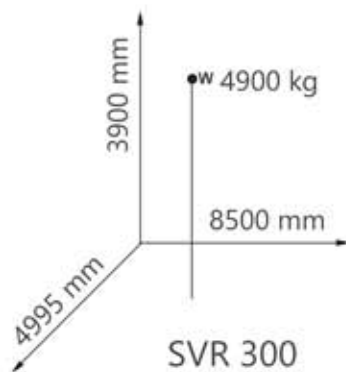
■ COMPLIANCE





■ **DIMENSIONS AND WEIGHT****

Referred to SVR NT LT model with CP, for other versions please contact COMAV
 ** the values are to be considered indicative and subject to changes depending on the type of project



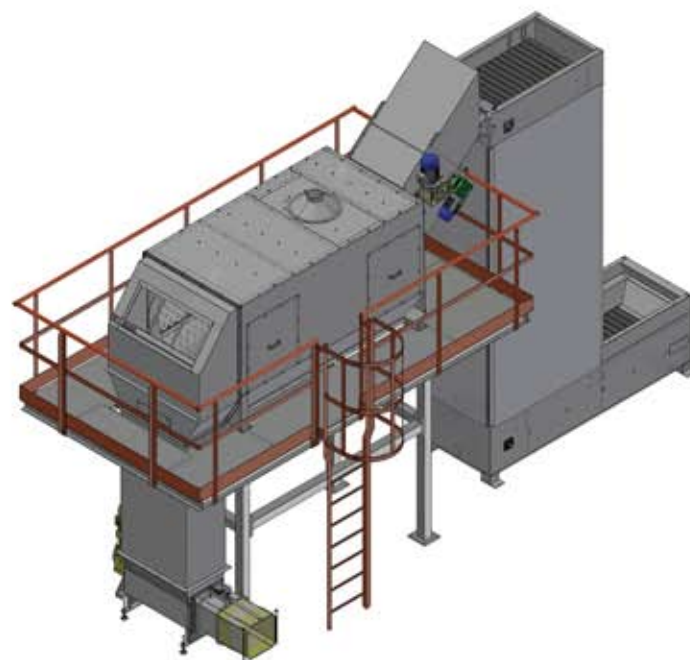
SVREL

The bag emptying concept of SVR EL model remains unchanged compared to SVR DEPA and SVR NT models, with the exception of a lifter feeding the cutting section.

Thanks to this innovative solution, it is possible to position the machine body on a different level from the loading level.

A typical application is the direct discharge to a mixer or tank, avoiding, among other things, contamination resulting from the installation of several mechanical components.

When manual loading is required but the space to install a conveyor belt is insufficient, the technology with elevator reduces the overall dimensions.



■ APPLICATION

BAGS: any
SIZE: 25,50 Kg
PRODUCTS: any

■ PROJECT

EMPTYING FACTOR: 99.99% for granular materials, 99.97% for powder materials
WORK CYCLE: Semi-Automatic
MANAGEMENT: Electromechanical Panel

■ MODELS

SVR150
SVR300
SVR600
SVR1000

■ CHARACTERISTICS

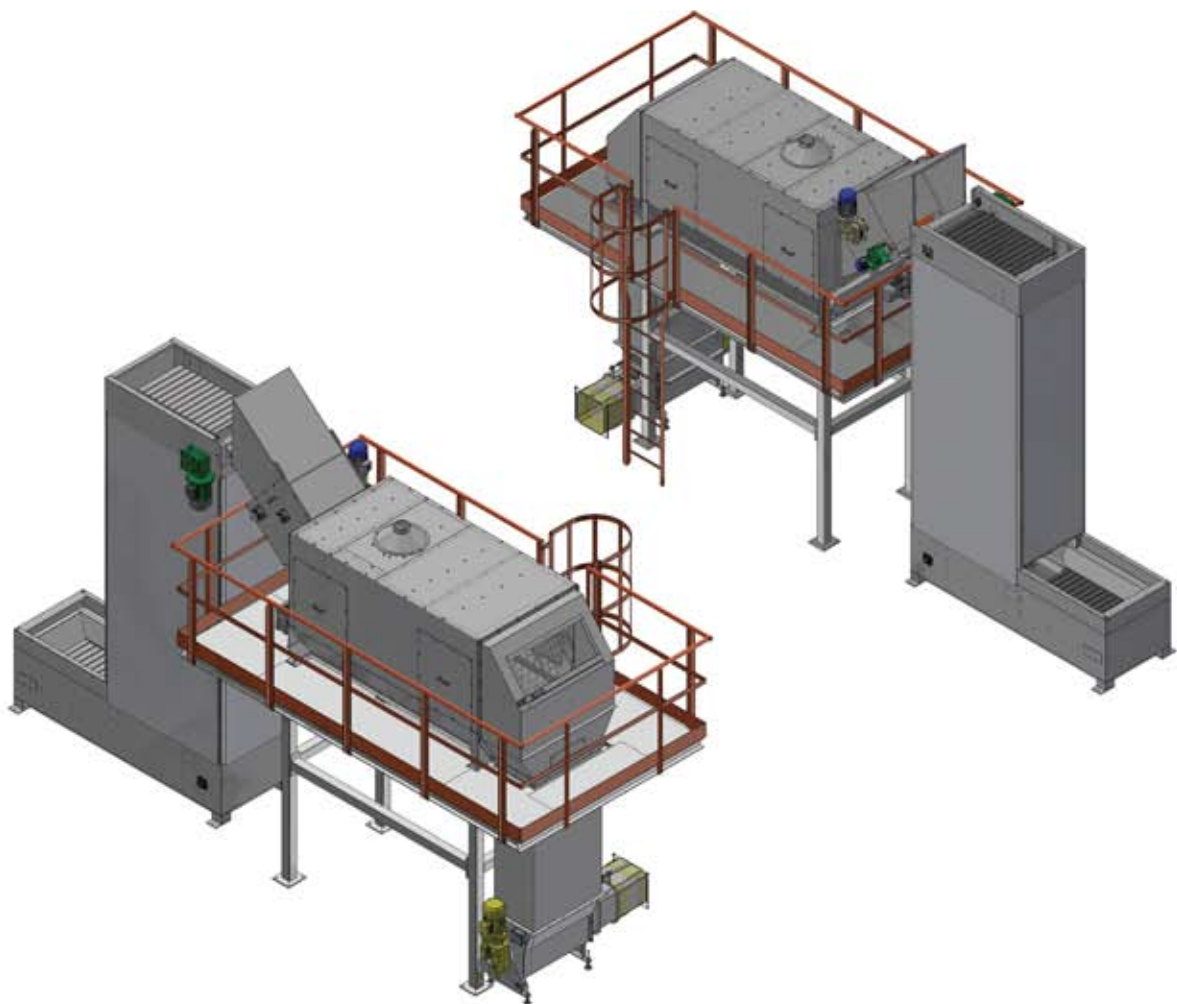
PARTS IN CONTACT WITH THE MATERIAL: Carbon Steel or 304/316L Steel
SUPPORT: Painted iron

■ ACCESSORIES

Press for empty bags	PLC
Hydraulic Press	Winnower
Pneumatic Conveyor	Sieve
Rotary Valve	Profinet Module
Filter	Profibus Module

■ COMPLIANCE





■ DIMENSIONS AND WEIGHT**

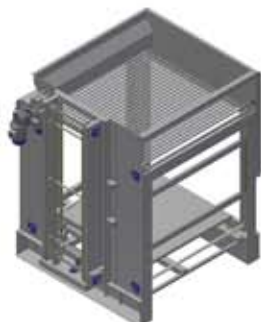
Dimensions are not available, as this is a fully customised machine depending on the project.

For more information, please contact COMAV

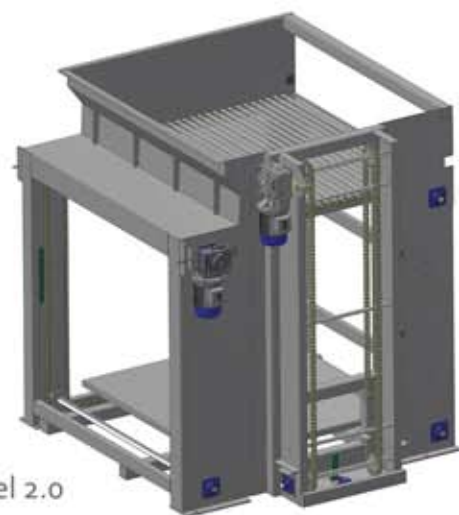
ACCESSORIES

Empty pallet magazine

Used to halve the loading time of the SVR: it handles up to 8 empty pallets to comply with the safety directives. Using a forklift truck, it is possible to remove the empty pallet stack.



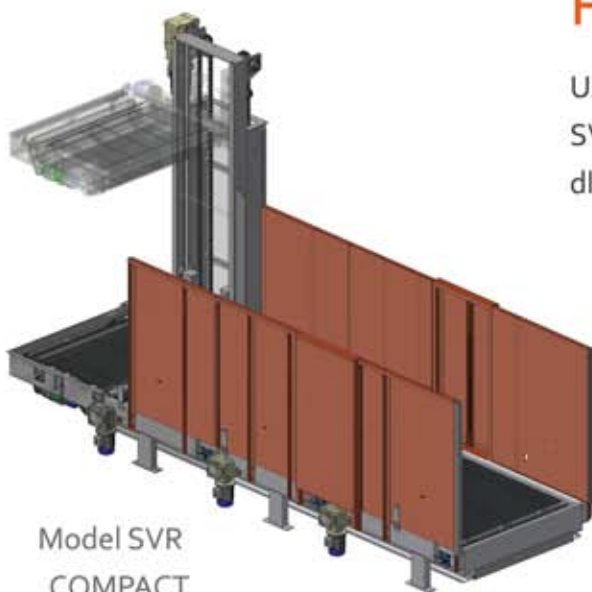
Model 1.0



Model 2.0

Full pallet magazine

Used to increase the loading automation of the SVR. The number of full pallets automatically handled varies according to the needs.



Model SVR
COMPACT



Model SVR DEPA

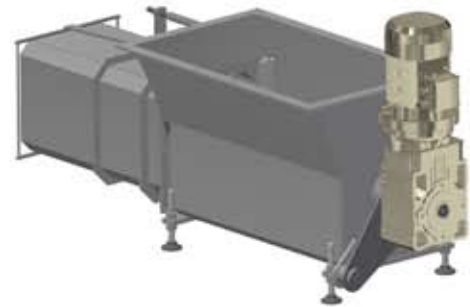
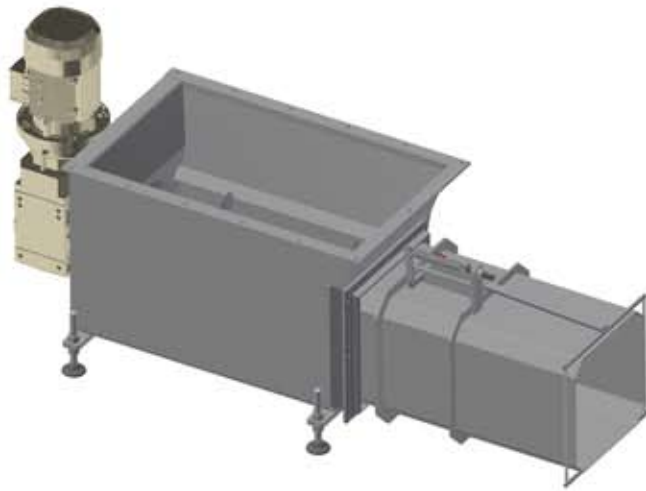
Motor

The bag-emptying machine can be supplied with motors for temperatures up to 45°C



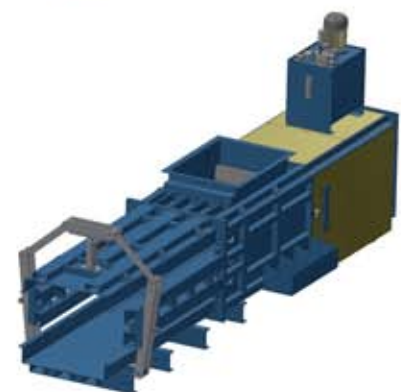
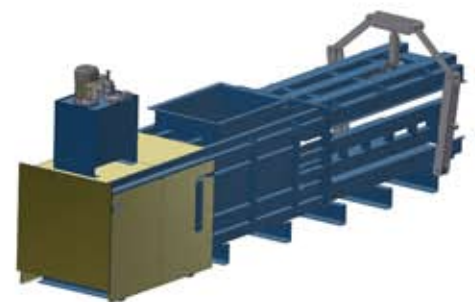
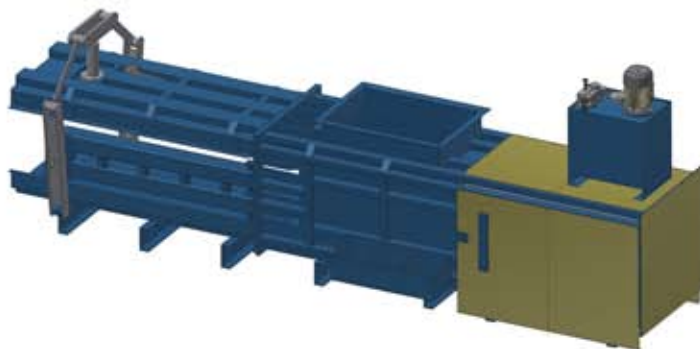
CP Press

Suitable to collect the emptied bags in a plastic tube. Up to 60 empty bags per metre can be collected.



Hydraulic Press

It forms bales whose dimensions are preset by the user according to a compression factor of 800 / 1000 empty bags per meter.

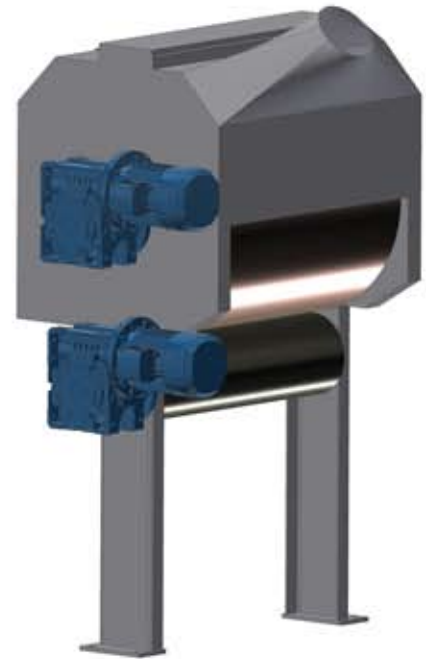


ACCESSORIES

Lifting Table



Bag Cleaner



Pneumatic Conveyor



Eurosack



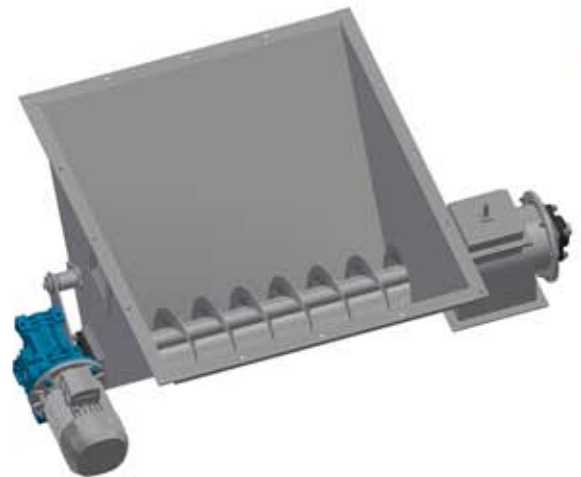
Pneumatic conveyor and load to Silos integrated handling



Compressor



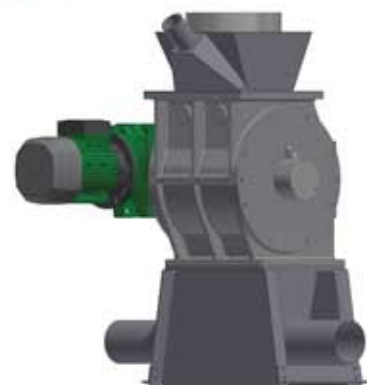
Hopper screw feeder



Rotary valve DTS/DTP



Rotary valve VSD



Quick cleaning rotary valve



COMAV

Your Partner in Bulk Material since 1980

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COMAV

bulk material handling valves

CATALOGUE



Your partner in bulk materials since 1980

ROTARY VALVES

VSD	Drop through rectangular flange	2
VSTD	Drop through round flange	4
VSF	Blow through rectangular flange	6
VSTF	Blow through round flange	8
VSFC	Blow through rectangular flange	10
ROTORS		12
ACCESSORIES		14
VERSIONS	Detachable, High Temp, on Trolley, on Platform	21

DIVERTER VALVES

DTS	Static seal	22
DTP	Pressurized seal	26
DT ACCESSORIES		28
DT VERSIONS		31
VDF	Flexible pipe	32
VDP	Swinging pipe	34
DTG2W	Gravimetric 2 ways	36
DTG3W	Gravimetric 3 ways	38

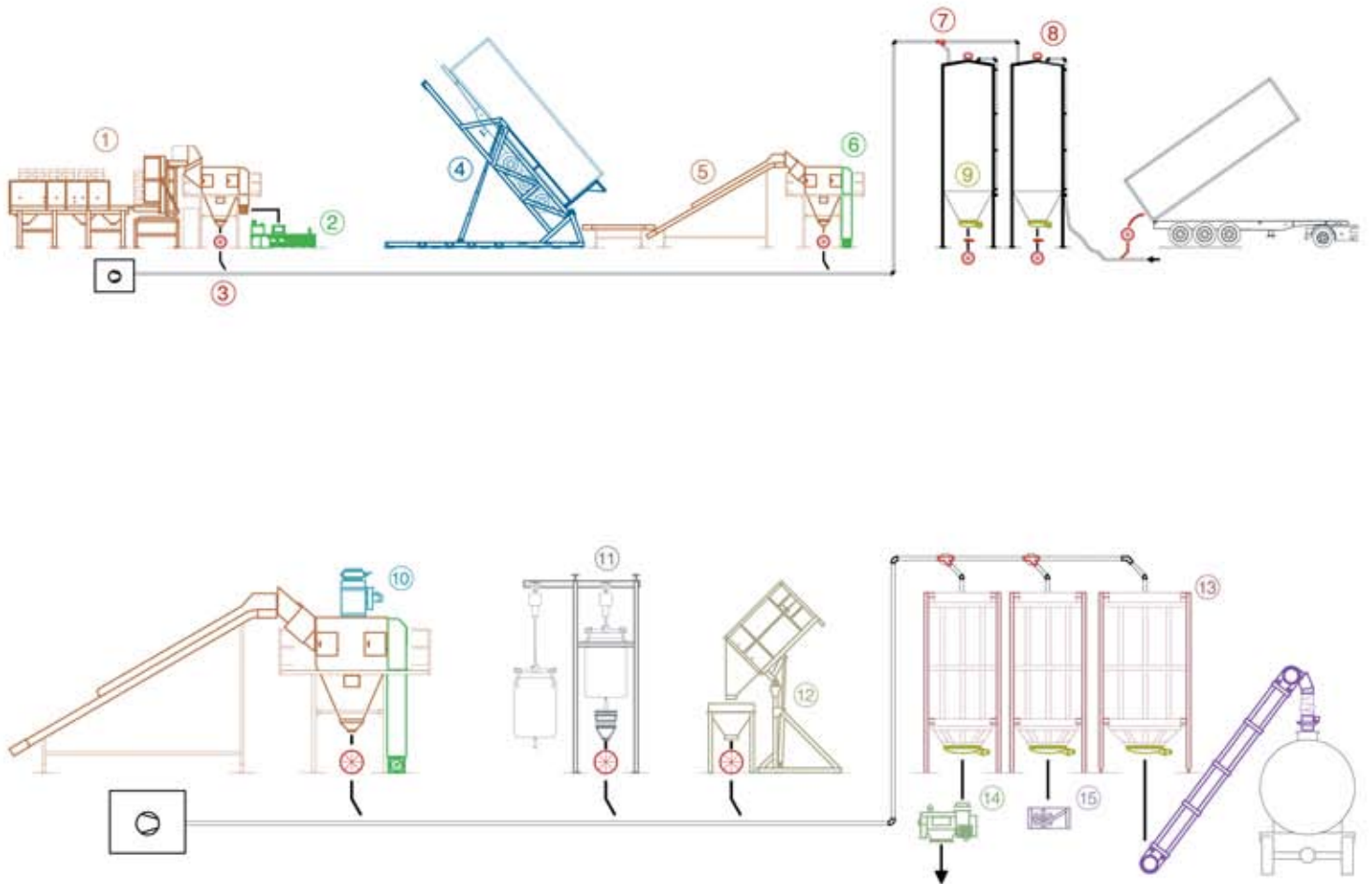
KNIFE VALVES

SGA1	Single cylinder	40
SGA2	Double cylinder	42
SGB	Double blade	44
SGM	Emergency gate valve	46

RELIEF VALVE

VPP	Over Under pressure valve	48
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OVERVIEW



① BAG EMPTYING MACHINE
WITH DEPALLETIZER

② BALING PRESS

③ ROTARY VALVE

④ TILTING STATION

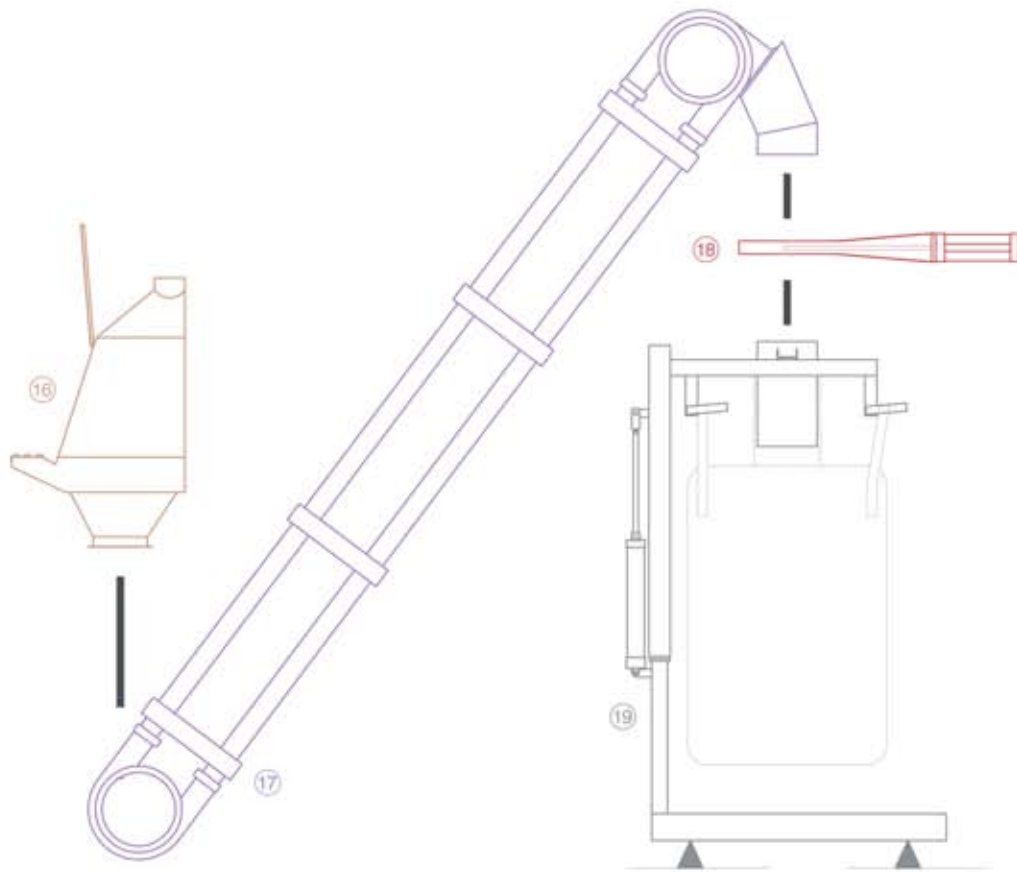
⑤ BAG EMPTYING MACHINE
WITH BELT CONVEYOR

⑥ EMPTY BAG PRESSING SCREW

⑦ DIVERTER VALVE

⑧ RELIEF VALVE

⑨ BIN ACTIVATOR



⑩ AIR JET FILTER

⑮ LUMP BRAKER

⑪ BIG BAG DISCHARGER

⑯ MANUAL DEBAGGING UNIT

⑫ OCTA-BIN

⑰ AERO CONVEYOR

⑬ TREVIRA SILO

⑱ KNIFE VALVE

⑭ SIFTER

⑲ FIBC

DROP THROUGH ROTARY VALVES are designed to handle pneumatic conveying in dilute and dense phase for every industrial application such as food, plastic, rubber, chemical, pharmaceutical and mining. Thanks to COMAV'S TECHNOLOGY our valve is used for powders, granules, flakes and pellets, assuring a perfect reliability and meeting a wide range of customer's requirements. The rectangular flange and a special disalignment allow a complete cell discharge without any breakage of the product



APPLICATIONS

- METERING
- DISCHARGE
- POWDER
- GRANULE
- GENERAL PNEUMATIC CONVEYING
- MOCA – EC1935/2004

DESIGN

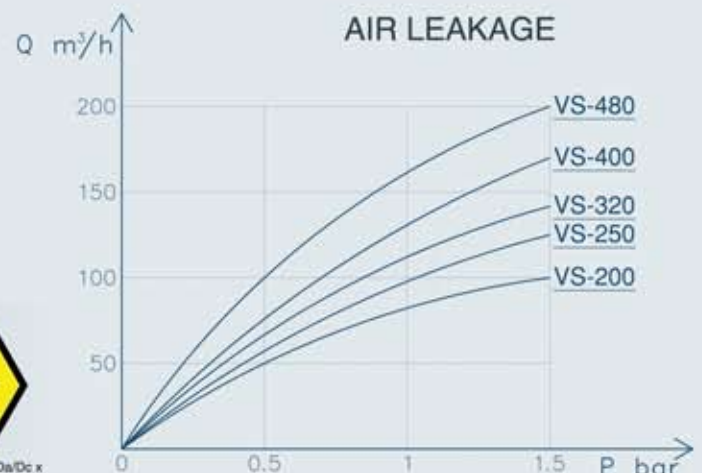
- FLANGING: RECTANGULAR
- SIZE: 200,250,320,400,480
- HOUSING: CAST IRON CASTING, SS316L CASTING
- ROTOR: WELDED CARBON STEEL OR SS304, SS316L
- DRIVE: DIRECT DRIVE STANDARD VERSION OR CHAIN TRANSMISSION. AVAILABLE IN BARE SHAFT VERSION ALL OUR DRIVES CAN BE CONTROLLED BY INVERTER
- ROBUST&COMPACT DESIGN WITH MINIMAL ROTOR TOLERANCE

FEATURES

- PRESSURE: 1,5 BAR
- TEMPERATURE: MAX 65 °C
- AIR LEAKAGE: SEE CHART
- INTEGRATED CASTING INNER HOPPER (BETTER FILLING EFFICIENCY)
- 8 VANES OPEN OR CLOSED ENDS ROTOR

OPTIONALS

- DIFFERENT ROTORS FOR DIFFERENT PRODUCTS
- NICKEL COATING EC1935/2004
- HARD CHROMIUM PLATING
- VARIOUS POLISHING DEGREES
- HIGH TEMPERATURE CONFIGURATION
- FEEDING SHOE
- FEEDING HOPPER COMPLETE WITH AIR INTAKES
- AIR BLOW-IN PURGE
- AIR INTAKE HOLE ON HOUSING
- SPEED DISPLAY
- SPEED CONTROLLER



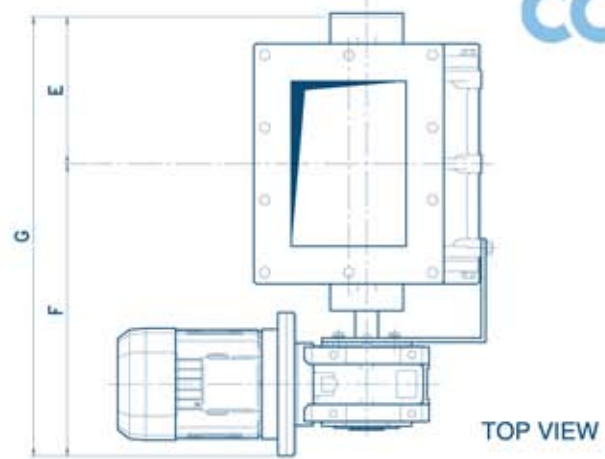
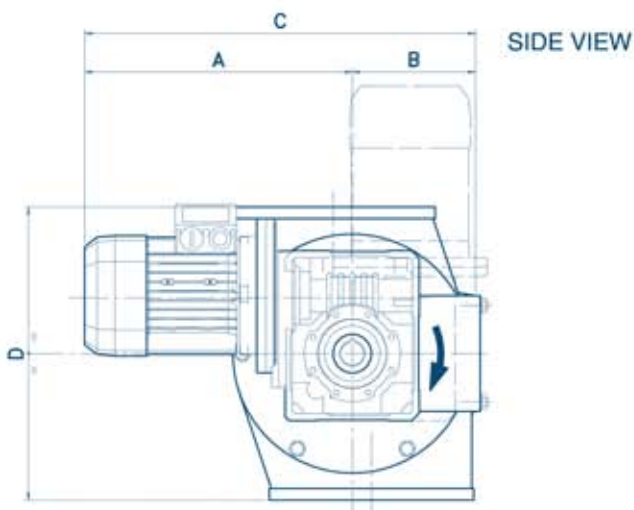
BROCHURE



COMPLIANCE

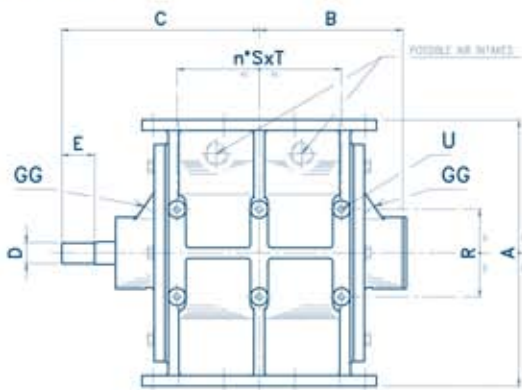


II 1/3D IIC T135°C Da/Dc x



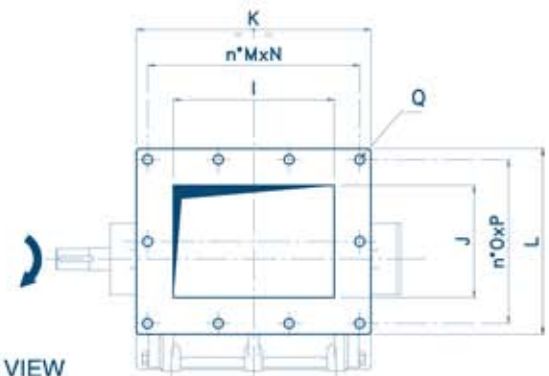
	A	B	C	D	E	F	G	L./Rev.	Rev./1' max	POWER	WEIGHT
200	350	130	480	320	190	380	570	4,5	30	Kw 0.55	Kg 80
250	350	160	510	380	205	395	600	8	30	Kw 0.55	Kg 106
320	380	195	575	450	221	421	642	16	30	Kw 1,10	Kg 176
400	400	240	640	570	280	482	762	37	30	Kw 1,50	Kg 282
480	430	305	735	660	315	517	832	65	30	Kw 2.20	Kg 538

FRONTAL VIEW



SIDE VIEW

FLANGING VIEW



	A	B	C	D	E	F	G	H	I	J	K	L	M
200	320	190	267	∅30	47	130	132,5	20	200	140	285	225	3
250	380	205	282	∅30	47	160	157,5	25	230	160	335	265	3
320	450	221	304	∅35	53	195	192,5	40	260	200	365	305	3
400	570	280	368	∅40	56	240	237,5	55	370	260	475	365	4
480	660	315	405	∅52	65	305	282,5	70	444	300	570	425	4

	N	O	P	Q	R	S	T	U	L./Rev.	WEIGHT	GG
200	86	2	99	∅12	115	1	210	M10	4,5	Kg 64	1/8" GAS
250	101	2	117	∅14	125	2	117,5	M10	8	Kg 90	1/8" GAS
320	111	2	136	∅14	175	2	132,5	M10	16	Kg 147	1/8" GAS
400	110	2	165	∅14	220	3	125	M10	37	Kg 260	1/4" GAS
480	132	2	191	∅18	220	3	150	M10	65	Kg 492	1/4" GAS

VSTD DROP THROUGH ROTARY VALVE

DROP THROUGH ROTARY VALVES are designed to handle pneumatic conveying in dilute and dense phase for every industrial application such as food, plastic, rubber, chemical, pharmaceutical and mining. Thanks to COMAV'S TECHNOLOGY our valve is used for powders, granules, flakes and pellets, assuring a perfect reliability and meeting a wide range of customer's requirements. The round flange allows an easy connection to the conveying line and the equipment.



APPLICATIONS

METERING
DISCHARGE
POWDER
GRANULE
GENERAL PNEUMATIC CONVEYING
MOCA – EC1935/2004

DESIGN

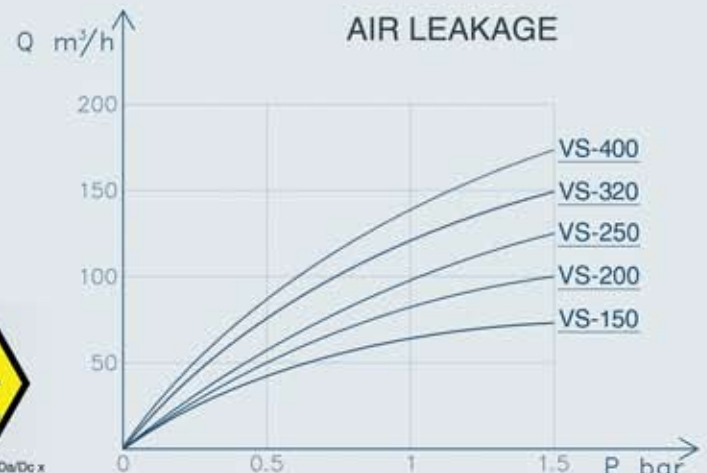
FLANGING: ROUND UNI 2277-67 PN 10
SIZE: DN150, DN200, DN250, DN320, DN400
HOUSING: CAST IRON CASTING SS316L
ROTOR: WELDED CARBON STEEL OR SS304, SS316L
DRIVE: DIRECT DRIVE STANDARD VERSION OR CHAIN TRANSMISSION. AVAILABLE IN BARE SHAFT VERSION
ALL OUR DRIVES CAN BE CONTROLLED BY INVERTER
ROBUST&COMPACT DESIGN
WITH MINIMAL ROTOR TOLERANCE

FEATURES

PRESSURE: 1,5 BAR
TEMPERATURE: MAX 65 °C
AIR LEAKAGE: SEE CHART
INTEGRATED CASTING
INNER HOPPER (BETTER FILLING EFFICIENCY)
8 VANES OPEN OR CLOSED ENDS ROTOR

OPTIONALS

DIFFERENT ROTORS
FOR DIFFERENT PRODUCTS
NICKEL COATING EC1935/2004
HARD CHROMIUM PLATING
VARIOUS POLISHING DEGREES
HIGH TEMPERATURE CONFIGURATION
FEEDING SHOE
FEEDING HOPPER
COMPLETE WITH AIR INTAKES
AIR BLOW-IN PURGE
AIR INTAKE HOLE ON HOUSING
SPEED DISPLAY
SPEED CONTROLLER



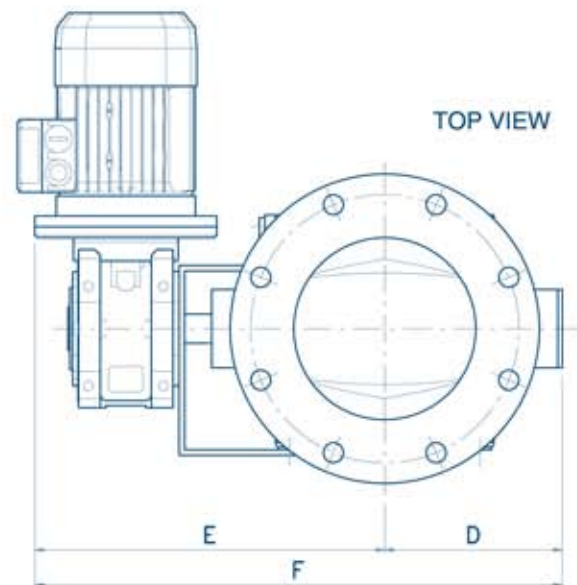
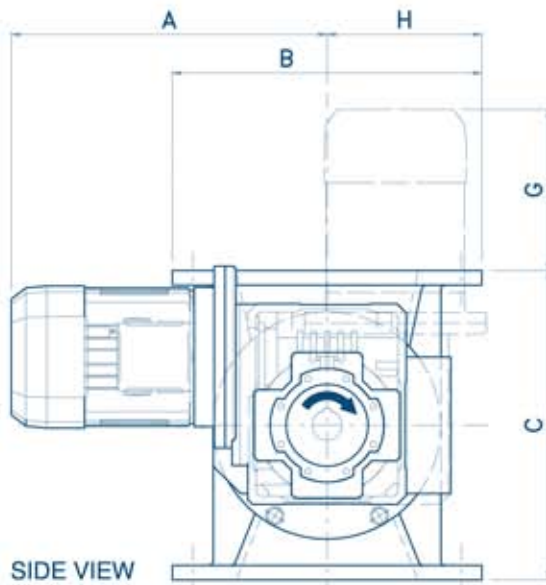
BROCHURE



COMPLIANCE

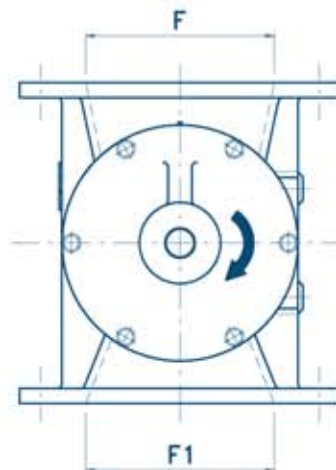
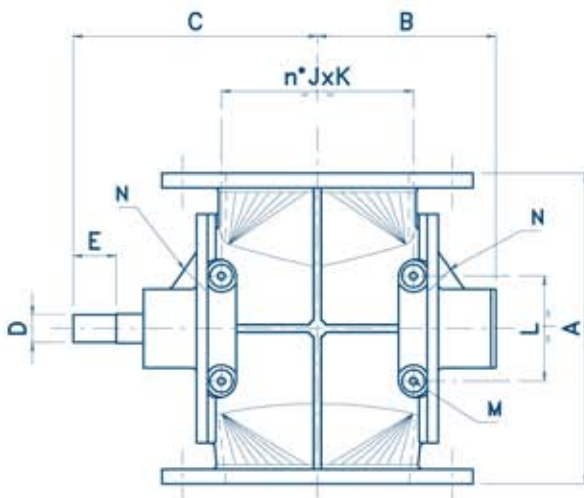


II 1/3D IIC T135°C Da/Dc x



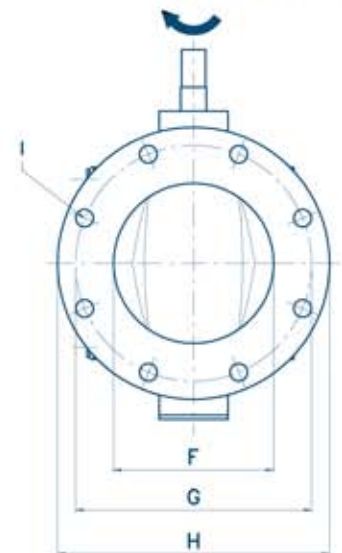
	A	B	C	D	E	F	G	H	L/Rev.	Rev./1' max	POWER	WEIGHT
150	400	∅250	260	158	325	545	180	31	2,2	30	Kw 0,18	Kg 60
200	400	∅340	340	195	385	580	180	75	4,5	30	Kw 0,55	Kg 95
250	400	∅395	400	210	400	610	180	75	8	30	Kw 0,75	Kg 115
320	450	∅445	500	225	420	645	180	87	16	30	Kw 1,10	Kg 175
400	450	∅500	580	240	440	680	180	87	37	30	Kw 1,10	Kg 215

FRONTAL VIEW



SIDE VIEW

FLANGING VIEW



	A	B	C	D	E	F	F1	G	H	I	J	K	L	M	L/Rev.	N
150	260	152	235	∅25	70	∅135	∅135	∅210	∅250	8XM16	1	165	110	4XM10	2,2	1/8" GAS
200	340	190	267	∅30	47	∅200	∅200	∅295	∅340	8X∅22	1	210	115	4XM10	4,5	1/8" GAS
250	400	205	282	∅30	47	∅265	∅265	∅350	∅395	12X∅22	2	117,5	125	6XM10	8	1/8" GAS
320	500	221	304	∅35	53	∅326	∅326	∅400	∅445	12X∅22	2	132,5	175	6XM10	16	1/8" GAS
400	570	280	368	∅40	56	∅350	∅350	∅460	∅505	16X∅22	3	125	220	8XM10	37	1/4" GAS

BLOW THROUGH ROTARY VALVES are designed to handle pneumatic conveying in dilute and dense phase for every industrial application such as food, plastic, rubber, chemical, pharmaceutical and mining. Thanks to COMAV'S TECHNOLOGY our valve is used for powders and fine products, assuring a perfect reliability and meeting a wide range of customer's requirements. The rectangular flange and a special disalignment allow a complete cell discharge without any breakage of the product

APPLICATIONS

POWDER
FINE PRODUCTS
VACUUM CONVEYING
PNEUMATIC CONVEYING
MOCA – EC1935/2004

DESIGN

FLANGING: RECTANGULAR
SIZE: 200,250,320,400,480
HOUSING: CAST IRON CASTING,
SS316L CASTING
ROTOR: WELDED CARBON STEEL OR
SS304, SS316L
DRIVE: CHAIN TRANSMISSION STANDARD VERSION OR
DIRECT DRIVE. AVAILABLE IN BARE SHAFT VERSION
ALL OUR DRIVES CAN BE CONTROLLED BY INVERTER
ROBUST&COMPACT DESIGN
WITH MINIMAL ROTOR TOLERANCE

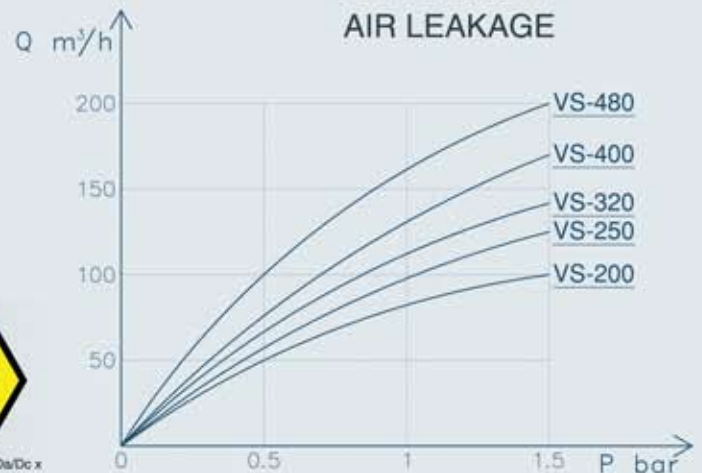
FEATURES

PRESSURE: 1,5 BAR
TEMPERATURE: MAX 65 °C
AIR LEAKAGE: SEE CHART
INTEGRATED CASTING
INNER HOPPER (BETTER FILLING EFFICIENCY)
8 VANES OPEN ENDS ROTOR



OPTIONALS

DIFFERENT ROTORS
FOR DIFFERENT PRODUCTS
NICKEL COATING EC1935/2004
HARD CHROMIUM PLATING
VARIOUS POLISHING DEGREES
HIGH TEMPERATURE CONFIGURATION
FEEDING HOPPER
COMPLETE WITH AIR INTAKES
AIR BLOW-IN PURGE
AIR INTAKE HOLE ON HOUSING
SPEED DISPLAY
SPEED CONTROLLER



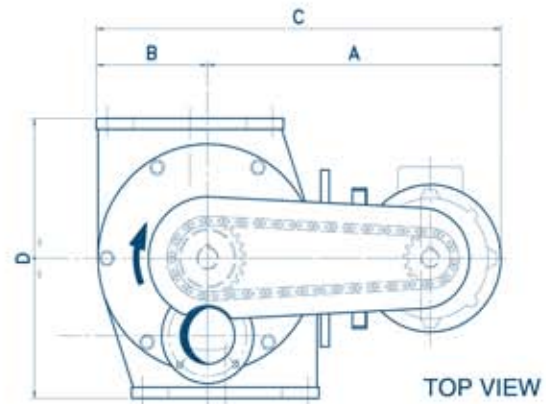
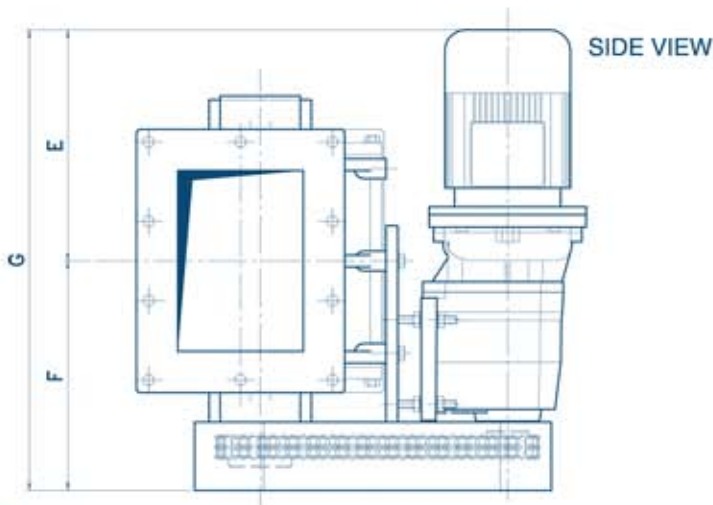
BROCHURE



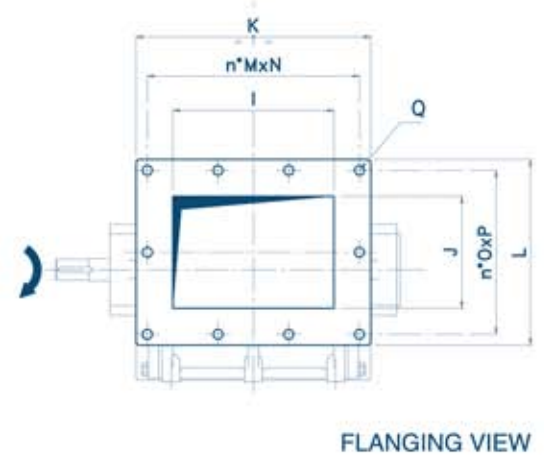
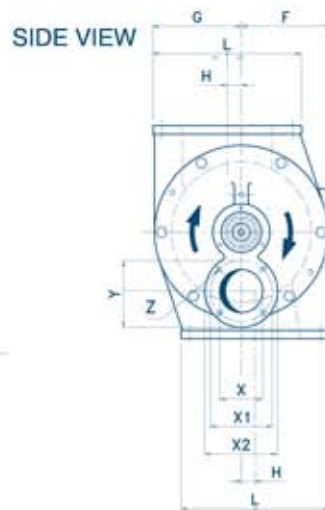
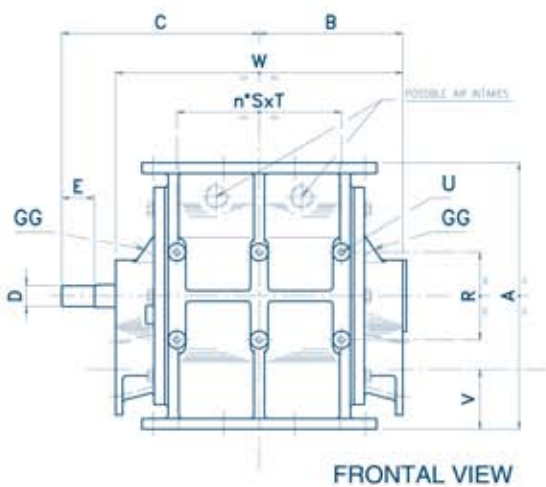
COMPLIANCE



II 1/3D IIC T135°C Da/Dc x



	A	B	C	D	E	F	G	L./Rev.	Rev./1' max	POWER	WEIGHT
200	360	132,5	492,5	320	235	280	515	4,5	30	Kw 0.37	Kg 90
250	410	157,5	567,5	380	255	295	550	8	30	Kw 0.55	Kg 127
320	455	192,5	647,5	450	274	321	595	16	30	Kw 0.75	Kg 196
400	555	237,5	792,5	570	285	380	665	37	30	Kw 1,10	Kg 345
480	635	282,5	917,5	660	255	425	680	65	30	Kw 1.50	Kg 585



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
200	320	190	267	ø30	47	130	132,5	20	200	140	285	225	3	86	2	99
250	380	205	282	ø30	47	160	157,5	25	230	160	335	265	3	101	2	117
320	450	221	304	ø35	53	195	192,5	40	260	200	365	305	3	111	2	136
400	570	280	368	ø40	56	240	237,5	55	370	260	475	365	4	110	2	165
480	660	315	405	ø52	65	305	282,5	70	444	300	570	425	4	132	2	191

	Q	R	S	T	U	V	W	X	Y	Z	X1	X2	L./Rev.	WEIGHT	GG
200	ø12	115	1	210	M10	70	380	ø60	100	M10	ø90	ø110	4,5	Kg 68	1/8" GAS
250	ø14	125	2	117,5	M10	85	410	ø77	117	M10	ø110	ø130	8	Kg 98	1/8" GAS
320	ø14	175	2	132,5	M10	100	442	ø99	148	M10	ø140	ø160	16	Kg 160	1/8" GAS
400	ø14	220	3	125	M10	131	560	ø129	189	M12	ø170	ø200	37	Kg 285	1/4" GAS
480	ø18	220	3	150	M10	147,5	630	ø156	108	M14	ø210	ø240	65	Kg 510	1/4" GAS

VSTF BLOW THROUGH ROTARY VALVE

BLOW THROUGH ROTARY VALVES are designed to handle pneumatic conveying in dilute and dense phase for every industrial application such as food, plastic, rubber, chemical, pharmaceutical and mining. Thanks to COMAV'S TECHNOLOGY our valve is used for powders and fine products, assuring a perfect reliability and meeting a wide range of customer's requirements. The round flange allows an easy connection to the conveying line and the equipment.



APPLICATIONS

- POWDER
- FINE PRODUCTS
- VACUUM CONVEYING
- PNEUMATIC CONVEYING
- MOCA – EC1935/2004

DESIGN

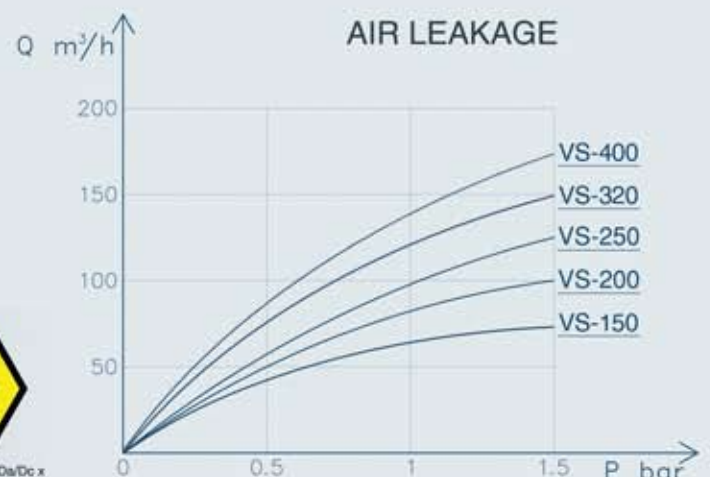
- FLANGING: ROUND UNI 2277-67 PN 10
- SIZE: DN150, DN200, DN250, DN320, DN400
- HOUSING: CAST IRON CASTING SS316L
- ROTOR: WELDED CARBON STEEL OR SS304, SS316L
- DRIVE: CHAIN TRANSMISSION STANDARD VERSION OR DIRECT DRIVE. AVAILABLE IN BARE SHAFT VERSION
ALL OUR DRIVES CAN BE CONTROLLED BY INVERTER
- ROBUST&COMPACT DESIGN
WITH MINIMAL ROTOR TOLERANCE

FEATURES

- PRESSURE: 1,5 BAR
- TEMPERATURE: MAX 65 °C
- AIR LEAKAGE: SEE CHART
- INTEGRATED CASTING
INNER HOPPER (BETTER FILLING EFFICIENCY)
- 8 VANES OPEN ENDS ROTOR

OPTIONALS

- DIFFERENT ROTORS
FOR DIFFERENT PRODUCTS
- NICKEL COATING EC1935/2004
- HARD CHROMIUM PLATING
- VARIOUS POLISHING DEGREES
- HIGH TEMPERATURE CONFIGURATION
- FEEDING HOPPER
COMPLETE WITH AIR INTAKES
- AIR BLOW-IN PURGE
- AIR INTAKE HOLE ON HOUSING
- SPEED DISPLAY
- SPEED CONTROLLER



BROCHURE

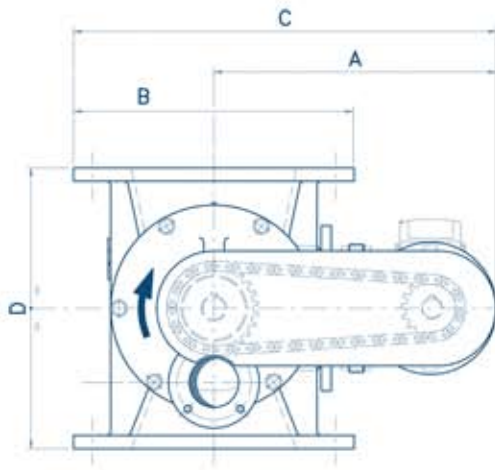


COMPLIANCE

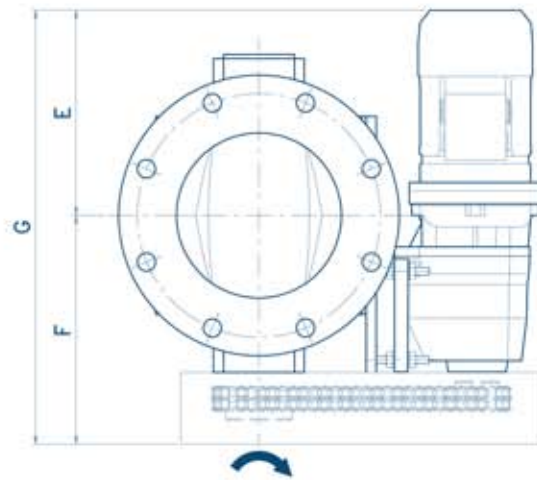


II 1/3D IIC T135°C Da/Dc x

SIDE VIEW

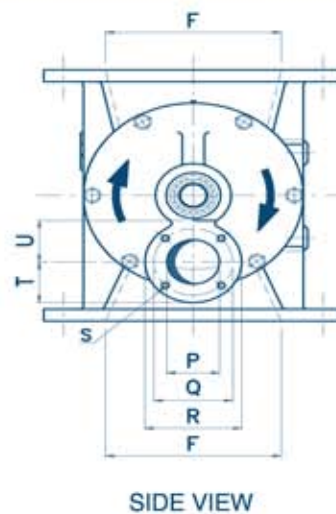
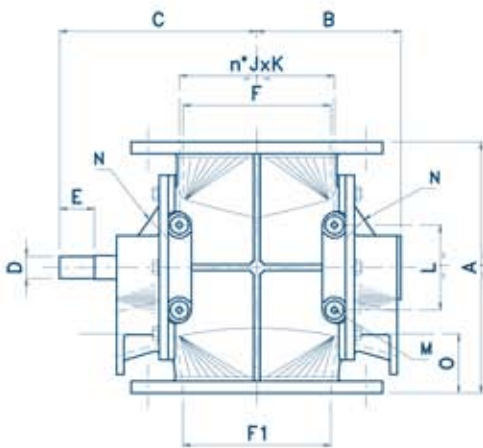


TOP VIEW

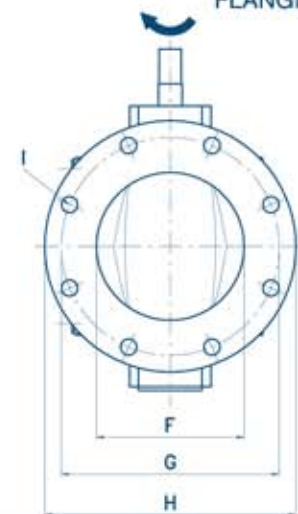


	A	B	C	D	E	F	G	L./Rev.	Rev./1' max	POWER	WEIGHT
150	305	∅250	430	260	245	265	480	2,2	30	Kw 0,25	Kg 60
200	360	∅340	500	340	250	280	530	4,5	30	Kw 0,55	Kg 90
250	410	∅395	607	400	255	295	550	8	30	Kw 0,55	Kg 127
320	455	∅445	667	500	275	320	595	16	30	Kw 0,75	Kg 195
400	500	∅500	720	580	295	335	625	37	30	Kw 1,10	Kg 245

FRONTAL VIEW



FLANGING VIEW



	A	B	C	D	E	F	F1	G	H	I	J	K
150	260	152	235	∅25	47	∅135	∅135	∅210	∅250	8XM16	1	165
200	340	190	267	∅35	47	∅200	∅200	∅295	∅340	8X∅22	1	210
250	400	205	282	∅35	47	∅265	∅265	∅350	∅395	12X∅22	2	117,5
320	500	220	305	∅35	53	∅326	∅326	∅400	∅445	12X∅22	2	132,5
400	580	235	325	∅35	53	∅390	∅390	∅450	∅495	12X∅22	2	147,5

	L	M	O	P	Q	R	S	T	U	L./Rev.	N
150	110	4XM10	45	∅47	∅80	∅100	M8	42	50	2,2	1/8" GAS
200	115	4XM10	80	∅60	∅90	∅110	M10	55	55	4,5	1/8" GAS
250	125	6XM10	95	∅77	∅110	∅130	M10	65	65	8	1/8" GAS
320	175	6XM10	125	∅99	∅140	∅160	M10	80	80	16	1/8" GAS
400	185	6XM10	155	∅120	∅170	∅190	M10	95	95	37	1/8" GAS

VSFC BLOW THROUGH ROTARY VALVE

VSFC ROTARY VALVE is designed to discharge containers holding powders and granules. Thanks to COMAV'S TECHNOLOGY can be used upon all hard applications, assuring an average discharge time of 50/60 minutes per 30" Container.

The valve capacity and its shape meet the main logistic companies needs.



APPLICATIONS

- ON CHASSIS
- GENERAL PNEUMATIC CONVEYING
- POWDER
- GRANULE
- MOCA – EC1935/2004

DESIGN

- FLANGING: RECTANGULAR
- SIZE: 320
- HOUSING: CAST IRON CASTING, SS304 OR SS316L CASTING
- ROTOR: WELDED CARBON STEEL OR SS304, SS316L
- DRIVE: DIRECT DRIVE, CHAIN TRANSMISSION. ELECTRIC OR HYDRAULIC MOTOR AVAILABLE IN BARE SHAFT VERSION.
- ROBUST & COMPACT DESIGN WITH MINIMAL ROTOR TOLERANCE

FEATURES

- PRESSURE: -0,5 BAR, +2 BAR
- MAX PRESSURE FOR HYDRAULIC MOTOR: 70 BAR
- QUANTITY OF REQUEST OIL : 50 KG/MIN (IN CASE OF HYDRAULIC MOTOR)
- TEMPERATURE: MAX 65 °C
- ROTATION SPEED: 42 RPM MAX
- INTEGRATED CASTING INNER HOPPER (BETTER FILLING EFFICIENCY)
- OPEN ENDS ROTOR UP TO 10 VANES

OPTIONALS

- DIFFERENT ROTORS FOR DIFFERENT PRODUCTS
- NICKEL COATING EC1935/2004
- HARD CHROMIUM PLATING
- VARIOUS POLISHING DEGREES
- HIGH TEMPERATURE CONFIGURATION
- FEEDING SHOE
- FEEDING HOPPER COMPLETE WITH FLAP VALVE
- AIR BLOW-IN PURGE
- AIR INTAKE HOLE ON HOUSING
- SPEED DISPLAY
- SPEED CONTROLLER



BROCHURE

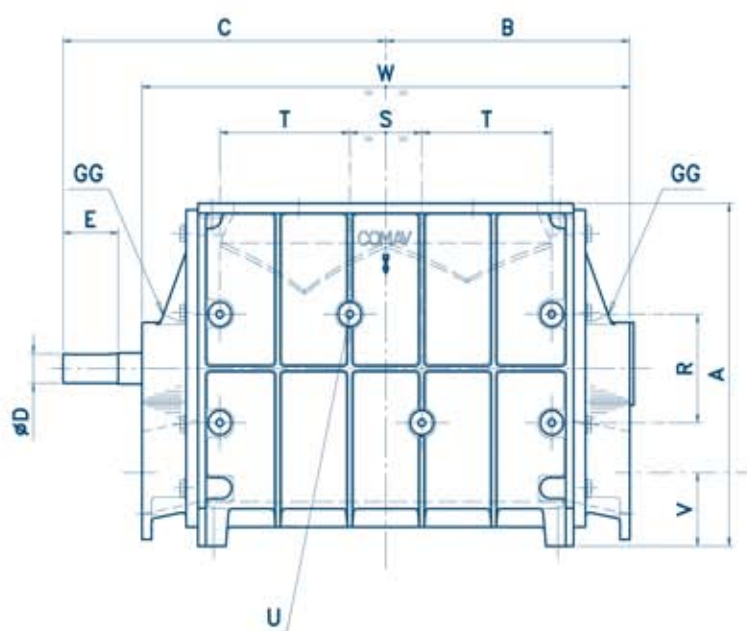


COMPLIANCE

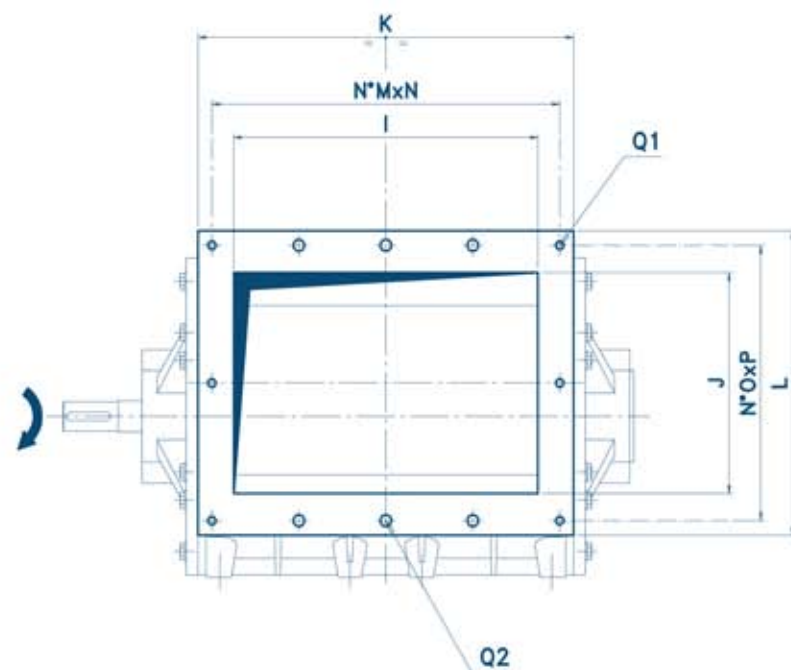
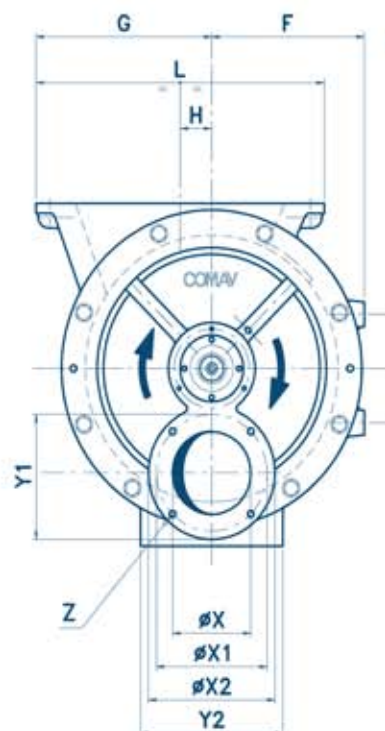


II 1/3D IIC T135°C Da/Dc x

FRONTAL VIEW



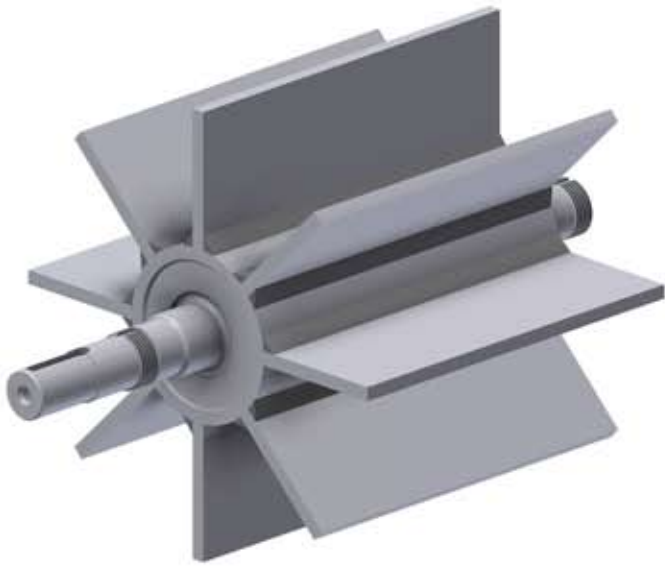
SIDE VIEW



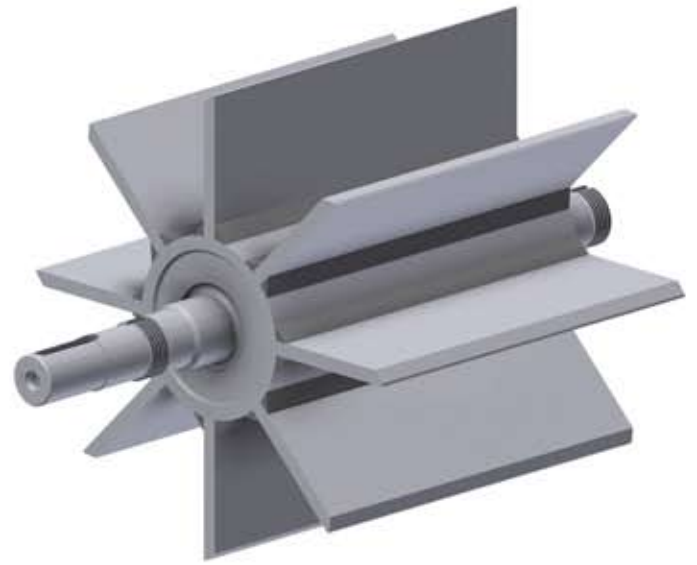
FLANGING VIEW

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q1	Q2
320	411	309	409	$\phi 35$	70	193	222,5	40	385	265	475	365	4	110	2	165	M12	$\phi 14$
	R	S	T	U	V	W	X	X1	X2	Y1	Y2	Z	L/Rev.	WEIGHT	GG			
320	130	91	164,5	M10	88	617	$\phi 99$	$\phi 140$	$\phi 160$	150	180	M10	29	Kg 170	1/8" GAS			

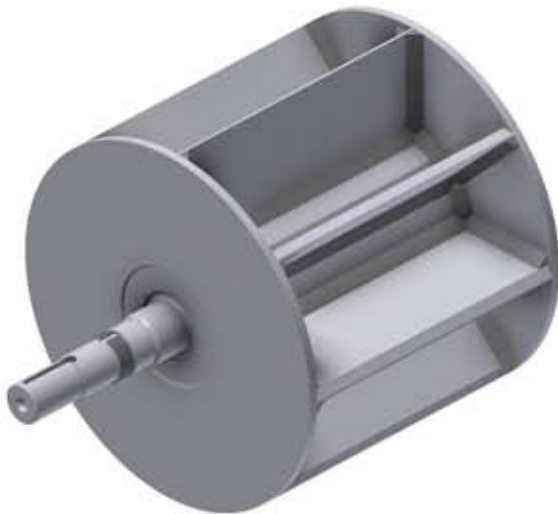
ROTORS



ROTOR A
STANDARD



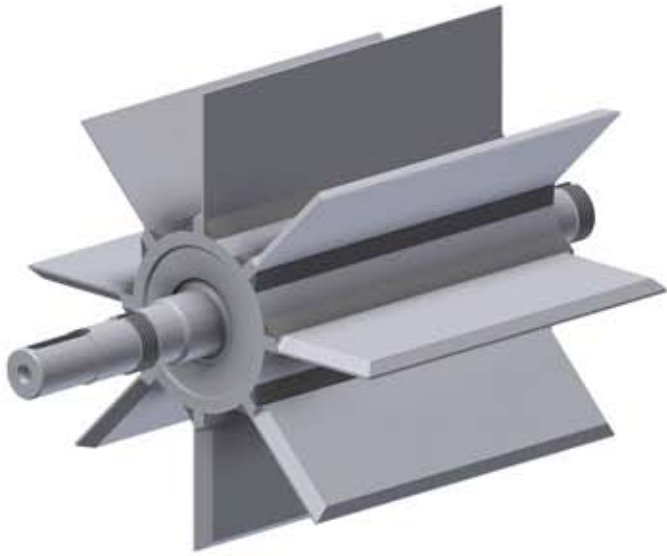
ROTOR B
UPPER BEVELLED ON HEAD



CLOSED
ROTOR

PARTIAL
ROTOR





ROTOR C
TOTALLY BEVELLED



ROTOR D
THIN TIPS

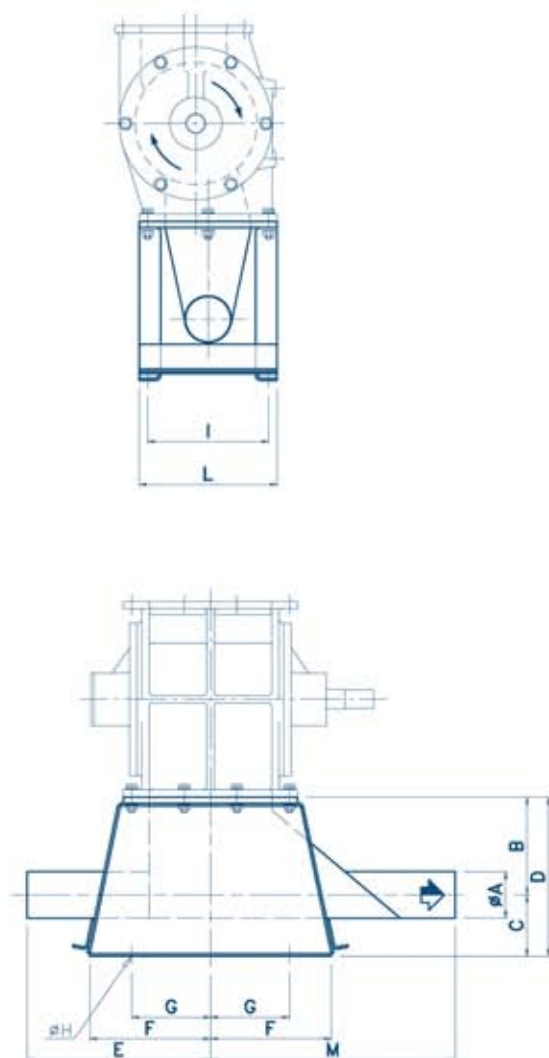


ROTOR D
TOUGH TIPS

ROTOR E
HARMONIC SS TIPS

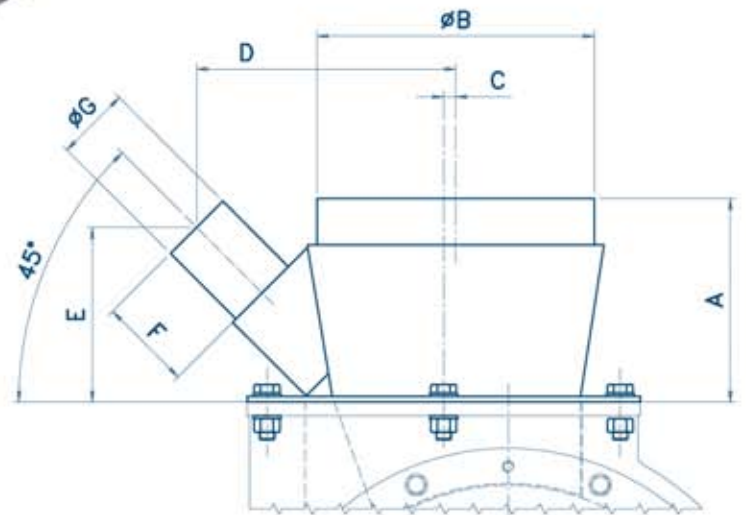
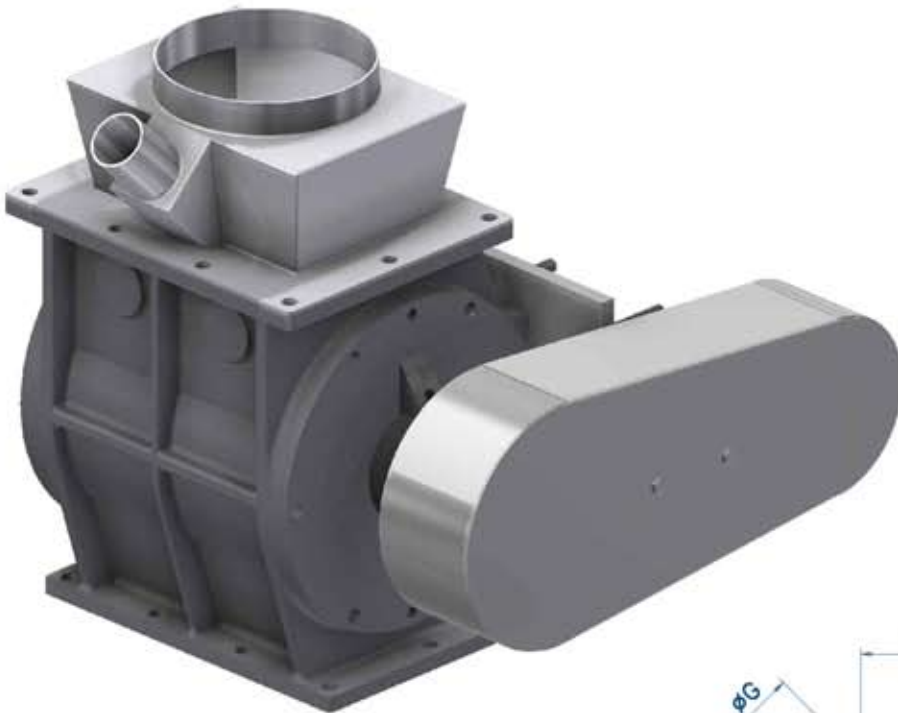


FEEDING SHOE



VSD	ØA		B	C	D	E	F	G	ØH	I	L	M
	MIN	MAX										
200	ø60,3x2	ø88,9x3	160	100	260	300	198	129	4xø12	198	225	400
250	ø60,3x2	ø101,6x3	160	100	260	370	223	152	4xø12	234	265	430
320	ø88,9x2	ø154,0x3	200	120	320	350	238	167	4xø14	272	305	500
400	ø101,6x2	ø154,0x3	250	125	375	425	293	220	4xø14	330	365	625
480	ø154,0x3	ø219,1x3	300	175	475	500	315	290	4xø18	382	425	700

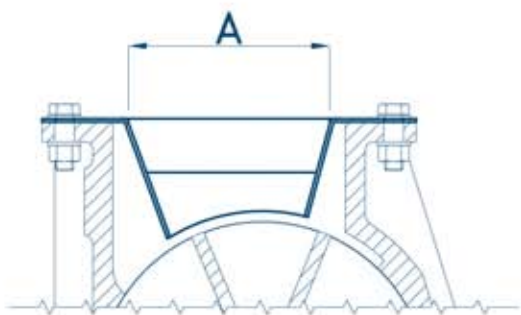
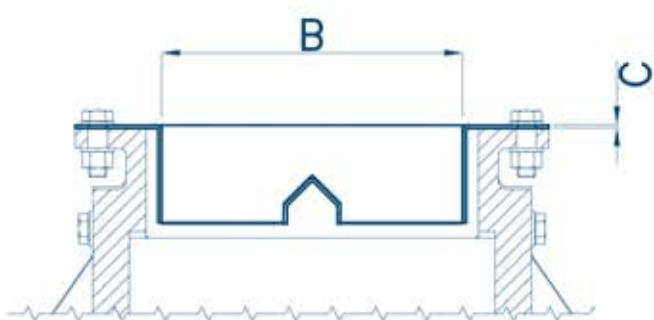
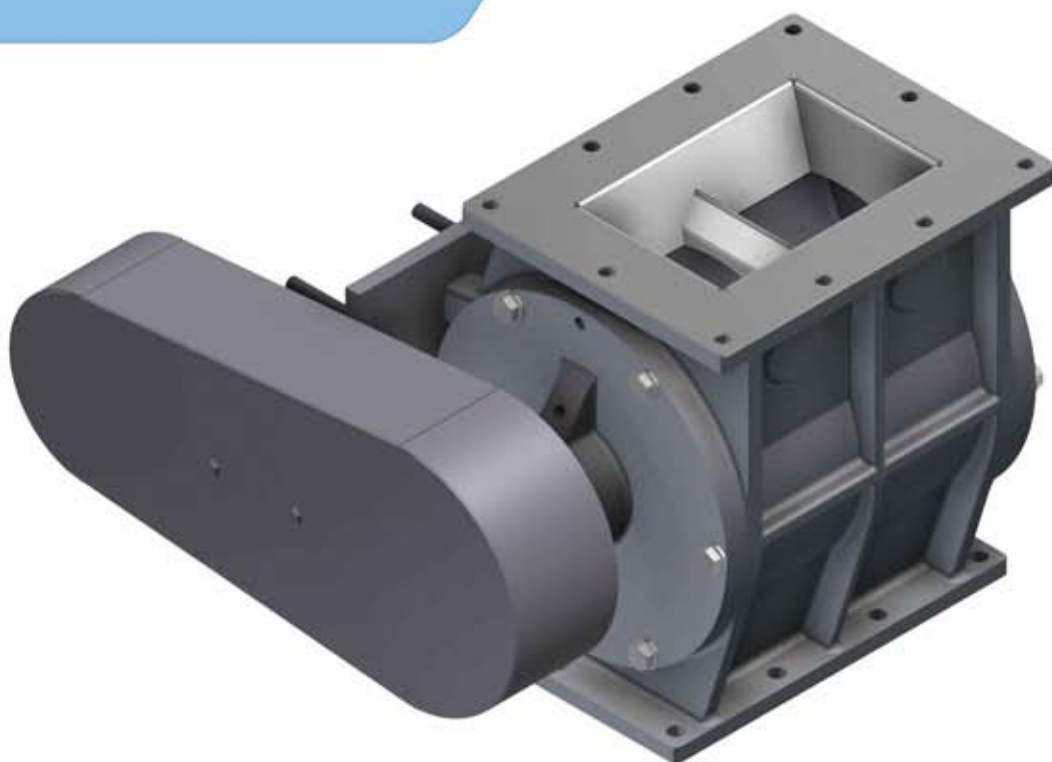
FEEDING HOPPER



VS	A	ØB	C	D	E	F	ØG
200	200	Ø150	0	180	165	80	Ø60
200	200	Ø200	0	190	180	80	Ø60
250	200	Ø200	0	195	175	80	Ø60
320	200	Ø200	0	205	165	80	Ø60
320	200	Ø250	0	220	175	80	Ø60
400	220	Ø250	0	250	195	100	Ø80
400	220	Ø300	0	265	205	100	Ø80
480	220	Ø250	13	270	175	100	Ø80
480	220	Ø300	13	280	190	100	Ø80

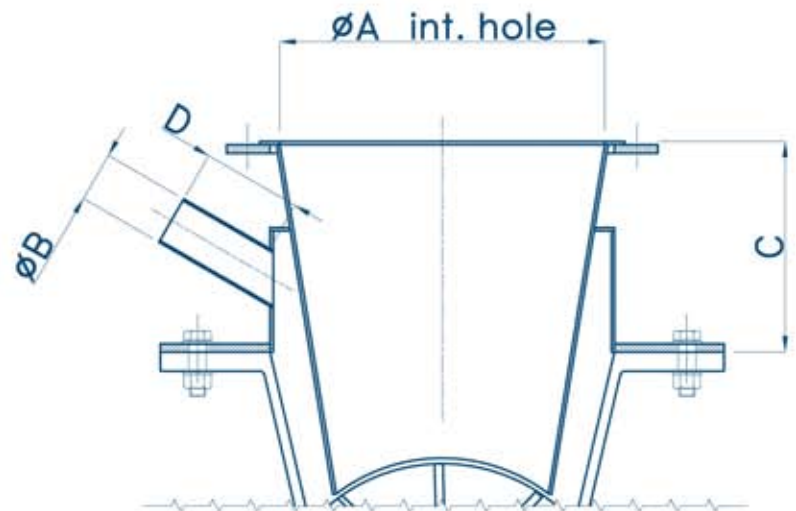
ACCESSORIES

DOSING HOPPER



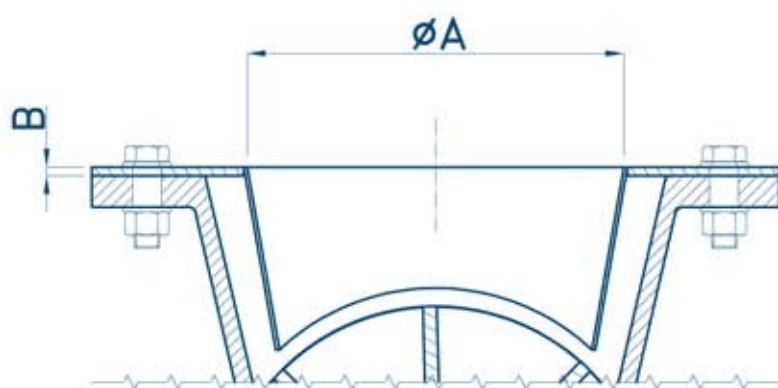
VS	A	B	C
200	125	185	2
250	145	215	2
320	185	245	2
400	245	355	2,5
480	285	430	2,5

FEEDING HOPPER



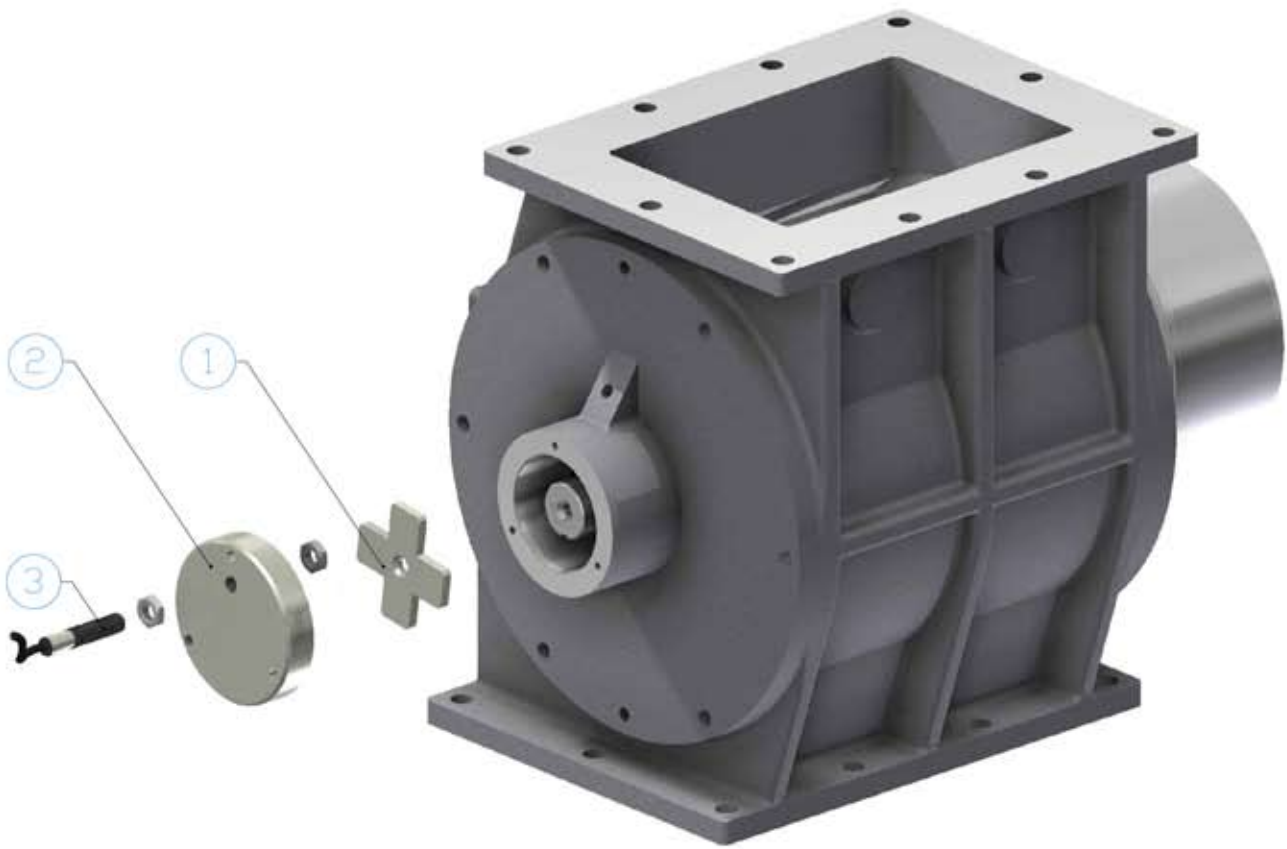
VST	A	B	C	D
150	$\varnothing 106$	$\varnothing 33,7$	90	60
200	$\varnothing 200$	$\varnothing 33,7$	170	60
250	$\varnothing 269$	$\varnothing 40,0$	170	60
320	$\varnothing 296$	$\varnothing 60,0$	185	60
400	$\varnothing 326$	$\varnothing 80,0$	220	80

DOSING HOPPER



VSD	A	B
200	$\varnothing 197$	3
250	$\varnothing 262$	3

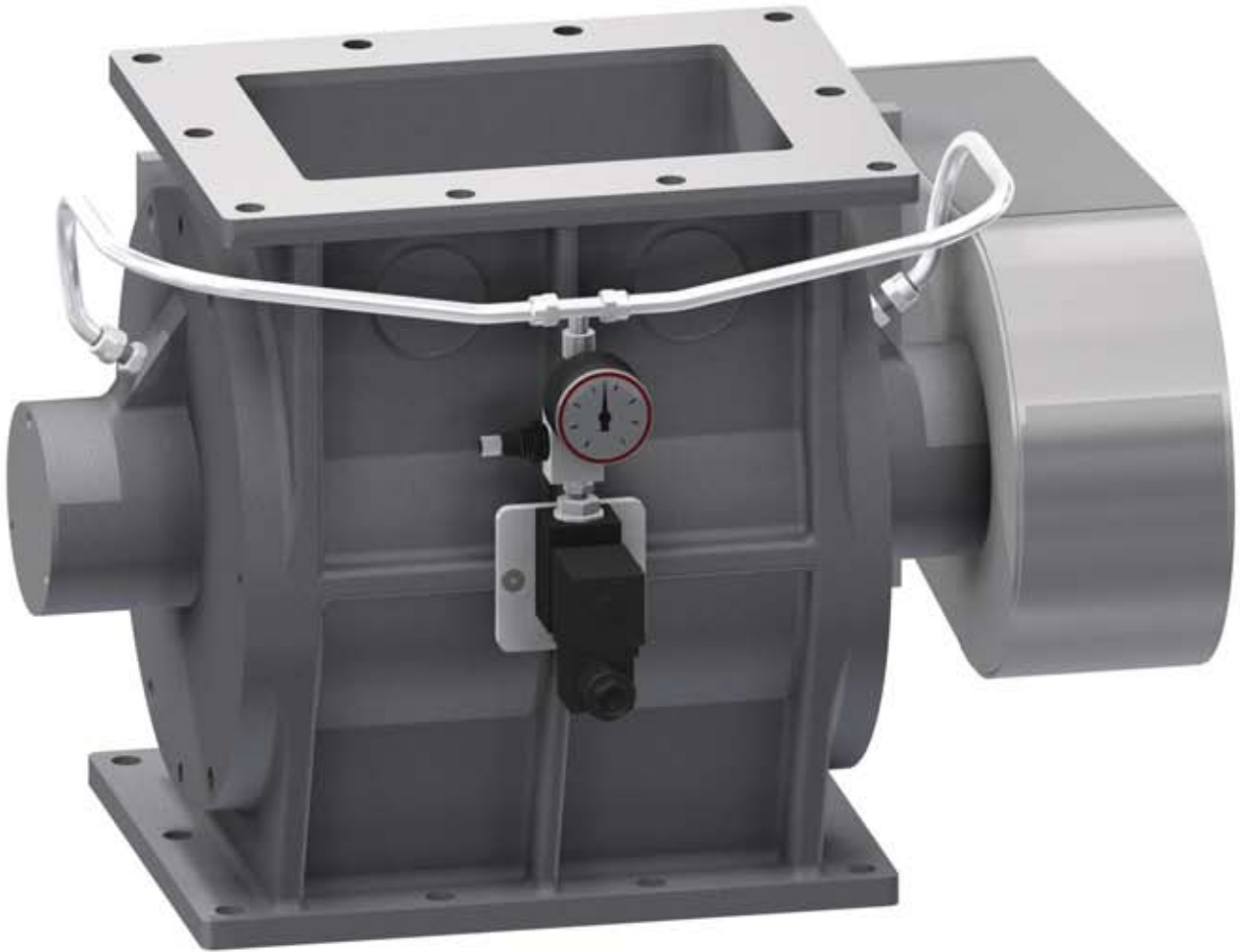
ROTATING SENSOR



POS	ITEM
1	SENSOR CAM
2	SENSOR COVER
3	SENSOR

AVAILABLE FOR ALL MODELS

AIR BLOWING-IN

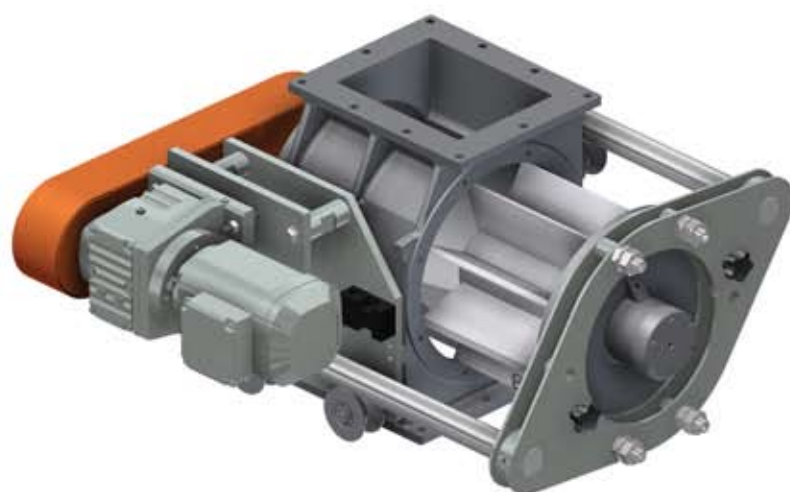


VS	200	250	320	400	480
	1/8" GAS	1/8" GAS	1/8" GAS	1/4" GAS	1/4" GAS



HIGH TEMPERATURE
WITH SPECIAL TOLERANCE
OR EXTERNAL BALL-BEARINGS
VERSION

DETACHABLE
AVAILABLE FOR
ALL MODELS



**VALVE MOUNTED
ON PLATFORM**



**VALVE
MOUNTED
ON TROLLEY**



VERSIONS

SINGLE PIPE STATIC DIVERTER VALVES are designed to divert the product from one way to two ways and vice versa

DTS DIVERTER VALVES are used for general pneumatic conveying up to 1 bar of convey pressure with all kinds of product such as powders and granules.



APPLICATIONS

PNEUMATIC CONVEYING
DISCHARGE
POWDER
GRANULE
MOCA – EC1935/2004

DESIGN

SIZE: FROM DN80, TO DN150
BODY AND COVER: CASTING ALUMINIUM
ROTOR: CASTING ALUMINIUM
INNER PIPE: ALUMINIUM OR LINING ROTOR
MADE OF SS304 / SS316L
CONTROL: ACTUATOR, ELECTRICAL OR MANUAL

FEATURES

PRESSURE: 1 BAR
TEMPERATURE: MAX 100 °C
ANGLE: 30°
SEAL CONFIGURATION: STATIC
SPACE SAVING INSTALLATION

OPTIONALS

ACTUATOR ON COVER SIDE
NICKEL COATING EC1935/2004
SPECIAL EXECUTION FOR
ABRASIVE PRODUCT
SPECIAL PIPE ON REQUEST
FOR SPECIAL APPLICATION
SPECIAL EXECUTION FOR
DIRECT FITTING AT PIPING
HIGH TEMPERATURE VERSION
ADAPTOR KIT

AIR CONSUMPTION

DT	Actuator	N. Lt.
80 - 150	UT35	3,40

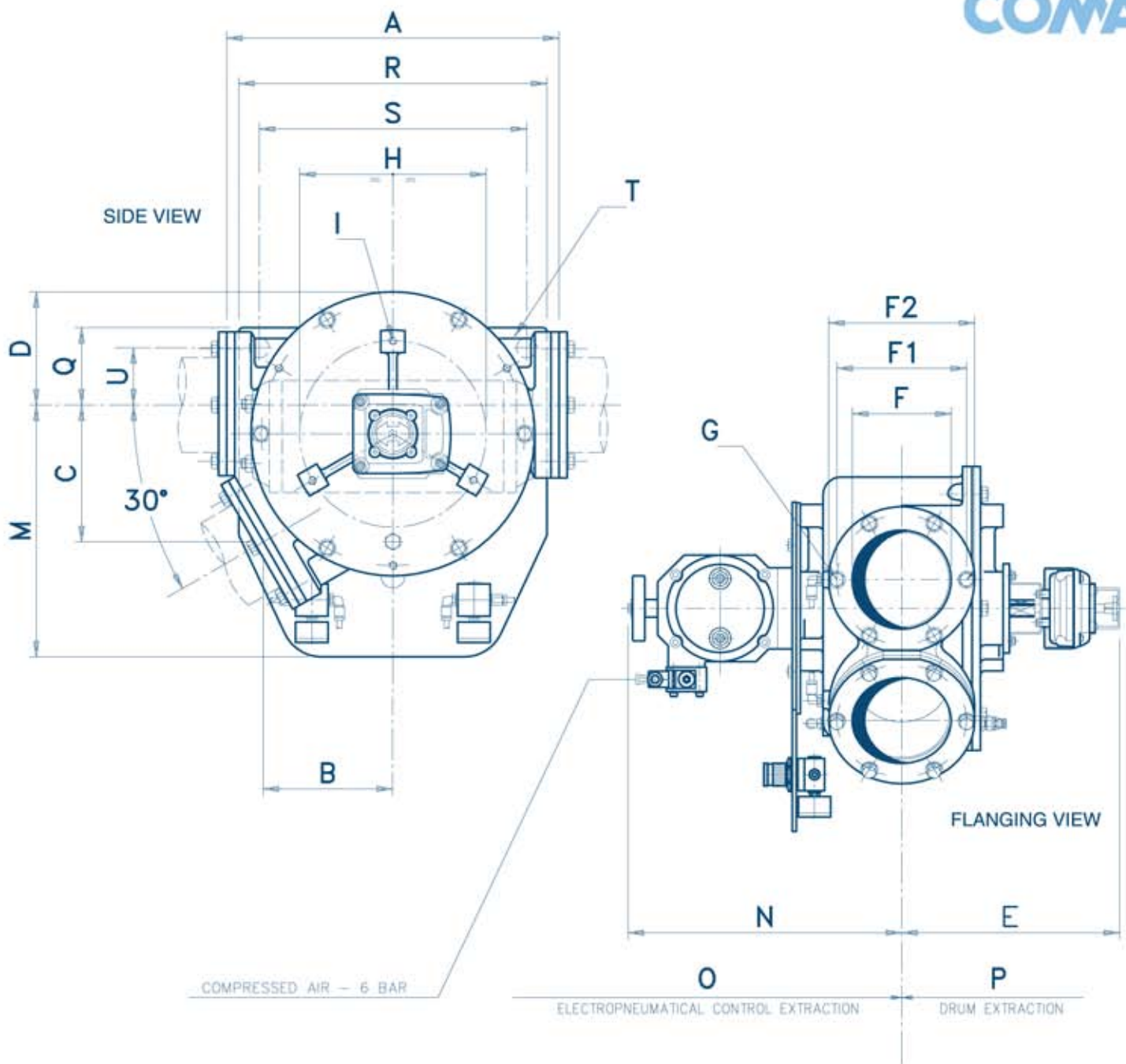
BROCHURE



COMPLIANCE

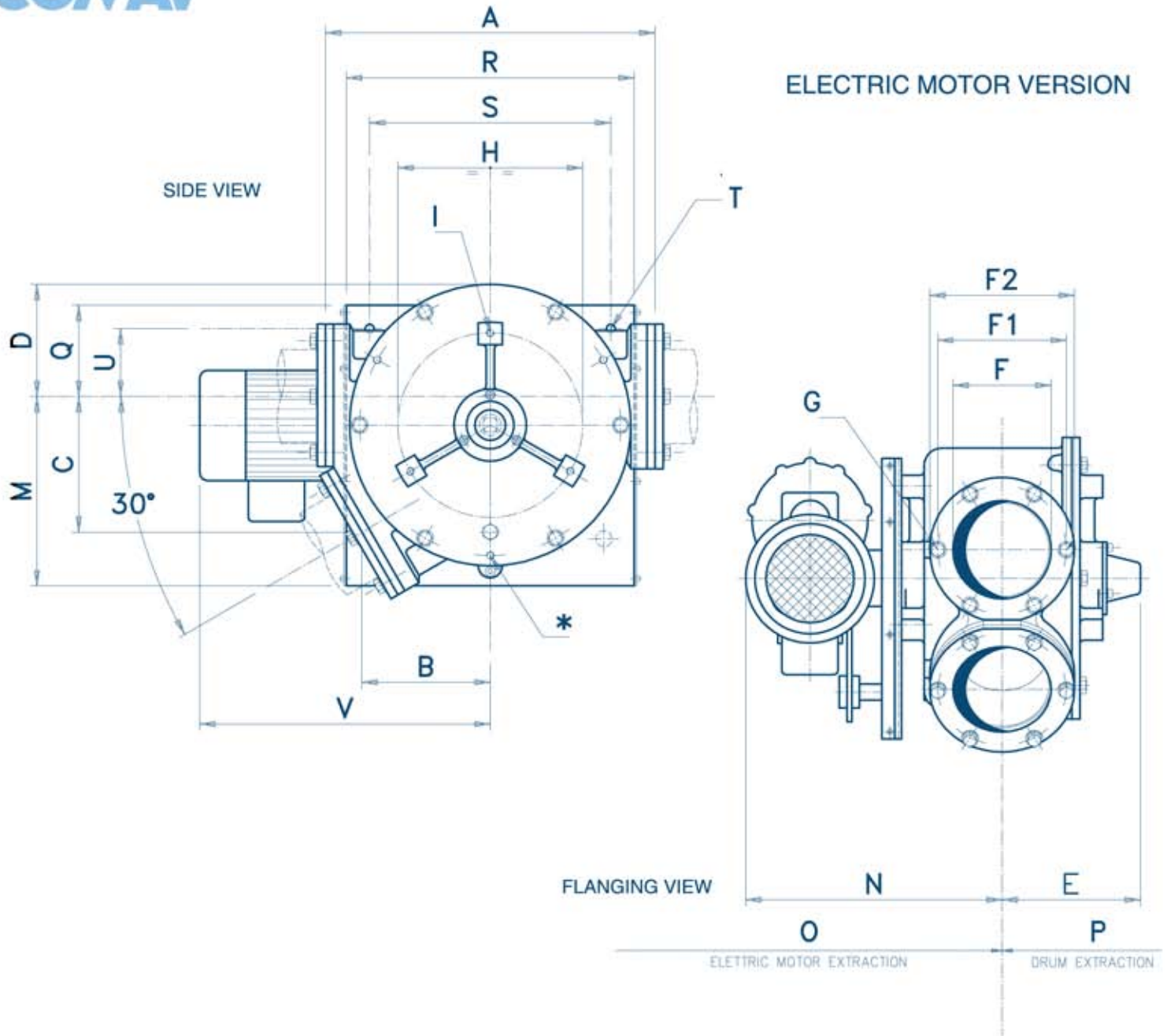


II 1/3D IIC T130°C Da/Dc x



	A	B	C	D	E	ALL	F	F1	F2	G	H	I
							INOX					
80	350	138	137	105	244	ø77	ø76	ø120	ø140	4xM10	ø210	M10
100	390	153	155	125	256	ø99	ø97,6	ø140	ø160	6xM10	ø210	M10
120	410	160	169	140	269	ø117	ø117	ø160	ø180	6xM10	ø230	M10
150	510	200	206	168	285	ø146	ø146	ø190	ø215	6xM10	ø230	M10

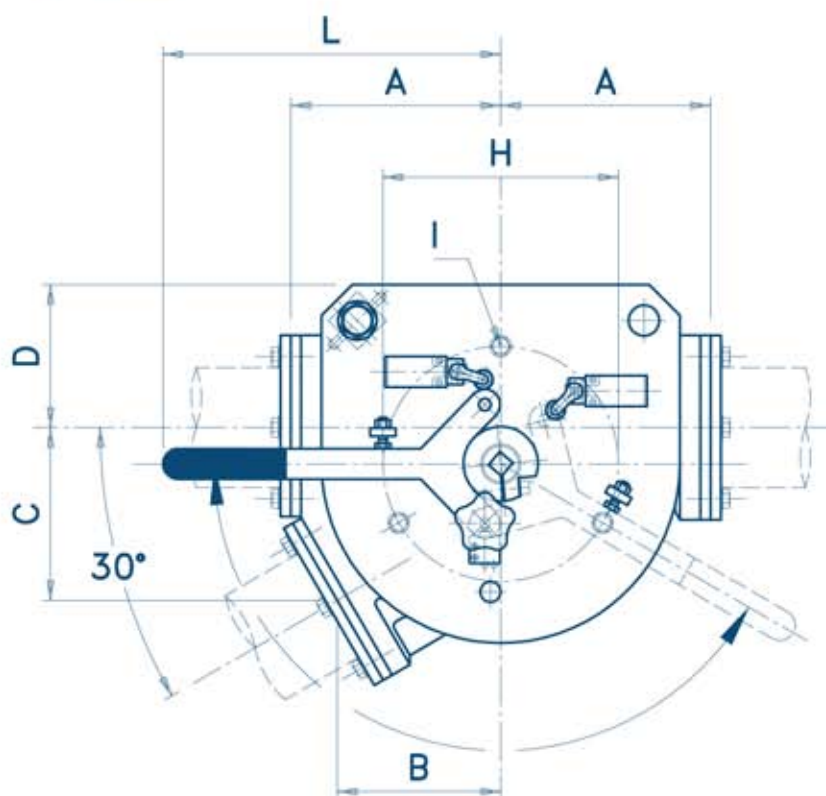
	M	N	O	P	Q	R	S	T	U	WEIGHT
80	302	317	417	400	105	380	330	2 x ø25	80	Kg 20,5
100	306	329	429	435	100	380	330	2 x ø25	75	Kg 26,5
120	311	338	438	460	96	380	330	2 x ø25	71	Kg 34,0
150	318	354	454	510	89	380	330	2 x ø25	64	Kg 52,0



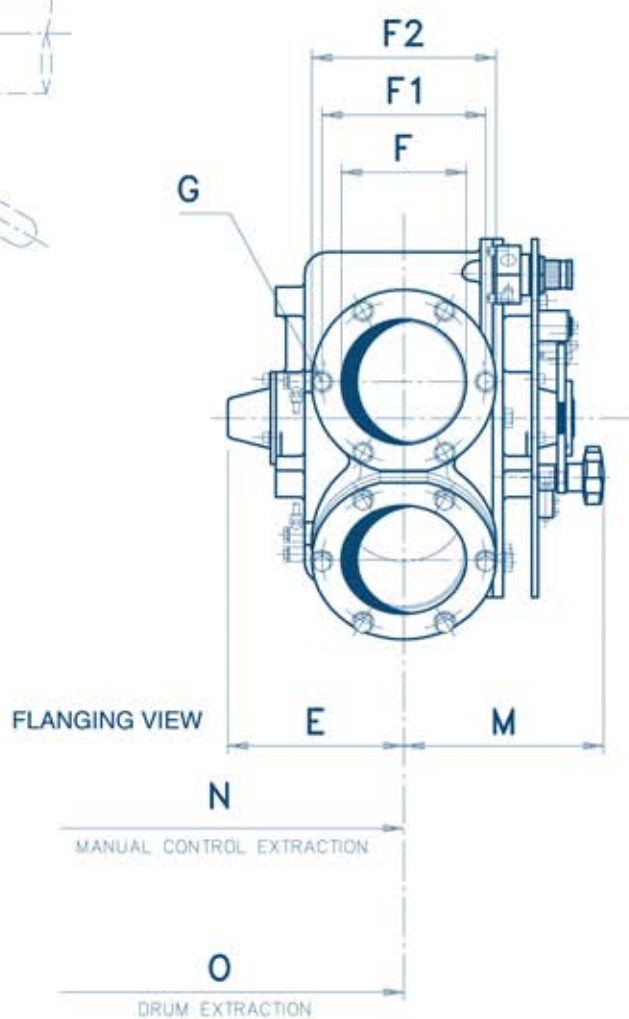
	A	B	C	D	E	ALL	F	F1	F2	G	H	I
						Ø77	INOX					
80	350	138	137	109	152	Ø77	Ø76	Ø120	Ø140	4xM10	Ø210	M10
100	390	153	155	125	165	Ø99	Ø97,6	Ø140	Ø160	6xM10	Ø210	M10
120	410	160	169	140	175	Ø117	Ø117	Ø160	Ø180	6xM10	Ø230	M10
150	510	200	206	168	190	Ø146	Ø146	Ø190	Ø215	6xM10	Ø230	M10

	M	N	O	P	Q	R	S	T	U	V	KW
80	240	298	398	400	125	300	240	2 x Ø11	30	336	0,18
100	240	310	410	435	120	300	240	2 x Ø11	30	336	0,18
120	255	340	430	460	145	364	-	-	-	313	0,37
150	230	355	455	510	105	360	300	2 x Ø11	30	336	0,37

SIDE VIEW



MANUAL VERSION



	A	B	C	D	E	F	F1	F2	G	H	I	L	M	N	O	
					ALL INOX											
80	175	138	137	109	152	ø77	ø76	ø120	ø140	4xM10	ø210	M10	300	180	270	400
100	195	153	155	125	165	ø99	ø97,6	ø140	ø160	6xM10	ø210	M10	300	190	280	435
120	205	160	169	140	175	ø117	ø117	ø160	ø180	6xM10	ø230	M10	330	200	290	460
150	255	200	206	168	190	ø146	ø146	ø190	ø215	6xM10	ø230	M10	330	215	305	510

DTP

2 WAYS DIVERTER PRESSURIZED SEAL

SINGLE PIPE PRESSURIZED DIVERTER VALVES are designed to divert the product from one way to two ways and vice versa

DTP DIVERTER VALVES are used for pneumatic conveying also in dense phase up to 4 bar of convey pressure thanks to a pressure control device. It is suitable for every kind of product such as powders and granules.



APPLICATIONS

DILUTE AND DENSE PHASE
DISCHARGE
POWDER
GRANULE
MOCA – EC1935/2004

DESIGN

SIZE: FROM DN80, TO DN260
BODY AND COVER: CASTING ALUMINIUM
ROTOR: CASTING ALUMINIUM
INNER PIPE: ALUMINIUM OR LINING ROTOR
MADE OF SS304 / SS316L
CONTROL: ACTUATOR, ELECTRICAL OR MANUAL

FEATURES

PRESSURE: 4 BAR
TEMPERATURE: MAX 100 °C
ANGLE: 30°
SEAL CONFIGURATION: PRESSURIZED
SPACE SAVING INSTALLATION

OPTIONALS

ACTUATOR ON COVER SIDE
NICKEL COATING EC1935/2004
SPECIAL EXECUTION FOR ABRASIVE PRODUCT
SPECIAL PIPE ON REQUEST FOR SPECIAL APPLICATION
SPECIAL EXECUTION FOR DIRECT FITTING AT PIPING
HIGH TEMPERATURE VERSION
ADAPTOR KIT

AIR CONSUMPTION

DT	Actuator	N. Lt.
80 - 150	UT35	3,40
180 - 260	UT50	9,50

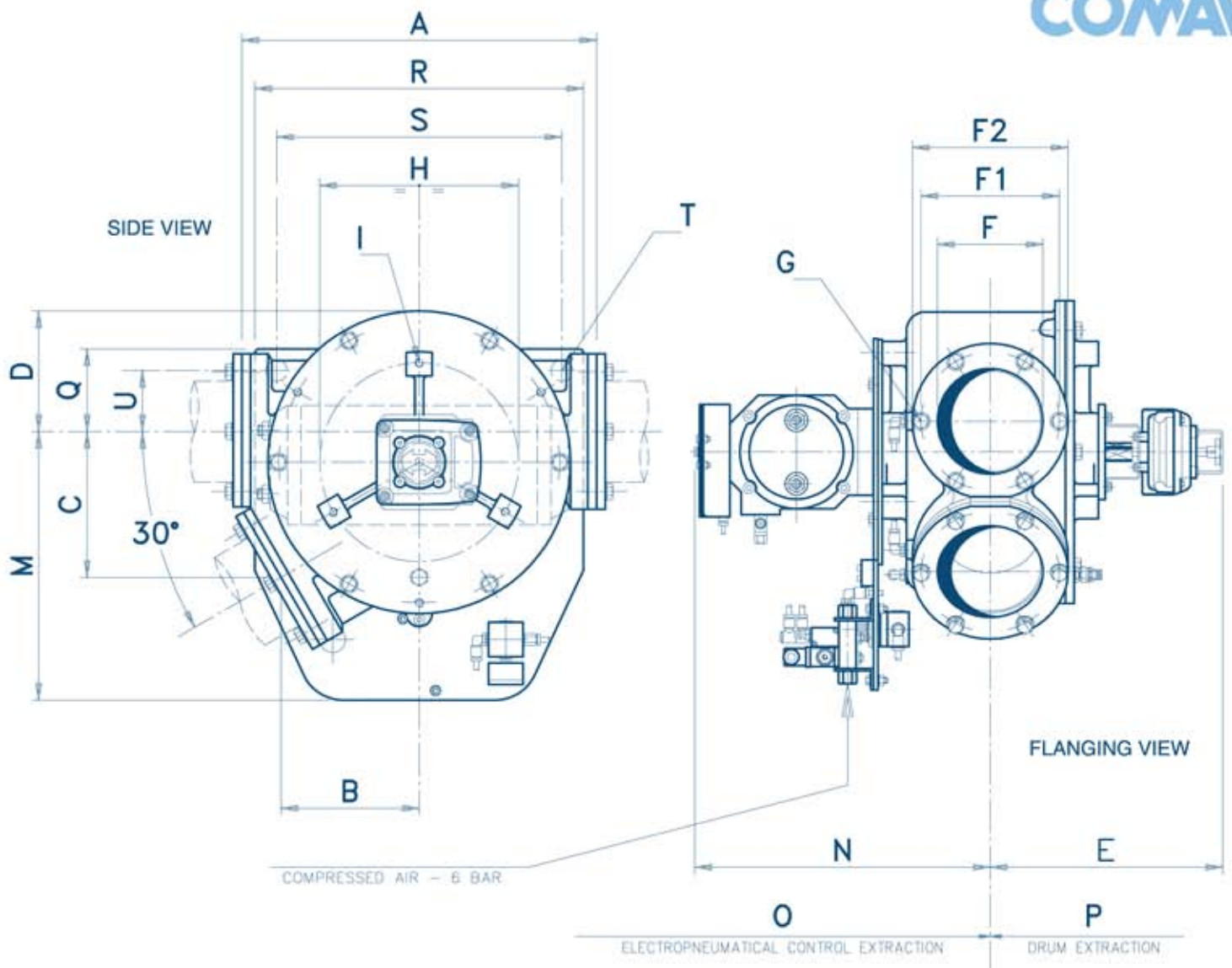
BROCHURE



COMPLIANCE



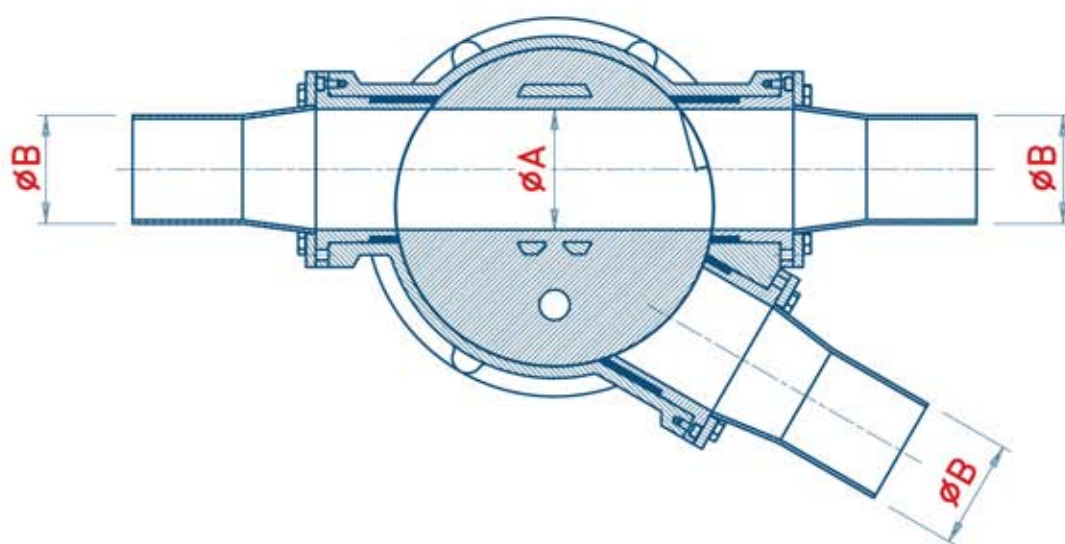
II 1/3D IIC T130°C Da/Dc x



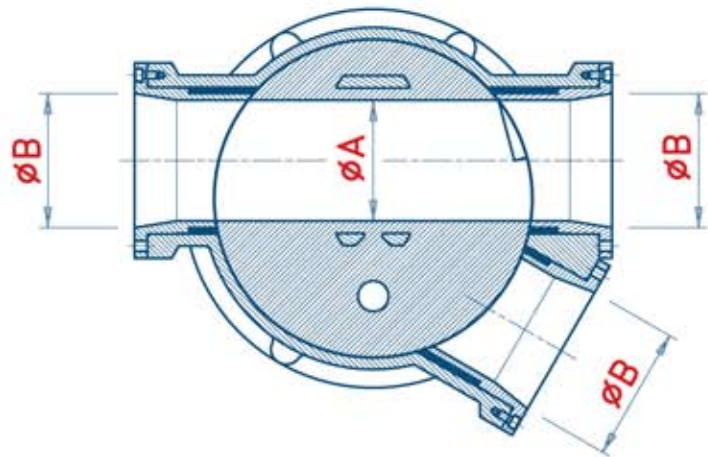
	A	B	C	D	E	ALL	F	F1	F2	G	H	I
							INOX					
80	350	138	137	105	244	∅77	∅76	∅120	∅140	4xM10	∅210	M10
100	390	153	155	125	256	∅99	∅97,6	∅140	∅160	6xM10	∅210	M10
120	410	160	169	140	269	∅117	∅117	∅160	∅180	6xM10	∅230	M10
150	510	200	206	168	285	∅146	∅146	∅190	∅215	6xM10	∅230	M10
180	570	222	235	198	305	∅176	∅176	∅220	∅245	6xM10	∅230	M10
220	674	263	280	231	320	∅215	∅215	∅265	∅290	6xM10	∅400	M10
260	754	293	316	262	340	∅255	∅255	∅305	∅330	6xM10	∅400	M10

	M	N	O	P	Q	R	S	T	U	WEIGHT
80	302	317	417	400	105	380	330	2 x ∅25	80	Kg 20,5
100	306	329	429	435	100	380	330	2 x ∅25	75	Kg 26,5
120	311	338	438	460	96	380	330	2 x ∅25	71	Kg 34,0
150	318	354	454	510	89	380	330	2 x ∅25	64	Kg 52,0
180	325	425	524	565	82	380	330	2 x ∅25	57	Kg 70,5
220	445	441	539	625	186	490	440	2 x ∅25	161	Kg 105
260	454	460	559	685	177	490	440	2 x ∅25	152	Kg 170

DT COUPLING SOLUTION

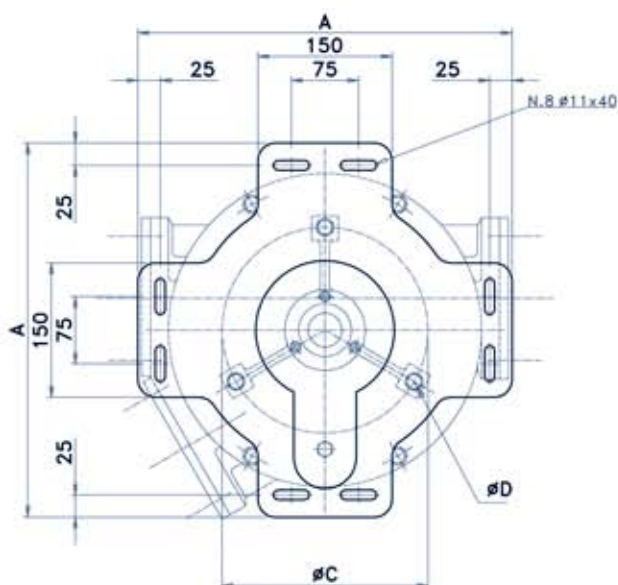


DT	80		100		120		150		180		220		260	
	AL	SS	AL	SS	AL	SS	AL	SS	AL	SS	AL	SS	AL	SS
$\varnothing A$	77	76	99	97,6	117	117	146	146	176	176	215	-	255	255
	60,3		88,9		114,3		114,3		139,7					
$\varnothing B$	70		101,6		129		139,7		154					
EXT.	76,1		114,3		139,7		154		168,3					
	88,9													



DT	80		100		120		150		180		220		260	
	AL	SS	AL	SS	AL	SS	AL	SS	AL	SS	AL	SS	AL	SS
ØA	77	76	99	97,6	117	117	146	146	176	176	215	-	255	255
	80	83	100,8	99	125	120	150	150	187	187	-	-	267	260,3
	81,1	84,3	105	102,3		123								
ØB	82,9	84,9	110	105		125								
EXT.	83			110		127								
	84,3													
	84,9													

DT MOUNTING PLATE



DTS/DTP	80	100	120	150	180	220	260
A	418	418	418	560	560	720	720
C	210	210	230	230	230	400	400
D	M10	M10	M10	M10	M10	M10	M10

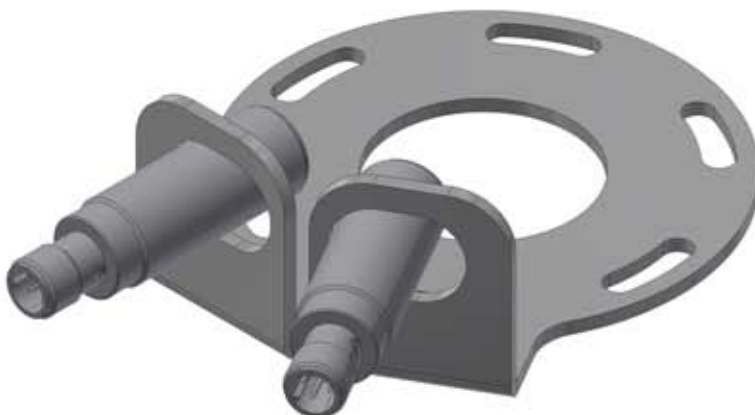


JUNCTION BOX

BOX MICRO
MULTI VOLTAGE



MECHANICAL SWITCHES
ONLY 24 VDC



VDF

FLEXIBLE PIPE DIVERTER VALVE

FLEXIBLE PIPE DIVERTER VALVES are designed to divert granules, powders and pellets from one way to two ways and vice versa.

The self-cleaning gasket and inline quick repair system ensure VDF valves a long durability.



APPLICATIONS

- DILUTE PHASE AND VACUUM
- POWDER
- GRANULE
- EXCELLENT FOR SUGAR&COFEE BEANS
- DIVERTERS AND CONVERGES

DESIGN

- SIZE: FROM DN80,TO DN200
- BODY: PAINTED CARBON STEEL
SS304 OR SS316L
- INNER PIPE: SS304 OR SS316L
SPECIAL MATERIAL FOR HARD APPLICATION
- OUTLET SEAL GROUP: SLIDING UNIT +
CONVEX UNIT MADE OF ALUMINUM AND POLIZENE
- DRIVE: CYLINDER COMPLETE OF ELECTROVALVE,
DOUBLE SOLENOID AND LIMIT SWITCH

FEATURES

- PRESSURE: 1 BAR
- TEMPERATURE: MAX 100 °C
- MINIMUM MAINTANANCE
- SIMPLE CONTROL
- FLY SWITCH
- QUICK REPAIR IN LINE

OPTIONALS

- SMOOTH CONTACT SURFACE
- NO PRODUCT DAMAGE
- SPECIAL EXECUTION FOR
ABRASIVE PRODUCT
- SPECIAL PIPE ON REQUEST
FOR SPECIAL APPLICATION
- HIGH TEMPERATURE VERSION
- CHOICE OF PIPING COUPLING
- SIZE ON REQUEST



BROCHURE

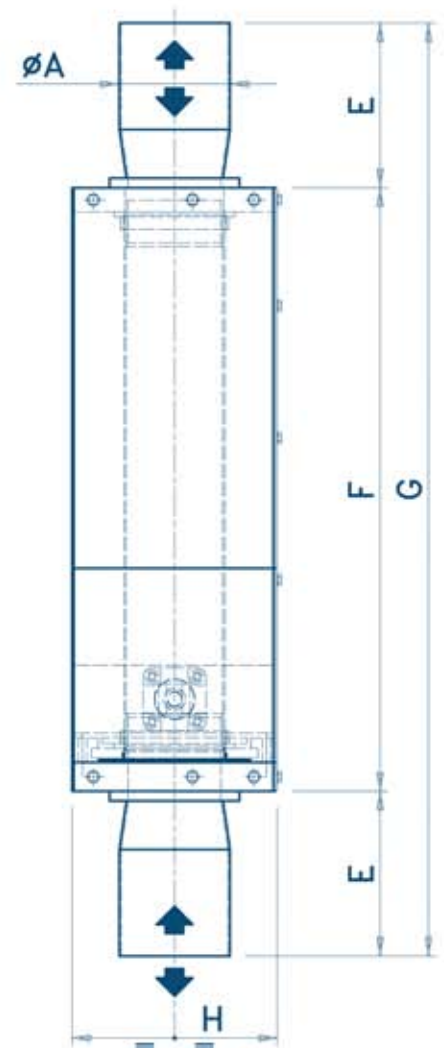
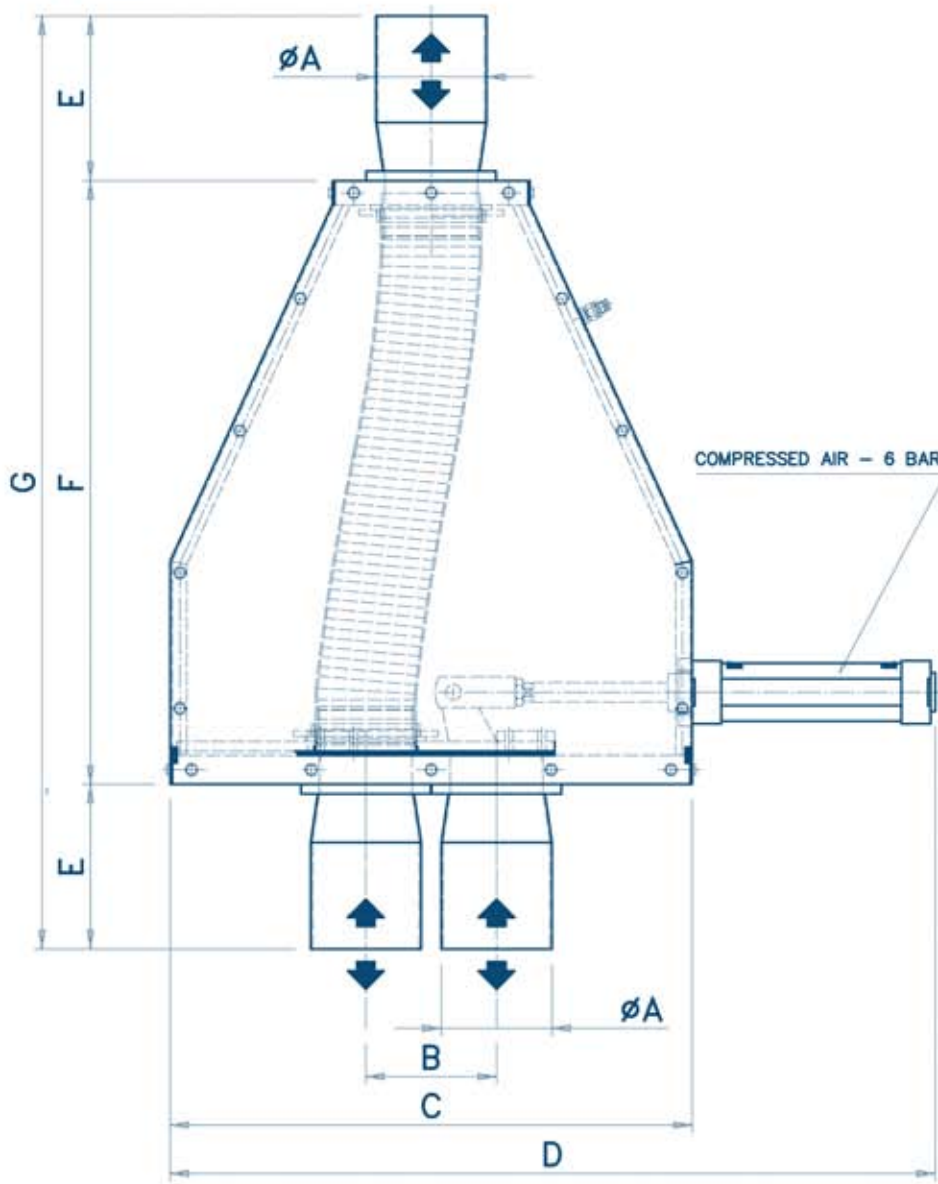


COMPLIANCE



II 3D IIC T135°C Dc X

TOP VIEW



SIDE VIEW

	A	B	C	D	E	F	G	H
80	88,9	115	450	680	170	625	965	200
100	114,3	135	540	790	170	625	965	215
125	139,7	165	650	930	170	660	1000	250
150	168,3	190	730	1040	170	700	1040	265
200	219,1	240	950	1300	170	750	1090	320

RIGID PIPE DIVERTER VALVES are designed to divert granules, powders and pellets from one way to two ways.

The unique design of VDP prevents any damage of product under medium pressure thanks to pressurized gasket at inlet and outlet spouts. It also reduces the maintenance thanks to a Quick Repair inline.



APPLICATIONS

DILUTE PHASE AND VACUUM
POWDER
GRANULE
PELLETS
DIVERTERS

DESIGN

SIZE: DN50, DN80, DN100
BODY: PAINTED CARBON STEEL
SS304 OR SS316L
INNER PIPE: SS304 OR SS316L
SPECIAL MATERIAL FOR HARD APPLICATION
INLET SEAL GROUP: SEMISPHERE MADE
OF NOVATRON + PRESSURIZED SEAL
DRIVE: CYLINDER

FEATURES

PRESSURE: 2,5 BAR
TEMPERATURE: MAX 100 °C
LONG LIFE FOR SEAL SELF-CLEANING
QUICK REPAIR IN LINE
FLY SWITCH

OPTIONALS

MATERIAL ACCORDING WITH EC1935/2004
SPECIAL EXECUTION FOR
ABRASIVE PRODUCT
SPECIAL PIPE ON REQUEST
FOR SPECIAL APPLICATION
SPECIAL EXECUTION FOR
DIRECT FITTING AT PIPING
HIGH TEMPERATURE VERSION
ADAPTOR KIT
HAND WHEEL
PROXIMITY SWITCH
SIZE ON REQUEST
3 WAYS VERSION



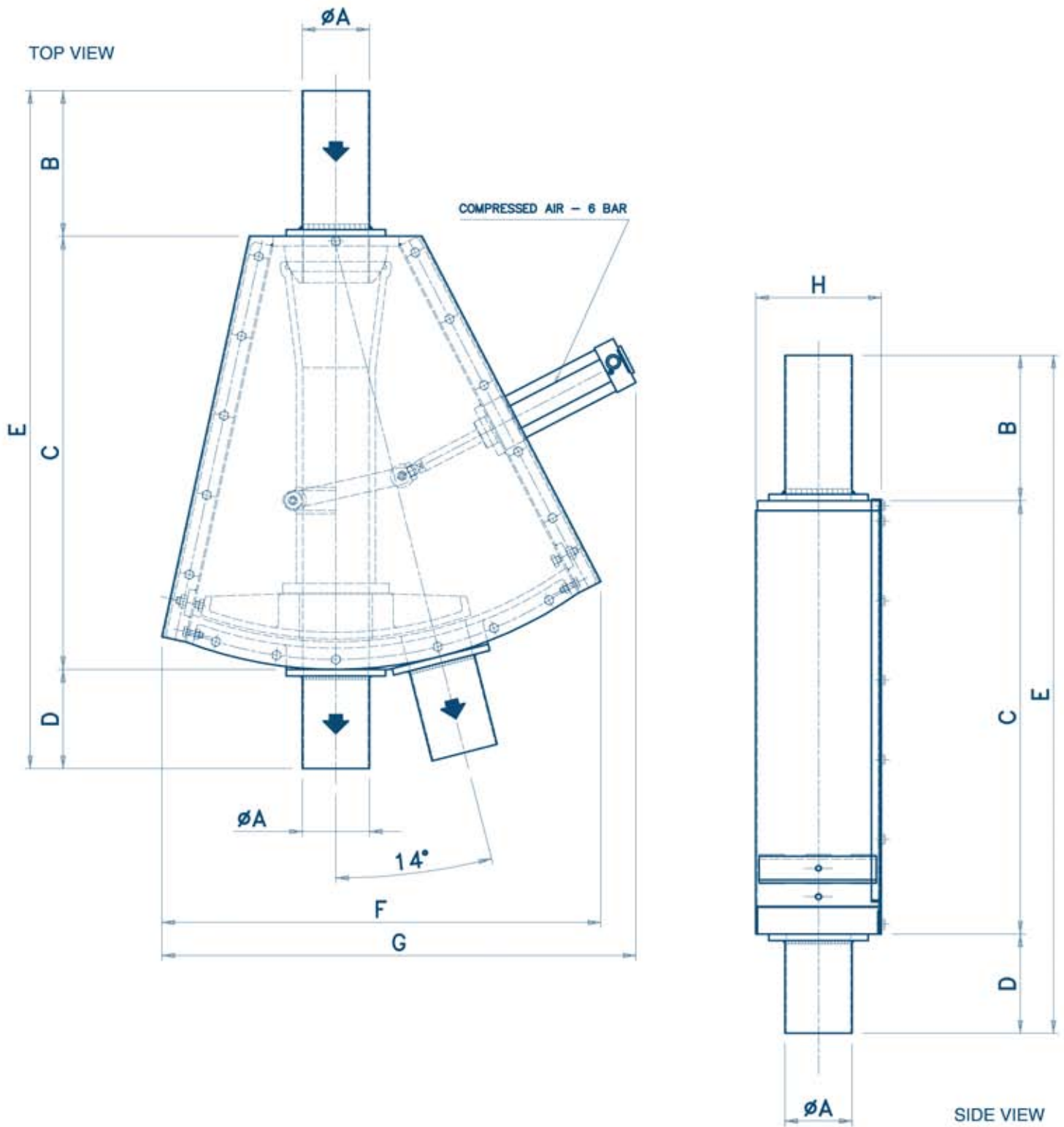
BROCHURE



COMPLIANCE



II 3D III C T135°C Dc X



	A	B	C	D	E	F	G	H
50	60,3	100	430	70	610	425	530	172
80	88,9	150	440	150	955	665	715	190
100	101,6	220	655	150	1025	665	715	190

DTG2 2 WAYS GRAVIMETRIC

GRAVIMETRIC DIVERTER VALVES are designed to divert granules, powders and pellets from one way to two ways.

Thanks to two different special executions they are also used for abrasive products and in dairy making DTG2 is an universal valve suitable for all kinds of applications, Thanks to the wide range of accessories, DTG2 can meet all customer's need.



APPLICATIONS

GRAVIMETRIC DISCHARGE
POWDER
GRANULE
PELLETS
DIVERTERS
MOCA – EC1935/2004

DESIGN

SIZE: DN150, DN200, DN 250
BODY: CARBON STEEL, ALUMINIUM, SS304 OR SS316L
FLAP: PAINTED CARBON STEEL, SS304 OR SS316L
SEAL: TEFLON
OPERATION: CYLINDER OR MANUAL

FEATURES

PRESSURE: ATM
TEMPERATURE: MAX 100 °C
FLY SWITCH
RUGGED DESIGN
LONG LIFE

OPTIONALS

SPECIAL EXECUTION FOR ABRASIVE PRODUCT
INNER POLISHED TREATMENT
MATERIAL ACCORDING WITH EC1935/2004
VARIOUS CHEMICAL TREATMENT ON BODY/FLAP
HIGH TEMPERATURE VERSION
INSPECTION DOOR WITH SAFETY KEY
INNER CONE FOR FLOWRATE REDUCTION
SIZE ON REQUEST
KIT CONNECTING PIPE

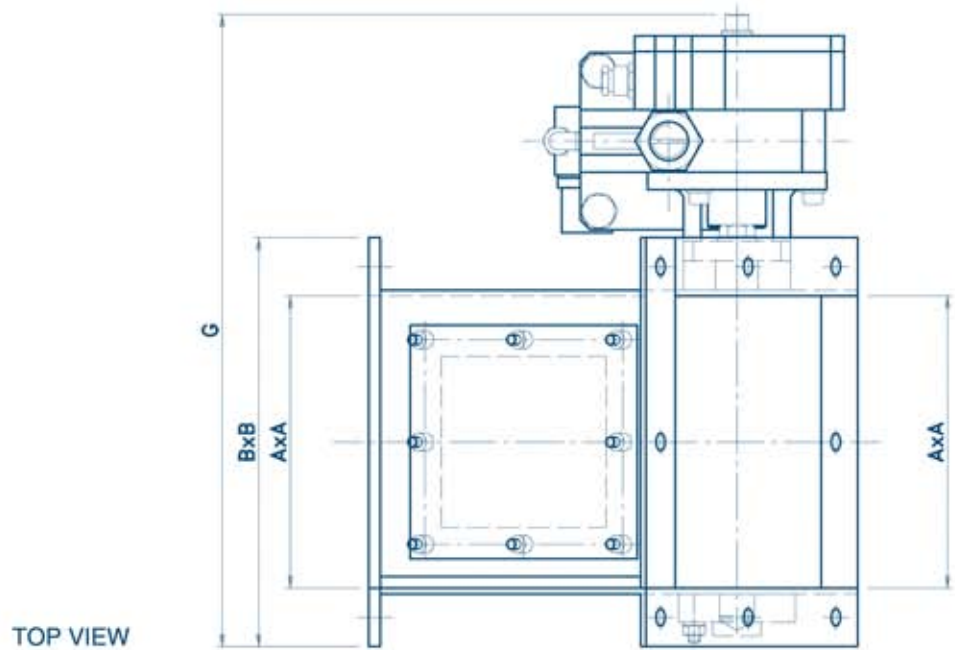
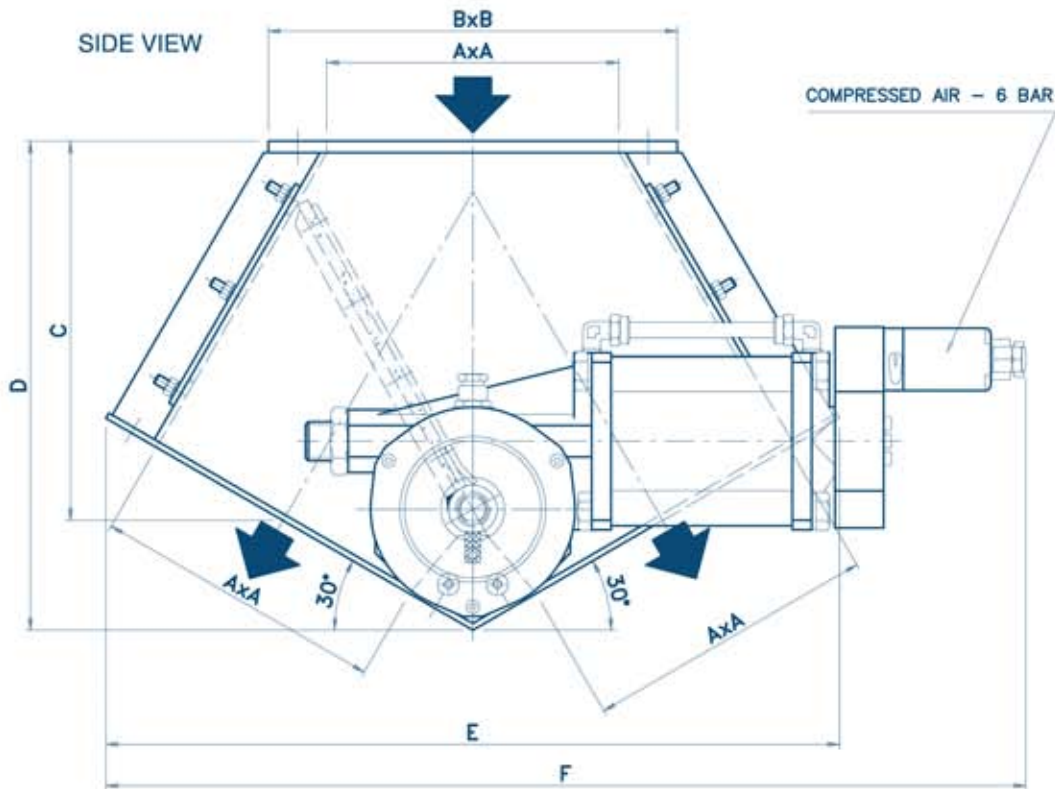
BROCHURE



COMPLIANCE



II 3D III C T135°C Dc X



	A	B	C	D	E	F	G	WEIGHT
150	150	210	195	250	375	470	325	Kg -
200	200	266	275	340	480	645	380	Kg -
250	250	316	325	400	565	700	430	Kg -

DTG3 3 WAYS GRAVIMETRIC

GRAVIMETRIC DIVERTER VALVES are designed to divert granules, powders and pellets from one way to three ways.

Thanks to two different special executions they are also used for abrasive products and in dairy making DTG3 is an universal valve suitable for all kinds of applications with many accessories that match the customer's needs.



APPLICATIONS

GRAVIMETRIC DISCHARGE
POWDER
GRANULE
PELLETS
DIVERTERS
MOCA – EC1935/2004

DESIGN

SIZE: DN150, DN200, DN 250
BODY: CARBON STEEL, ALUMINIUM,
SS304 OR SS316L
FLAP: PAINTED CARBON STEEL,
SS304 OR SS316L
SEAL: FELT
OPERATION: CYLINDER OR MANUAL

FEATURES

PRESSURE: ATM
TEMPERATURE: MAX 100 °C
FLY SWITCH
RUGGED DESIGN
LONG LIFE

OPTIONALS

SPECIAL EXECUTION
FOR ABRASIVE PRODUCT
INNER POLISHED TREATMENT
MATERIAL ACCORDING WITH EC1935/2004
VARIOUS CHEMICAL
TREATMENT ON BODY/FLAP
HIGH TEMPERATURE VERSION
INSPECTION DOOR WITH SAFETY KEY
INNER CONE FOR FLOWRATE REDUCTION
SIZE ON REQUEST
KIT CONNECTING PIPE

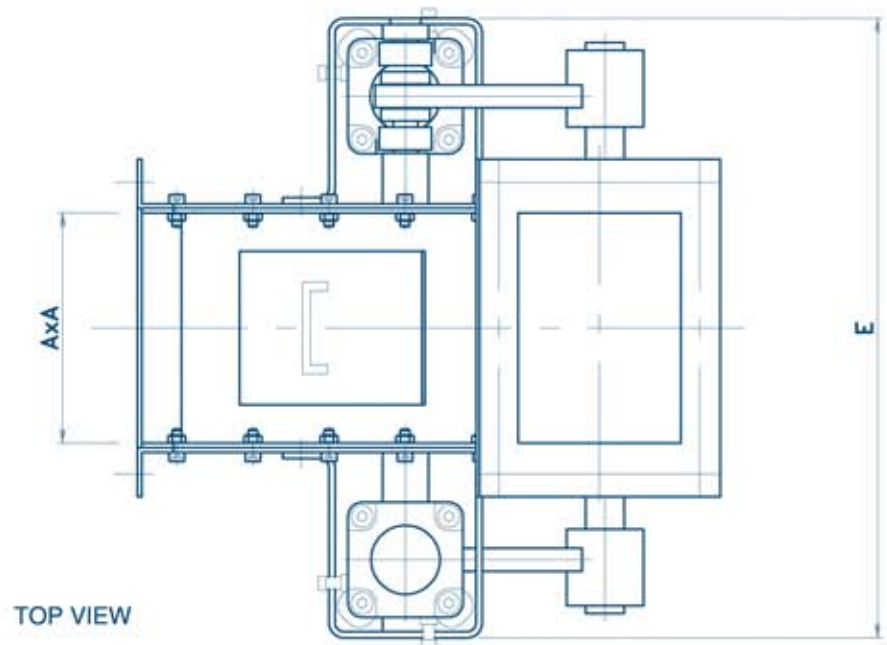
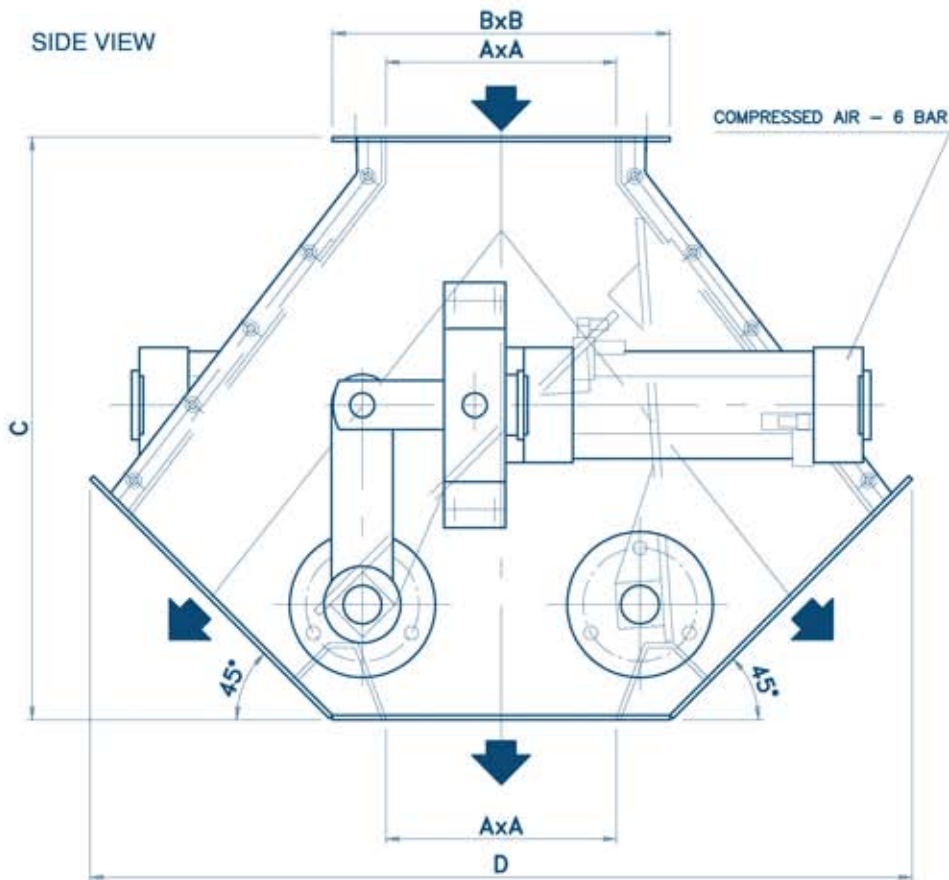
BROCHURE



COMPLIANCE



II 3D III C T135°C Dc X



	A	B	C	D	E	WEIGHT
150	150	220	450	655	455	Kg -
200	200	270	450	655	455	Kg -
250	250	320	500	775	505	Kg -

SGA1 SINGLE CYLINDER KNIFE VALVE

SLIDE GATE VALVES SGA1 are designed to shut off the flow of product from outlets of dry bulk storage bins, silos, conveyors and other discharge points.

SGA1 is used where dust sealing is requested. The self-calibrated spring ensures the valve a long durability and reduces SGA1 wear and tear. Slide gate valve is suitable for the most demanding applications on market.



APPLICATIONS

GRAVIMETRIC FLOW
POWDER
GRANULE
PELLETS
MOCA – EC1935/2004

DESIGN

SIZE: DN 150, DN 200, DN 250
BODY: CASTING ALUMINIUM
BLADE: SS304/SS316L
MAIN SEAL: NOVATRON
OPERATION: SINGLE CYLINDER, HANDWHEEL

FEATURES

PRESSURE: ATM, 1 BAR
TEMPERATURE: MAX 100 °C
RUGGED DESIGN
LONG LIFE

OPTIONALS

SPECIAL EXECUTION
FOR ABRASIVE PRODUCT
MATERIAL ACCORDING WITH EC1935/2004
VARIOUS CHEMICAL TREATMENT
ON BODY/FLAP
VARIOUS SEAL MATERIAL
HIGH TEMPERATURE VERSION
CUSTOM SIZE

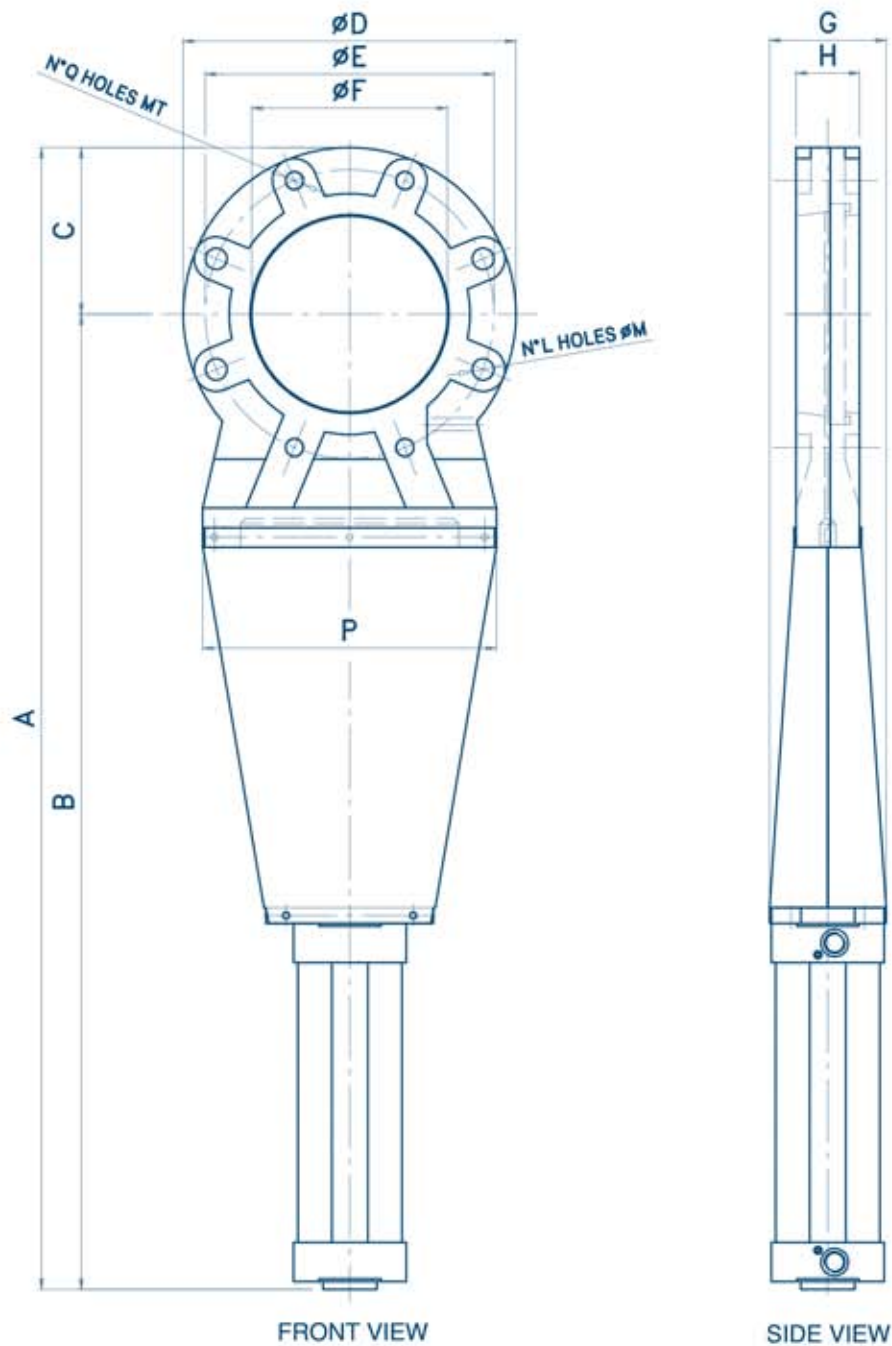
BROCHURE



COMPLIANCE



II 3D III C T135°C Dc X



	A	B	C	D	E	F	G	H	L x ØM	P	Q x MT
150	935	795	140	280	Ø240	Ø153	115	65	4 x Ø22	270	4 x M20
200	1130	960	170	340	Ø295	Ø200	115	65	4 x Ø22	300	4 x M20
250	1325	1130	195	390	Ø350	Ø254	140	65	6 x Ø22	360	6 x M20

SGA2 DOUBLE CYLINDER KNIFE VALVE

SLIDE GATE VALVES SGA2 are designed to shut off the flow of product from outlets of dry bulk storage bins, silos, conveyors and other discharge points. It is recommended for hopper with weighting cells and dosing units since it can avoid any reading error.

SGA2 is used where dust sealing is requested. The self-calibrated spring ensures the valve a long durability and reduces SGA2 wear and tear. Slide gate valve is suitable for the most demanding application on market. Its compact size allows a wide variety of installations.



APPLICATIONS

GRAVIMETRIC FLOW
POWDER
GRANULE
PELLETS
MOCA – EC1935/2004

DESIGN

SIZE: DN 150, DN 200, DN 250
BODY: CASTING ALUMINIUM
BLADE: SS304/SS316L
MAIN SEAL: NOVATRON
OPERATION: DOUBLE CYLINDER

FEATURES

PRESSURE: ATM, 1 BAR
TEMPERATURE: MAX 100 °C
RUGGED DESIGN
LONG LIFE

OPTIONALS

SPECIAL EXECUTION
FOR ABRASIVE PRODUCT
MATERIAL ACCORDING WITH EC1935/2004
VARIOUS CHEMICAL
TREATMENT ON BODY/FLAP
VARIOUS SEAL MATERIAL
HIGH TEMPERATURE VERSION
CUSTOM SIZE

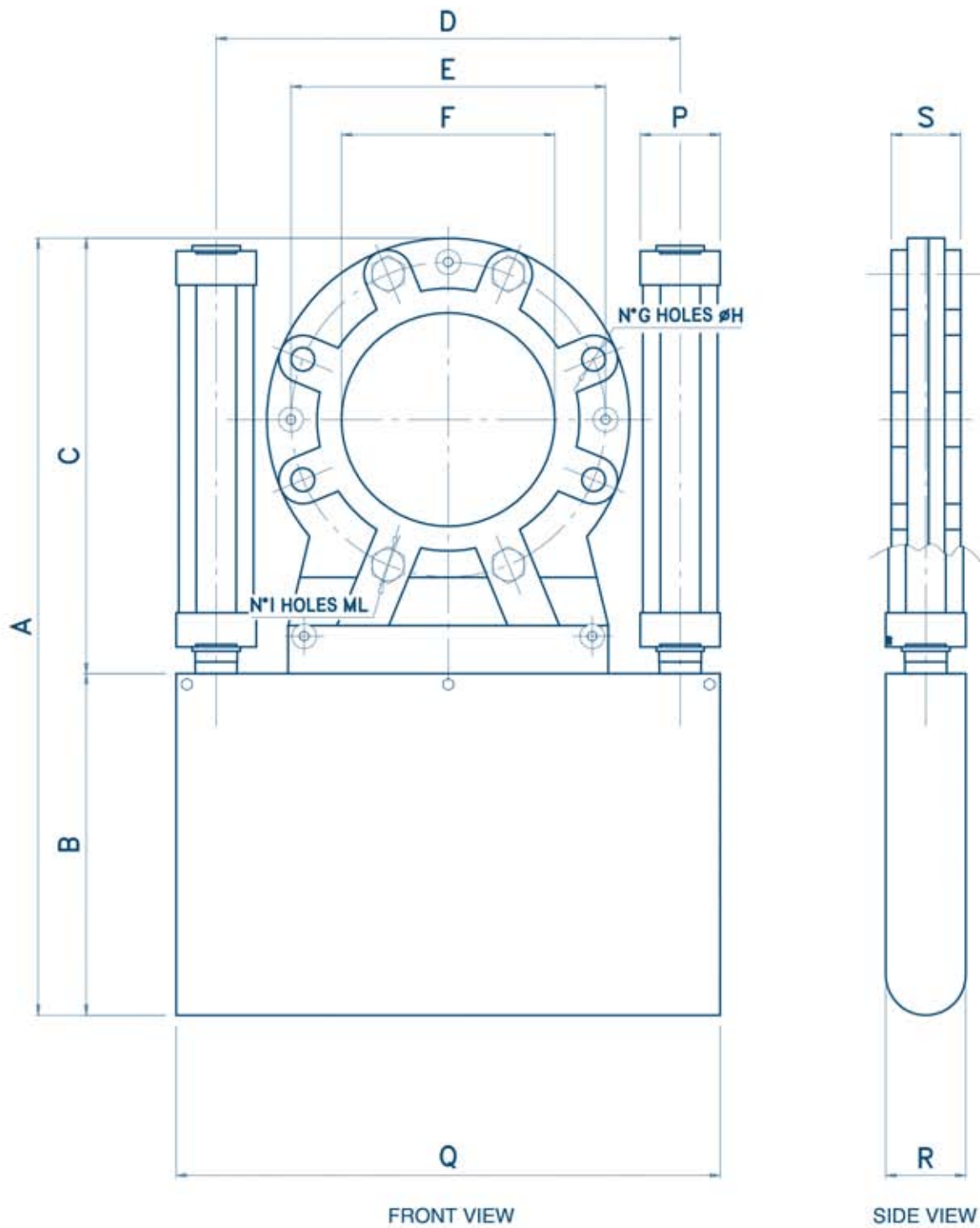
BROCHURE



COMPLIANCE



II 3D III C T135°C Dc X



	A	B	C	D	E	F	G x H	I x ML	P	R	S	Q
150	670	295	375	386	Ø240	Ø153	4 x Ø22	4 x M20	95	112	65	485
200	770	345	425	441	Ø295	Ø200	4 x Ø22	4 x M20	95	112	65	540
250	895	395	500	515	Ø350	Ø254	6 x Ø22	6 x M20	115	112	65	640

SLIDE GATE VALVES SGB are designed for shutting off the flow of product and dosing the product during discharge.

SGB, thanks to a two opposite cylinders, sets the dosing through the double blades having always a free opening. Moreover its compact design allows number of applications from outlets of dry bulk storage bins, silos, conveyors and other discharge points.

SGB is used where dust sealing is requested. The self-calibrated spring ensures the valve a long durability and reduces SGB wear and tear. SGB is suitable for the most demanding application on market.



APPLICATIONS

GRAVIMETRIC FLOW
POWDER
GRANULE
PELLETS
MOCA – EC1935/2004

DESIGN

SIZE: DN 200
BODY: ALUMINIUM
BLADE: SS304/SS316L
MAIN SEAL: NOVATRON
OPERATION: DOUBLE CYLINDER

FEATURES

PRESSURE: ATM, 1 BAR
TEMPERATURE: MAX 100 °C
RUGGED DESIGN
LONG LIFE

OPTIONALS

SPECIAL EXECUTION
FOR ABRASIVE PRODUCT
MATERIAL ACCORDING WITH EC1935/2004
VARIOUS CHEMICAL TREATMENT
ON BODY/FLAP
VARIOUS SEAL MATERIAL
HIGH TEMPERATURE VERSION
CUSTOM SIZE

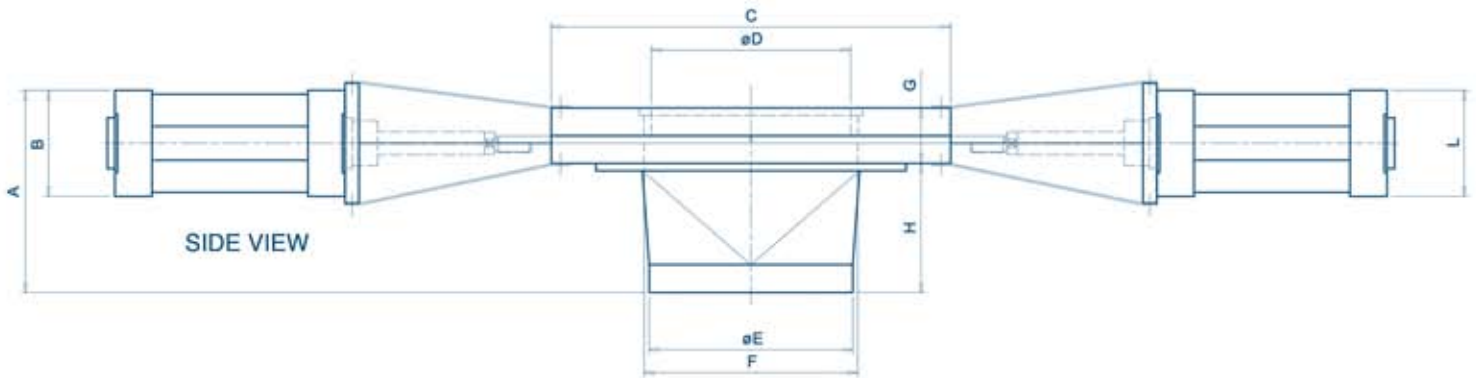
BROCHURE



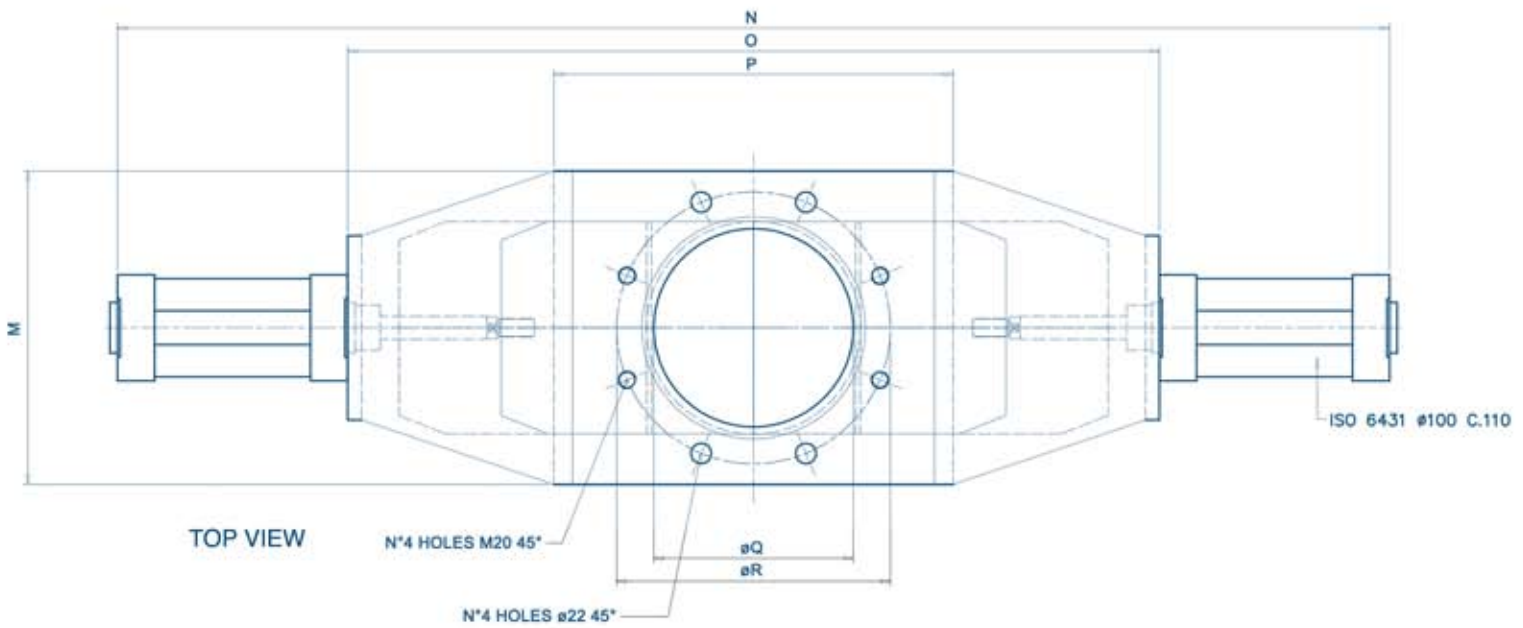
COMPLIANCE



II 3D III C T135°C Dc X



SIDE VIEW



TOP VIEW

N°4 HOLES M20 45°

N°4 HOLES e22 45°

ISO 6431 #100 C.110

A	B	C	ØD	ØE	F	G	H	L	M	N	O	P	ØQ	ØR
200	220	115	430	215	219,1	230X230	60	140	115	340	1370	875	430	215 295

SLIDE GATE VALVES SGM are designed for shutting off the material from hoppers, silos and rotary valves when maintenance of downstream equipment is requested.

SGM is suitable for a range of application thanks to its compact design. The blade self-cleaning after each opening ensures the valve a long durability.



APPLICATIONS

GRAVIMETRIC FLOW
POWDER
GRANULE
PELLETS
MOCA – EC1935/2004

DESIGN

SIZE: DN 150, DN 200, DN 250
BODY: CASTING ALUMINIUM
BLADE: SS304/SS316L
OPERATION: MANUAL

FEATURES

PRESSURE: ATM
TEMPERATURE: MAX 100 °C
NARROW PROFILE
FREE OPENING
HORIZONTAL AND VERTICAL INSTALLATION
LONG LIFE

OPTIONALS

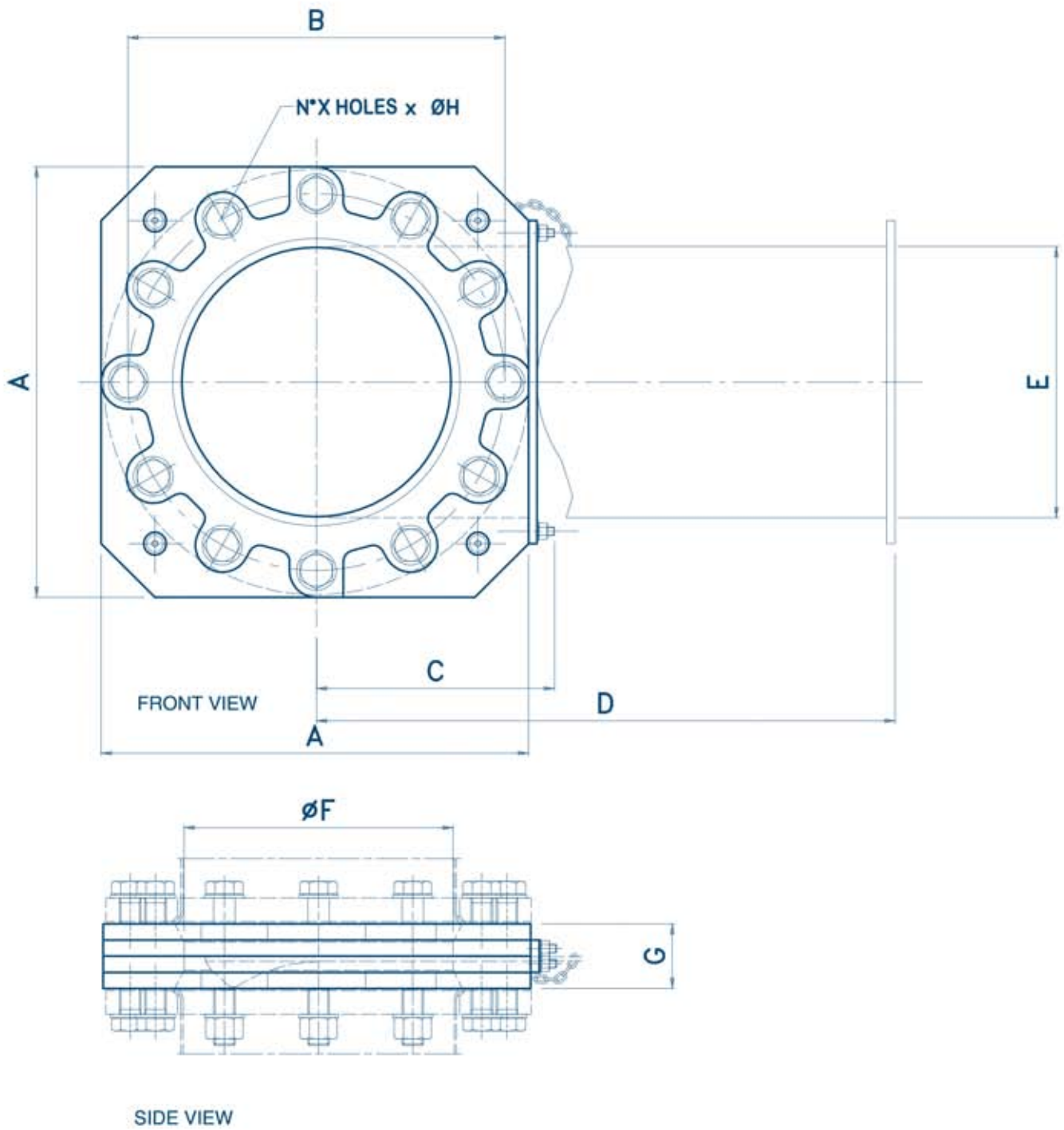
SPECIAL EXECUTION
FOR ABRASIVE PRODUCT
MATERIAL ACCORDING WITH EC1935/2004
CUSTOM SIZE

BROCHURE



COMPLIANCE





	A	B	C	D	E	F	G	I x ML
150	285	Ø240	180	406	160	Ø156	58	8 x Ø22
200	340	Ø295	208	484.5	205	Ø200	64	8 x Ø22
250	400	Ø350	237	568	264	Ø250	60	12 x Ø22

OVER UNDER PRESSURE RELIEF VALVES are designed to prevent any risk of explosion or implosion, thanks to the calibration of springs which release an inner metal disk thus assuring the air venting, in case of over/under pressure condition.

The valve is connected through a flange to hopper and silo. Its major advantage is to have a simple&easy installation. This device may be calibrated for sundry pressure and/or underpressure levels by setting the preloading of springs.



APPLICATIONS

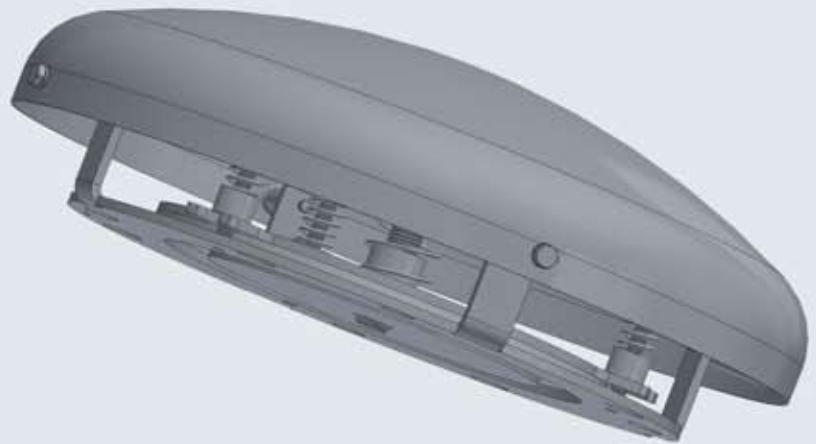
FILLING
STORING
SILO
HOPPER
BINS/TANKS

DESIGN

FLANGING: DN 250 PN 16 (4 HOLES)
HOUSING: SS304
DISK: SS304

FEATURES

DESIGN PRESSURE: +100/- 50 mbar
WORKING PRESSURE: MAX +45/-20 mbar
DESIGN TEMPERATURE: -20°/+200° C
WORKING TEMPERATURE: -10°/+150° C
MIN SETTING RANGE: +8/-5 mbar

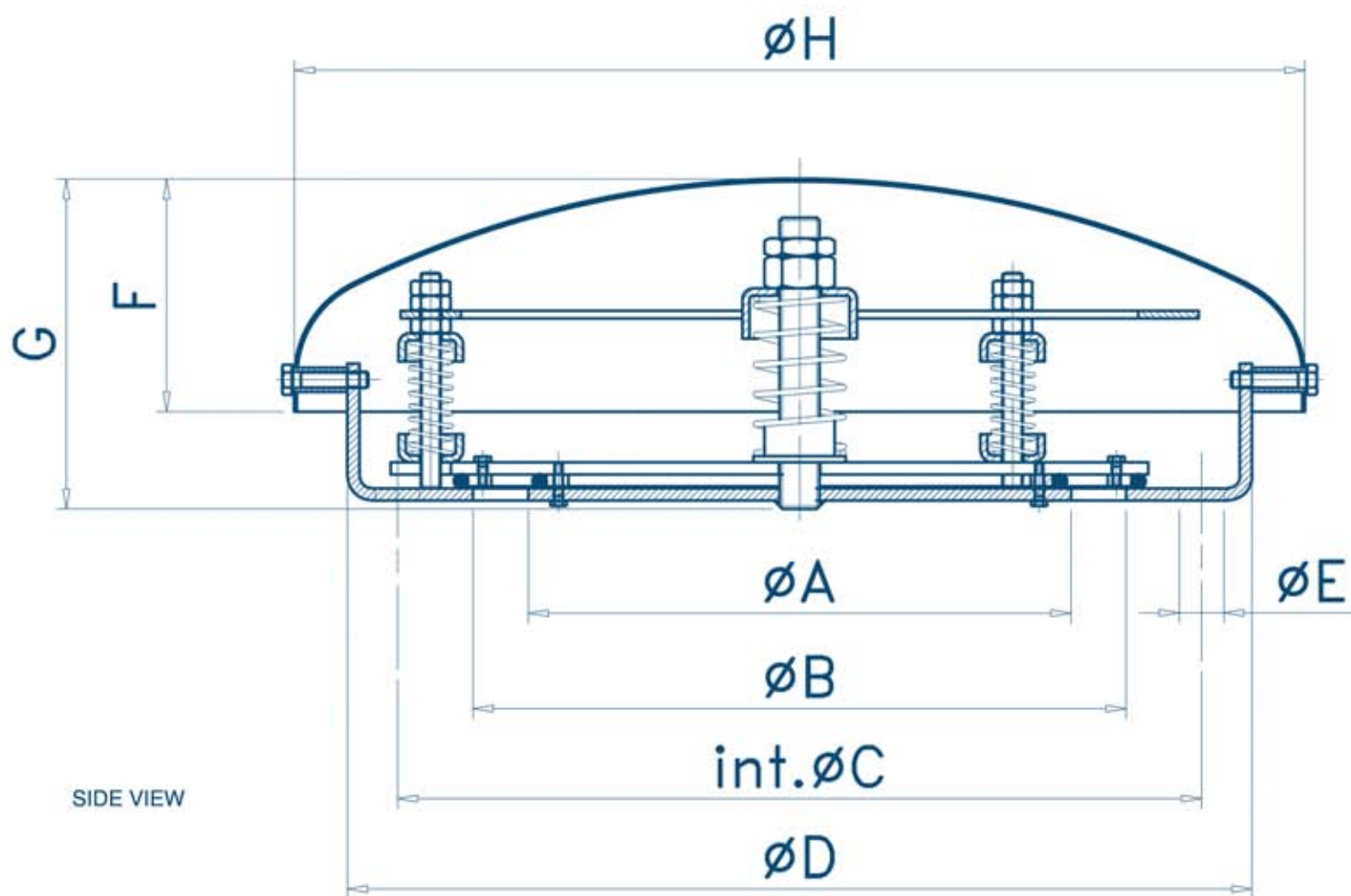


BROCHURE



COMPLIANCE





FLANGING	HOLES	ØA	ØB	ØC	ØD	ØE	F	G	ØH
250 PN16	4	215	270	355	405	25	115	165	500
300 PN10	8	270	325	400	450	22	115	165	500

COMAV



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COMAV

Compactors for EPS expanded polystyrene

COMPACTOR FOR EXPANDED POLYSTYRENE

The increase of industrial production has led to waste management in different way, moving from an unproductive good to a profit-producing good for the company.

The compaction of packaging waste, usually very voluminous, results to be very advantageous and helps companies to save the storage space, as well as transporting of the material itself.

With this perspective, COMAV has included in its production range different types of recycling compactors, from dry to wet polystyrene.

The compactor can be supplied with various accessories, such as pre-breaker, and assembled with a complete shredding and compaction system.



Average reduction ratio

40:1

Volume

28:1

Density



Expanded polystyrene

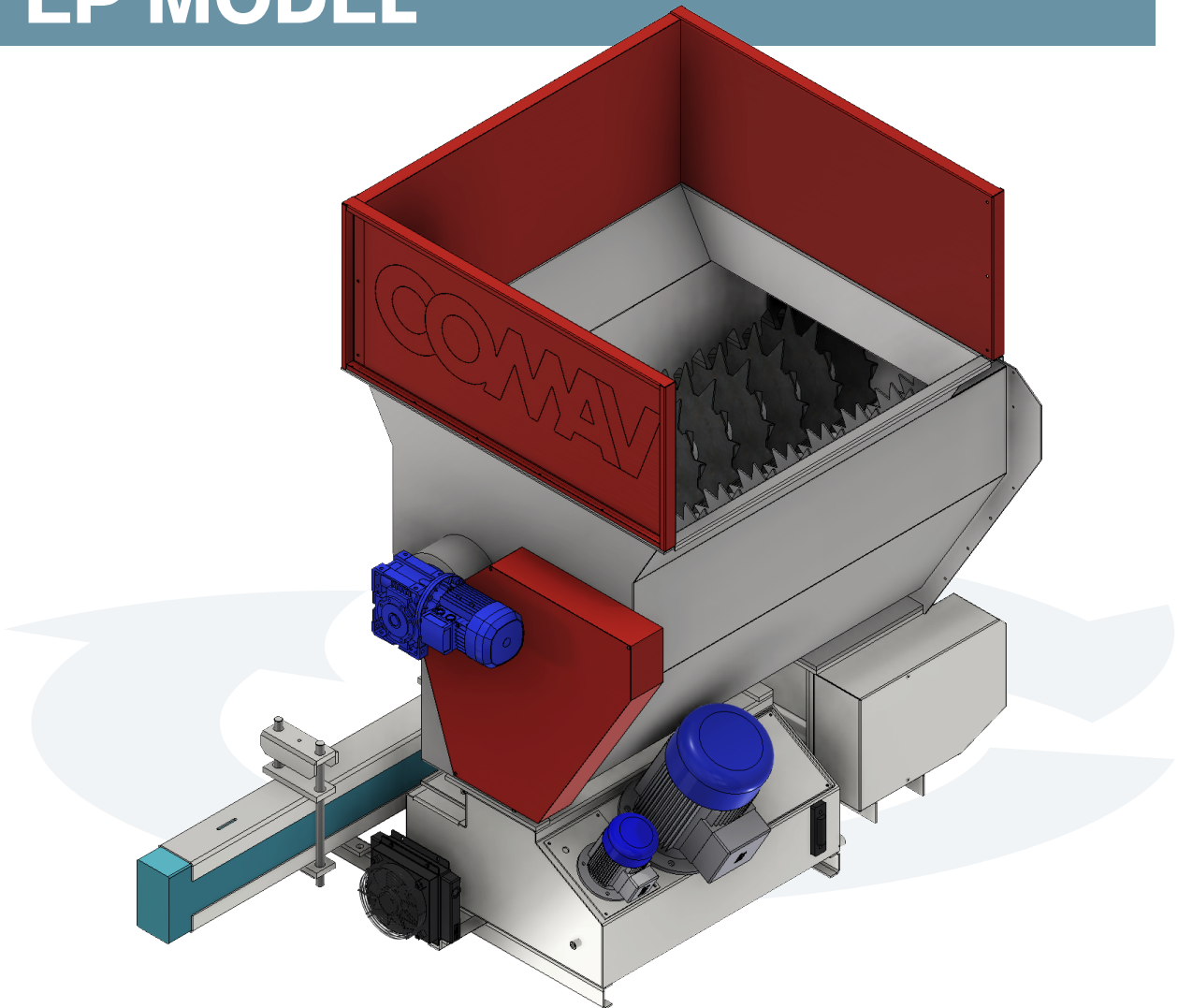


Compaction and volume reduction



Value of the scrap

COMPACTOR FOR EXPANDED POLYSTYRENE EP MODEL

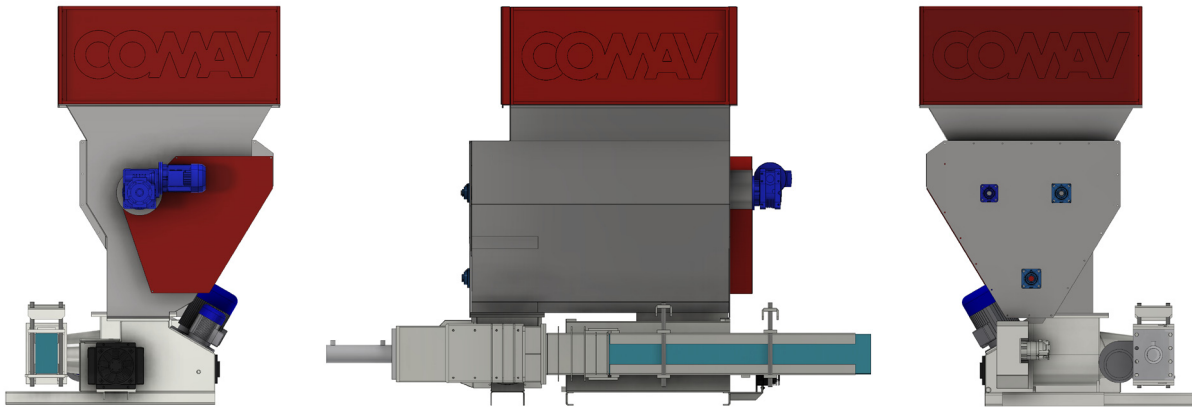


The machines are built in compliance with the regulations in force and provided with CE mark.

Compactors suitable for the recovery of expanded polystyrene packaging, with low moisture content. The packaging is transformed into dense blocks, which can be easily arranged on pallets, allowing transport and optimization of storage for recycling.



COLD COMPACTION TECHNOLOGY: avoids the crystallization of the polystyrene, keeping its value unchanged

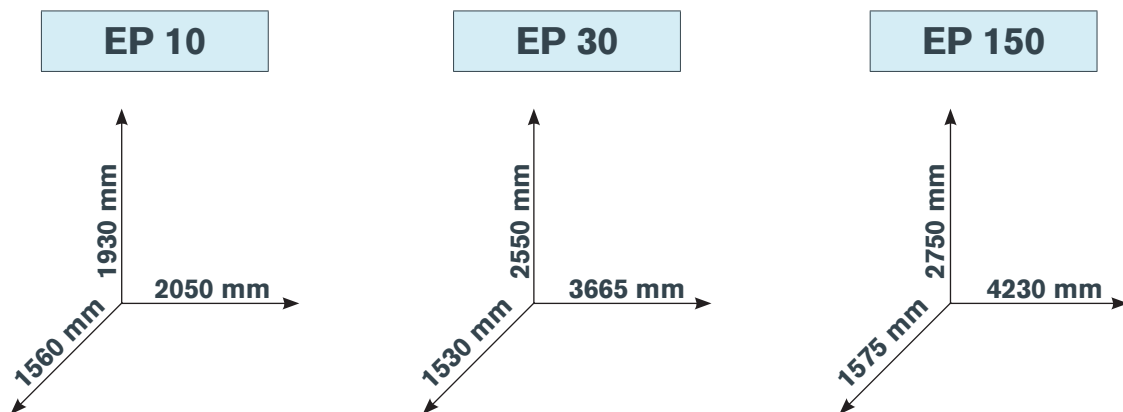


TECHNICAL FEATURES

	EP 10	EP 30	EP 150
Capacity	10-15 kg/h	30-40 kg/h	100-150 kg/h
Dimensions of the discharge mouth	180x80 mm	250x135 mm	350x215mm
Achievable density	350 kg/m ³		
Installed power	4,0 kW	9,0 kW	17,5 kW

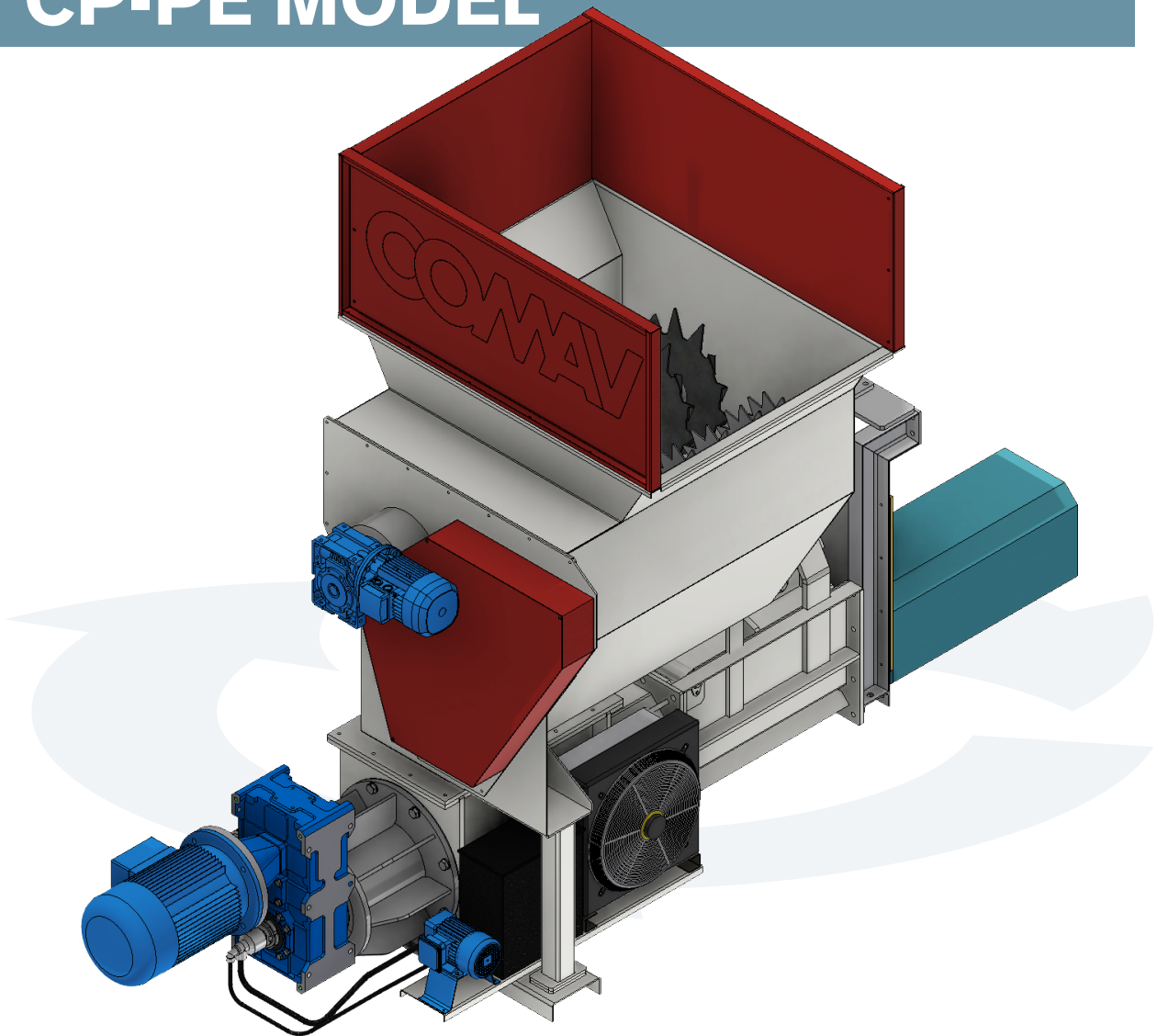
DIMENSIONS OF THE MACHINE WITH PRE-BREAKER

for other versions, please contact COMAV



The measures are to be considered indicative and subject to changes with reference to the type of project.

COMPACTOR FOR EXPANDED POLYSTYRENE CP-PE MODEL

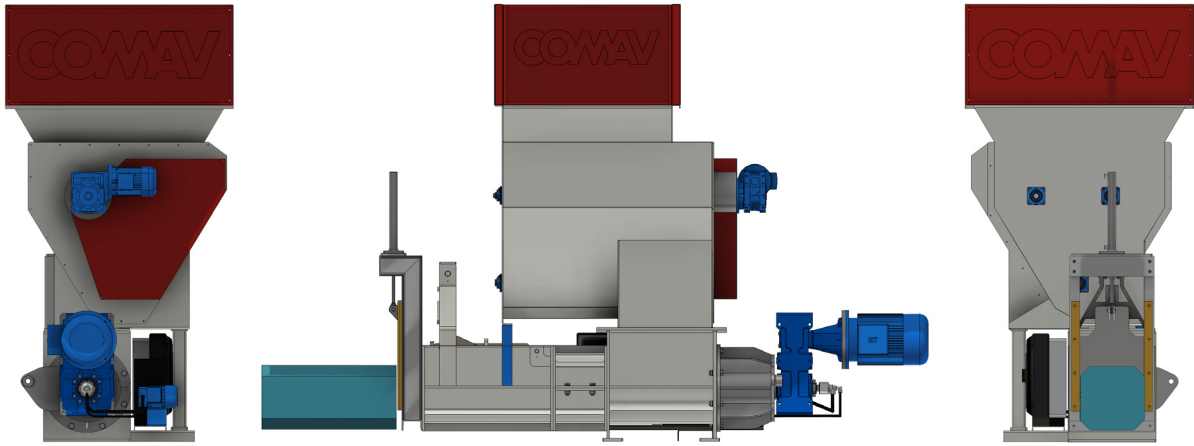


The machines are built in compliance with the regulations in force and provided with CE mark.

Compactors of reduced size and extremely simple, designed to compact fish boxes, trays and other types of wet, clean or contaminated EPS packaging.



PATENTED TECHNOLOGY of the internal cooling system that avoids the overheating of the material and its possible melting.

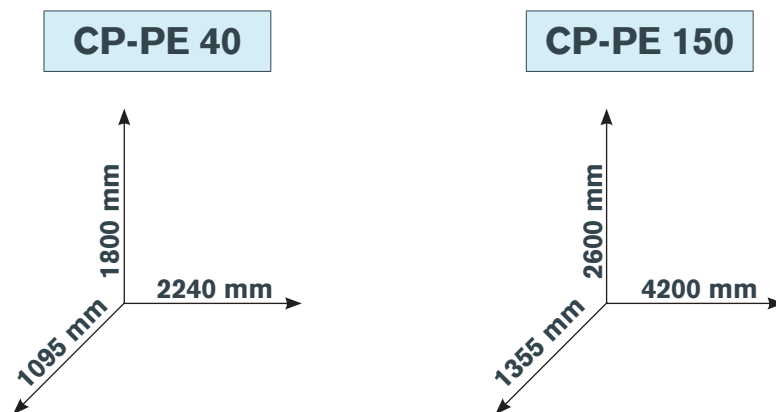


TECHNICAL FEATURES

	CP-PE 40	CP-PE 150
Capacity	30-40 kg/h	80-150 kg/h
Dimensions of the discharge mouth	210x210 mm	380x380 mm
Achievable density	200-330 kg/m ³	300-400kg/m ³
Installed power	7,5 kW	18,0 kW

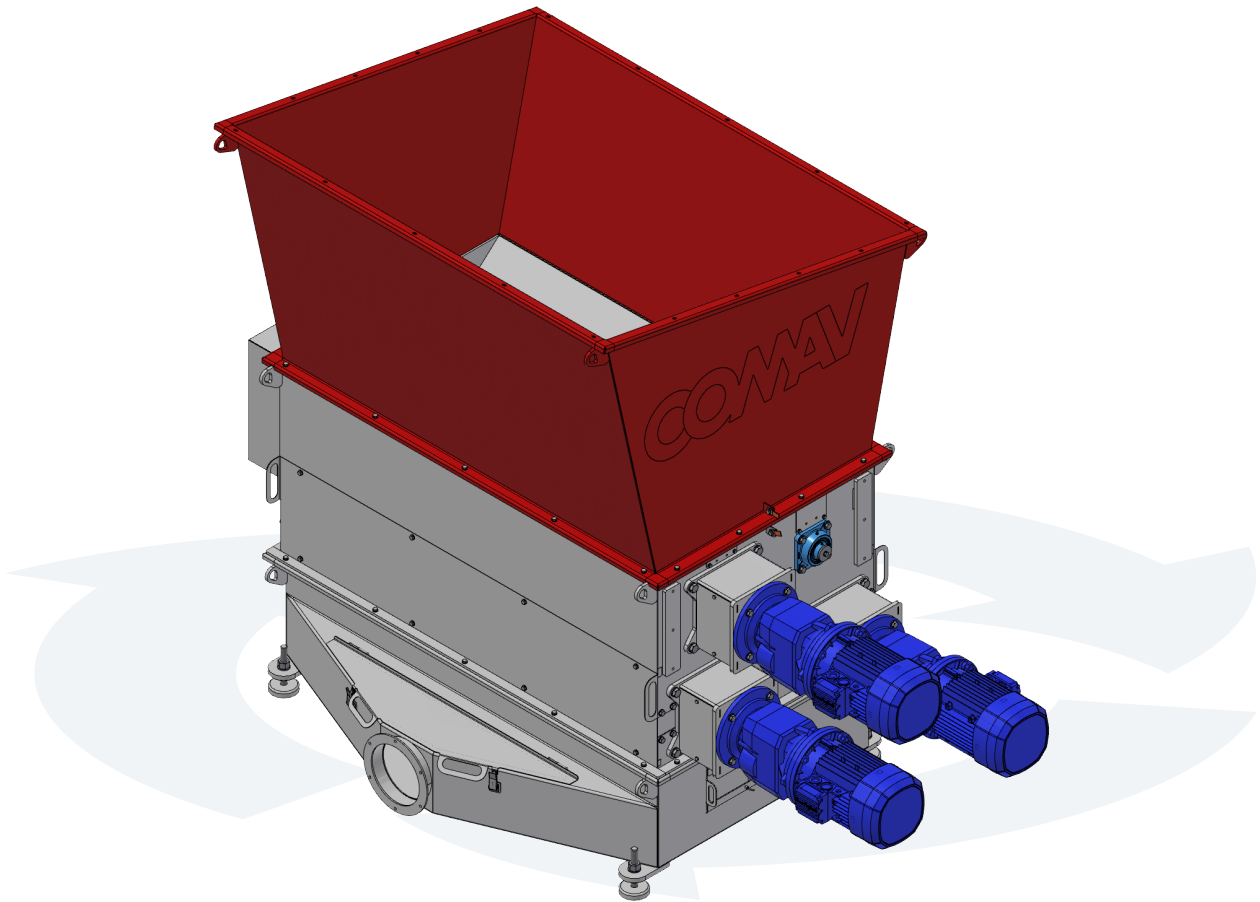
DIMENSIONS OF THE MACHINE WITH PRE-BREAKER

for other versions, please contact COMAV



The measures are to be considered indicative and subject to changes with reference to the type of project.

GRINDER MILL AND CRUSHER MILL



The machines are built in compliance with the regulations in force and provided with CE mark.

GRINDING MILL

mod. MM30 for expanded polystyrene waste, with loading hopper with double pre-crushing shaft with opposite rotation, lower grinder with double rotating shaft with contrast slippers and electrical control panel.



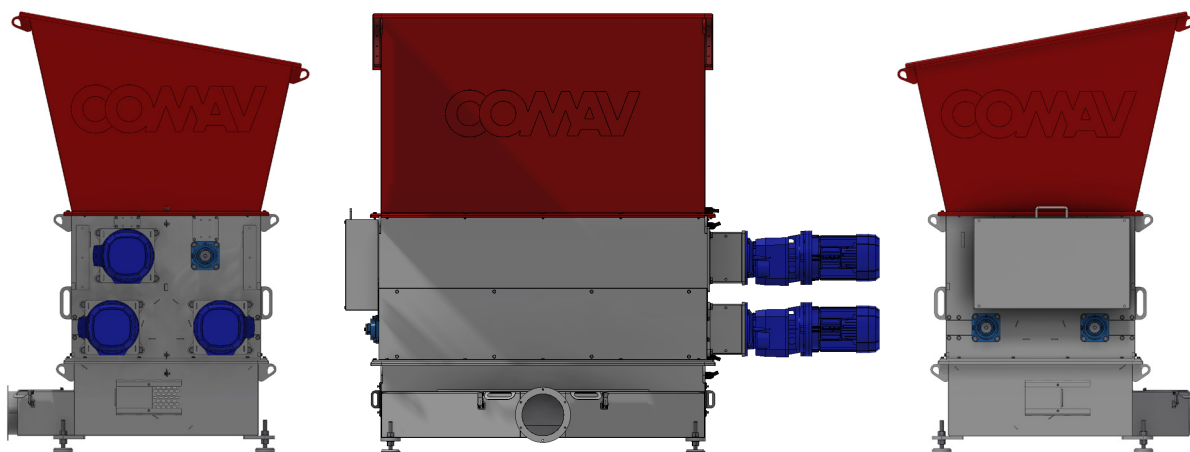
The EPS is ground in order to obtain very fine pieces

CRUSHING MILL

mod. MF40 for sheets, strips or preforms of expanded polystyrene with loading hopper of maximum width 1200 x 1500 mm, with double crushing shaft with opposite rotation system, lower grid and electric control panel.



The polystyrene is crushed to obtain much coarser pieces



TECHNICAL FEATURES

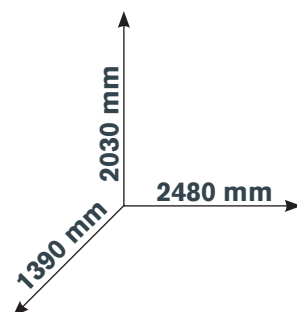
	GRINDER MILL	CRUSHER MILL
Installed power	15 kW	11 kW
Inlet dimensions	1200x1500 mm	
Sieve hole diameter	Std \varnothing 12 mm	\varnothing 40 mm
Productivity (*)	10 - 30 m ³ /h	60 - 70 m ³ /h max

(*) according to the density of the material to be ground and the diameter of the sieve holes

DIMENSIONS OF THE MACHINE WITH PRE-BREAKER

for other versions, please contact COMAV

GRINDER MILL AND CRUSHER MILL



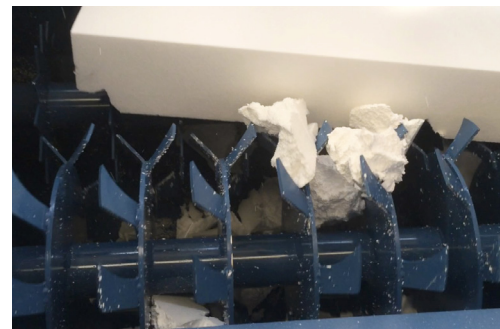
ACCESSORIES FOR COMPACTORS

CUTTING UNIT

of the compacted block, with electro-pneumatic control, with the possibility of setting the block length, according to specific needs.



REINFORCED REELS PRE-BREAKER
for EPS blocks with density $\geq 30 \text{ Kg/dm}^3$.



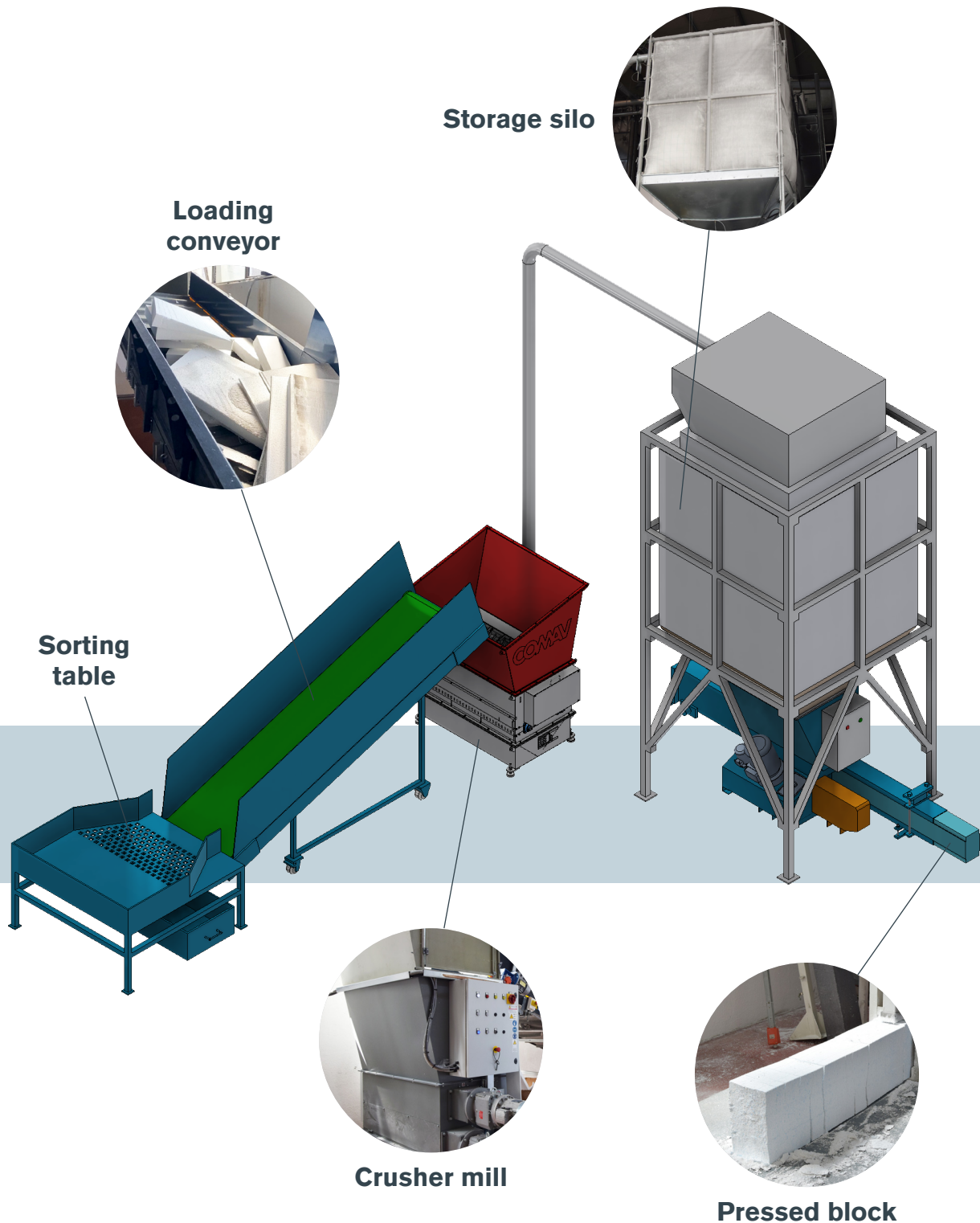
LOADING HOPPER

in painted carbon steel complete with flexible sleeve for connection to the discharge of any storage silo, if provided..



COMPLETE AUTOMATIC SYSTEMS

- ✓ Configurable according to customer needs.
- ✓ Dedicated to industrial processes.
- ✓ They allow high quantities of material storage.
- ✓ High quantity of product + storage = solution with silos to optimize the production flow



AUTOMATION 4.0 AND RECYCLING



COMAV machines comply with the Directives concerning the ecological and digital transition, which are fundamental for the growth and competitiveness of companies.

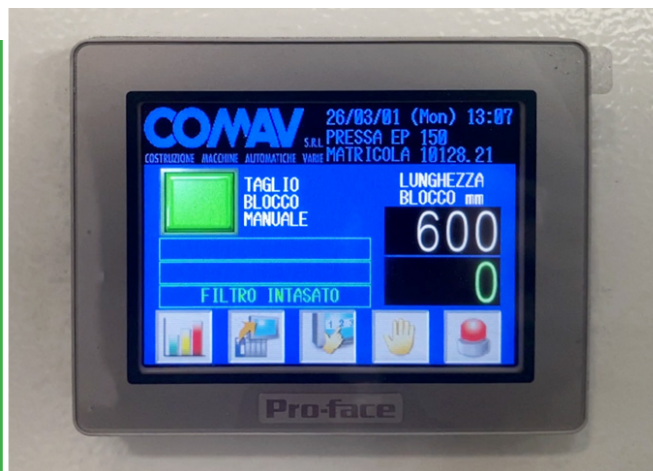
By installing energy-efficient motors, we ensure a reduction of emissions and pollution, helping companies to become more sustainable and competitive.



ELECTRIC CONTROL PANEL

OUR MACHINES ARE EQUIPPED WITH:

- ✓ Operator panel - easy to use and intuitive, already set-up for human/machine interaction
- ✓ Remote assistance router - already set up for remote assistance
- ✓ PLC and Energy Meter - for detection of the absorbed power and real consumption of the machine

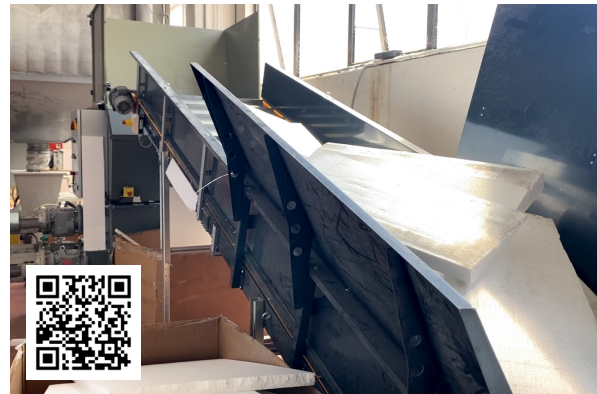


Our presses are designed to be integrated into the customer's production lines.

Once integrated with the other machines and the management system, they are ready to be certified **INDUSTRY 4.0**

INSTALLATION

Tailor-made projects to satisfy any specific Customer's requirement.



PACKING

The compacted blocks are placed on pallets thus optimizing space storage.

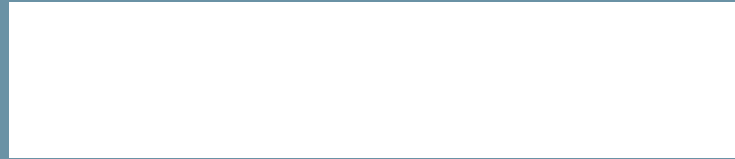


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Case History /

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Big Bag Discharger	24

Bag Emptying Machine SVR



TECHNICAL NOTES

SCOPE OF SUPPLY: *Various models of bag emptying machine SVR*

CUSTOMER'S NEED: *automatic or semi-automatic loading*

CAPACITY: *from 50 to 1000 bags/h*

MATERIAL: *power and granule*

MATERIAL BAG: *All*

EQUIPMENT: *SVR COMPACT, SVR DEPA, SVR NT, SVR EL*

POSSIBLE APPLICATION: *for pneumatic or mechanical conveying and by gravity*



COMAV

Aero Mechanical Conveyor



TECHNICAL NOTES

SCOPE OF SUPPLY: *Various Installation*

FLOWRATE: *from 1 to 25 tons/h*

MATERIAL: *Different handling materials
in granule and powder*

EQUIPMENT: *aero conveyor TM76/TM100/TM150*



COMAV

Fabric Silo



TECHNICAL NOTES

SCOPE OF SUPPLY: SILO

CUSTOMER'S NEED: *Indoor Installation, ATEX Zone, low cost, easy&fast assembling, food grade storing, modular storing*

Capacity : up to 60 m3

MATERIAL: *Different handling materials in granule and powder*

EQUIPMENT: *Trevira Silo for various application*



Valve

VSFC



DTG3



DTP



VSD



SGA2



Filler Unit



TECHNICAL NOTES

SCOPE OF SUPPLY: Filling unit for various applications

FLOWRATE: Up to 25 Tons/h

MATERIAL: different handling materials such as sugar, plastic granules, cement etc.

EQUIPMENT: Bespoke project with Comav's equipment

VFSC & OutFitting



TECHNICAL NOTES

SCOPE OF SUPPLY: Various system to discharge the bulk material by container

CUSTOMER'S NEED: integrated rotary valve on chassis

FLOWRATE: up to 25 Tons/h

MATERIAL: all

CONTAINER SIZE: 20',30',40'

EQUIPMENT: Rotary Valve VSFC320

POSSIBLE SOLUTION: axial installation, transversal installation, electric or hydraulic motorization



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Tilting Station



TECHNICAL NOTES

SCOPE OF SUPPLY: *Tilting Container and/or Truck*

SIZE: *20'/30'/40'*

EQUIPMENT: *Tilting Station with integrated a mechanical conveyor or pneumatic conveying to convey the bulk material*



Deduster



TECHNICAL NOTES

SCOPE OF SUPPLY: *Remove of any coarse particles*

CUSTOMER'S NEED: *any contamination during the filling*

THROUGHPUT: *until up 18 tons/h*

MATERIAL: *Plastic granule*

EQUIPMENT: *Deduster*

Capsule Emptying Machine



TECHNICAL NOTES

SCOPE OF SUPPLY: *Caps Emptying Machine*

CUSTOMER'S NEED: *Recycling coffee caps, ATEX Classified, automatic slit*



Octabin Dumper



 **TECHNICAL NOTES**

SCOPE OF SUPPLY: *Various Installation*

SIZE: *in according to customer's need*

MATERIAL: *Different handling materials in granule and powder*

EQUIPMENT: *different version in ATEX and no ATEX*



Compactor





FIBC



TECHNICAL NOTES

SCOPE OF SUPPLY: *Various models of compactor*

CUSTOMER'S NEED: *recycling*

MATERIAL: *in according with kind of compactor such as EPS, XPS, NOWOVEN, EMPTY BAG, EMPTY BIG BAG, etc*

EQUIPMENT: *CP PE, EP, PPR 100, CP BAG, CP BIG BAG, HYDRAULIC BALER*



TECHNICAL NOTES

SCOPE OF SUPPLY: *Various Installation*

SIZE: *in according to customer's need*

MATERIAL: *Different handling materials in granule and powder*

EQUIPMENT: *different case study in ATEX and no ATEX*



Big Bag Discharger



TECHNICAL NOTES

SCOPE OF SUPPLY: *Various Installation*

SIZE: *in according to customer's need*

MATERIAL: *Different handling materials in granule and powder*

EQUIPMENT: *different version in ATEX and no ATEX*





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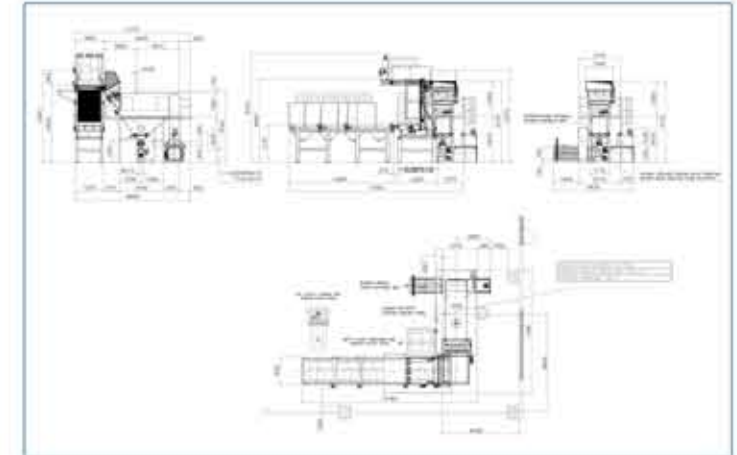
Bag Emptying Machine Projects Book /

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SVR Depa Project 1

SVR DEPA
DEPALLETIZER



TECHNICAL NOTES

SCOPE OF SUPPLY: *filling several silos*

CUSTOMER'S NEED: *pallet loading at 90°*

FLOWRATE: *22 tons/h*

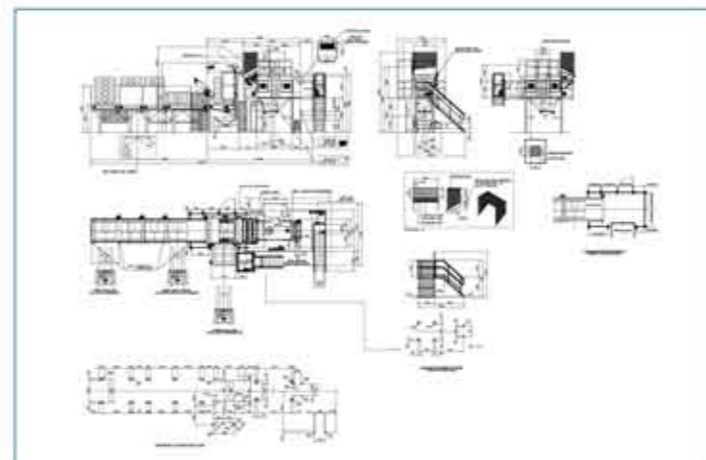
MATERIAL: *several kind of plastic granules*

KIND OF BAG: *plastic*

MATERIAL SUPPLIED: *on pallet with strong glue every hand*

EQUIPMENT: *SVR DEPA with hydraulic baler*

SVR Depa Project 2



TECHNICAL NOTES

SCOPE OF SUPPLY: filling silos

CUSTOMER'S NEED: high security level, partial discharging, easy removing of full pallet, stressful condition

FLOWRATE: 10 tons/h

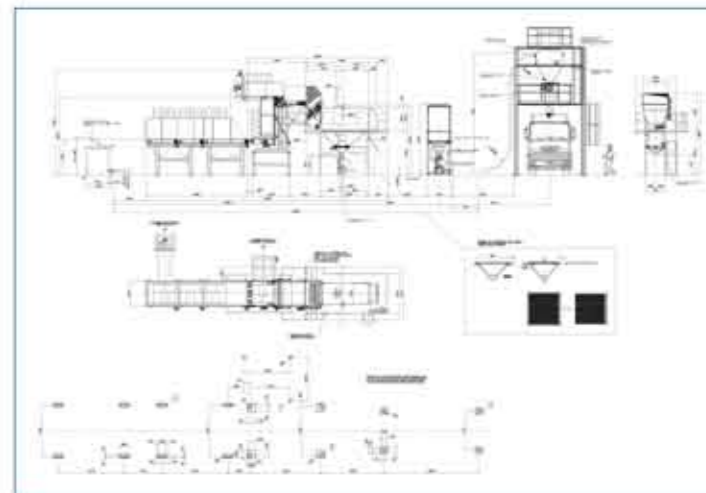
MATERIAL: PP and general plastic granule

KIND OF BAG: plastic

MATERIAL SUPPLIED: on pallet

EQUIPMENT: SVR 600 with special depalletizer and safety equipment designed in according to SIL2 Pl d

SVR Depa Project 3



TECHNICAL NOTES

SCOPE OF SUPPLY: filling truck

CUSTOMER'S NEED: filling less than 1 hour and 45 minutes, any empty bag residual after the cutting

FLOWRATE: 20 tons/h

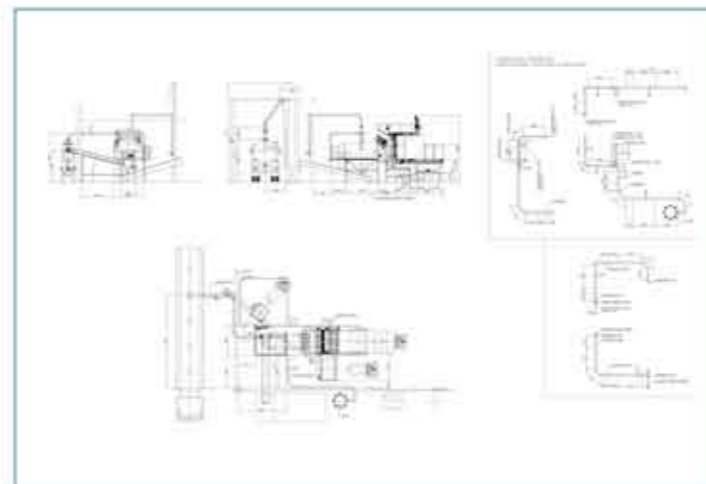
MATERIAL: various plastic granule

KIND OF BAG: plastic

MATERIAL SUPPLIED: on pallet

EQUIPMENT: SVR 1000 complete of depalletizer, empty stacker and full pallet unit

SVR Depa Project 4



TECHNICAL NOTES

SCOPE OF SUPPLY: filling tanks

CUSTOMER'S NEED: long life for blade, robust execution, ATEX Version

FLOWRATE: 10 tons/h

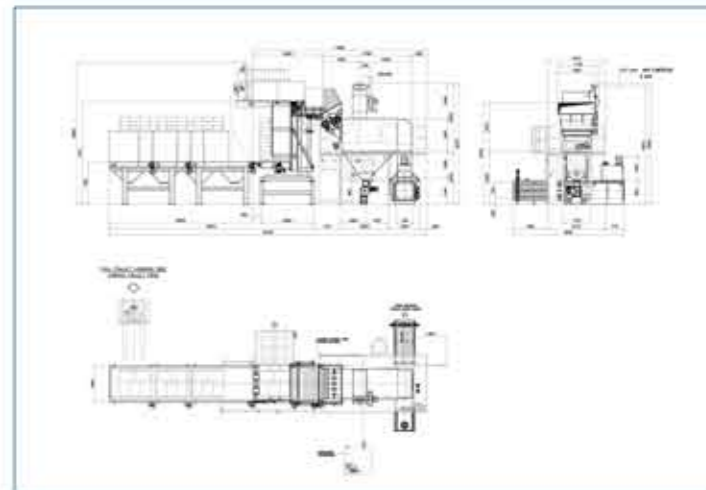
MATERIAL: coffee beans

KIND OF BAG: raffia

MATERIAL SUPPLIED: on large pallet

EQUIPMENT: Special SVR 600 with larger depalletizer and special cutting section

SVR Depa Project 5



TECHNICAL NOTES

SCOPE OF SUPPLY: filling silos

CUSTOMER'S NEED: high throughput, minimal maintenance, easy integration to their system

FLOWRATE: 25 tons/h

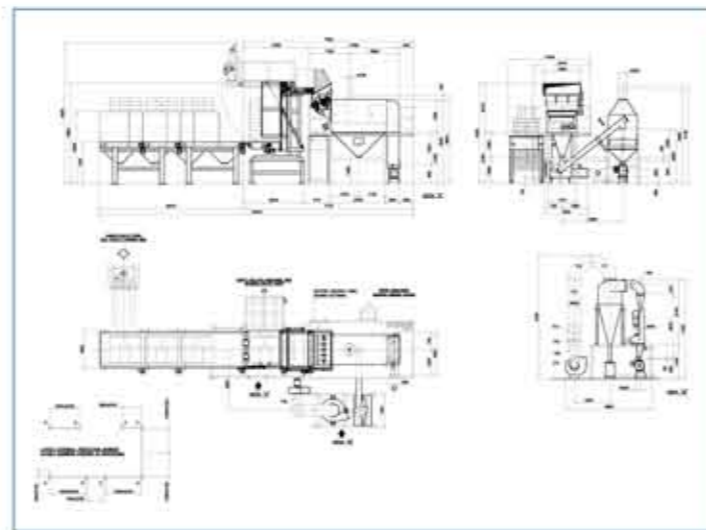
MATERIAL: various plastic granule

KIND OF BAG: plastic

MATERIAL SUPPLIED: on pallet

EQUIPMENT: SVR 1000 with hydraulic press and accessories for pneumatic conveying

SVR Depa Project 6



TECHNICAL NOTES

SCOPE OF SUPPLY: *filling truck*

CUSTOMER'S NEED: *any empty bag residual after the discharge, high throughput, low maintenance*

FLOWRATE: *20 tons/h*

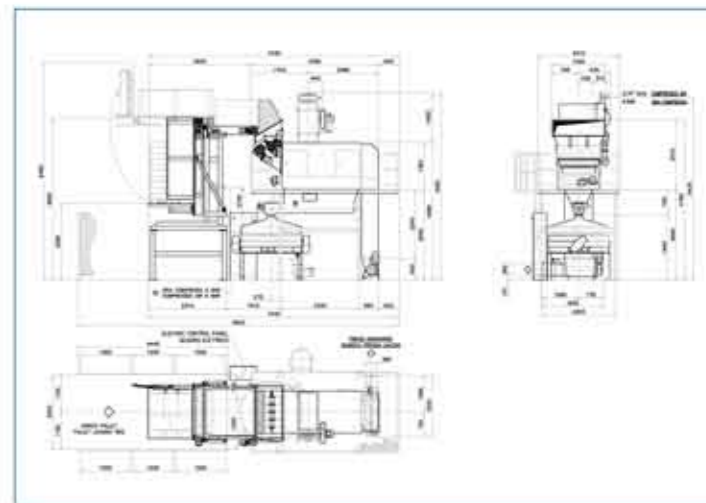
MATERIAL: *various plastic granule*

KIND OF BAG: *plastic*

MATERIAL SUPPLIED: *on pallet*

EQUIPMENT: *SVR 1000 with depalletizer, deduster, various accessories*

SVR Depa Project 7



TECHNICAL NOTES

SCOPE OF SUPPLY: *filling silos*

CUSTOMER'S NEED: *labor saving, optimize the recycling and its saving, ergonomic handling*

FLOWRATE: *10 tons/h*

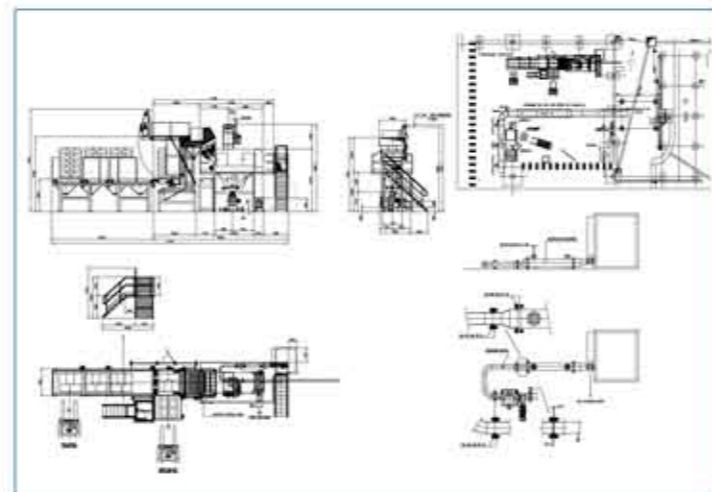
MATERIAL: *Gypsum*

KIND OF BAG: *paper*

MATERIAL SUPPLIED: *On pallet*

EQUIPMENT: *SVR 600 Depalletizer complete of filtering unit and sifter*

SVR Depa Project 8



TECHNICAL NOTES

SCOPE OF SUPPLY: *filling silos*

CUSTOMER'S NEED: *labor saving, high throughput, robust execution, low maintenance, high technology*

FLOWRATE: *15 tons/h*

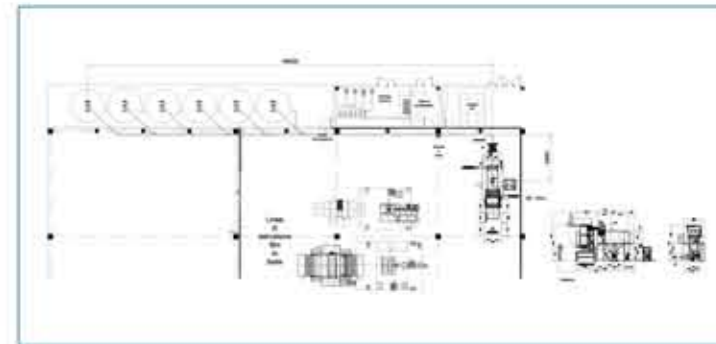
MATERIAL: *PS, GPPS, HIPS granule*

KIND OF BAG: *plastic*

MATERIAL SUPPLIED: *on pallet*

EQUIPMENT: *SVR 600 depalletizer complete of accessories for pneumatic conveying*

SVR Depa Project 9



TECHNICAL NOTES

SCOPE OF SUPPLY: *filling silos*

CUSTOMER'S NEED: *automatic loading, easy working, robust version*

FLOWRATE: *10 tons/h*

MATERIAL: *plastic granule*

KIND OF BAG: *plastic and paper*

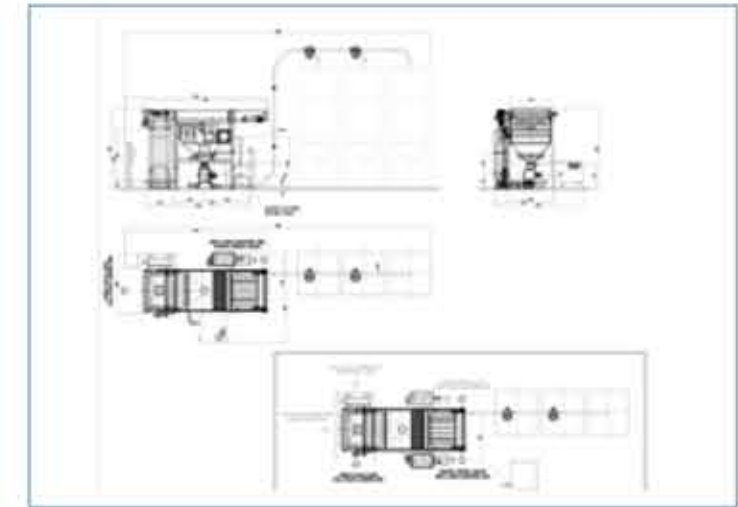
MATERIAL SUPPLIED: *on pallet with glue and without*

EQUIPMENT: *SVR 600 depalletizer*

SVR Compact Project 1

SVR COMPACT

NEEDLES PICKING



TECHNICAL NOTES

SCOPE OF SUPPLY: *filling trevira silo*

CUSTOMER'S NEED: *fast discharge, easy integration, robust execution*

FLOWRATE: *15 tons/h*

MATERIAL: *: PP, PE*

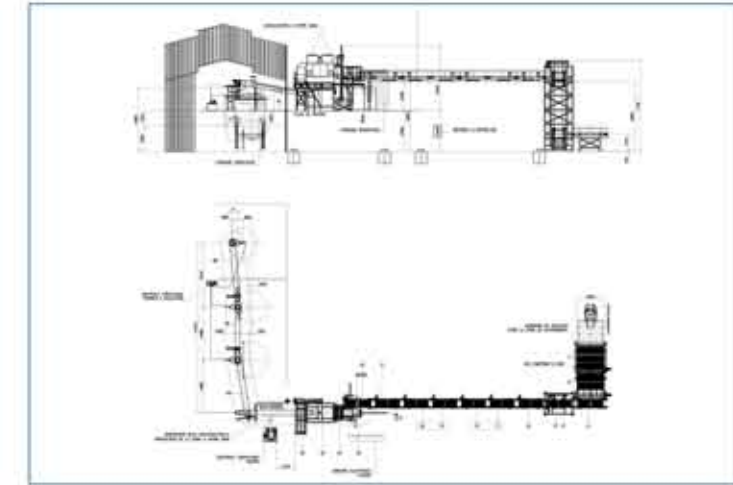
KIND OF BAG: *plastic, laminated paper*

MATERIAL SUPPLIED: *on pallet*

EQUIPMENT: *SVR COMPACT and accessories for pneumatic conveying*

SVR Metal Barrell Project 1

SVR METAL BARRELL



TECHNICAL NOTES

SCOPE OF SUPPLY: *filling tank*

CUSTOMER'S NEED: *cutting metal barrel, reduce the work accidents, avoid any stiching effect*

CAPACITY: *20 barrel/hour, each barrel 200 Kg*

MATERIAL: *rosin*

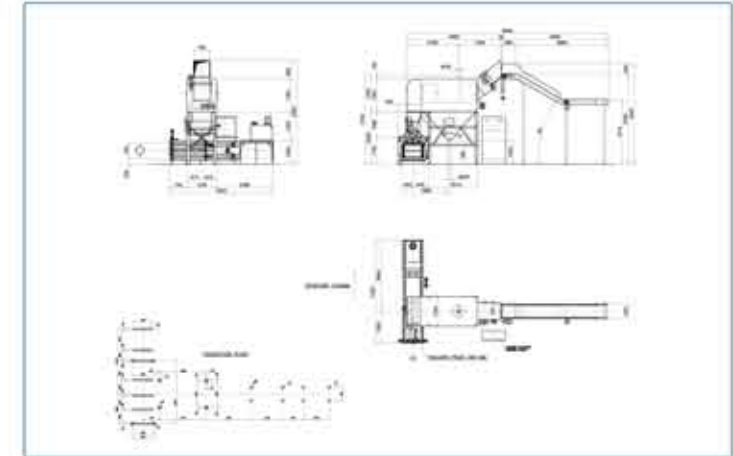
KIND OF BARREL: *metal*

MATERIAL SUPPLIED: *free barrel*

EQUIPMENT: *special bag emptying machine
bespoke design including a cooling system for
several part of equipment and its accessories such
as screw conveyor*

SVR NT Project 1

SVR NT BELT CONVEYOR



TECHNICAL NOTES

SCOPE OF SUPPLY: *filling silos*

CUSTOMER'S NEED: *minimal damage on shell of the seed*

FLOWRATE: *10 tons/h*

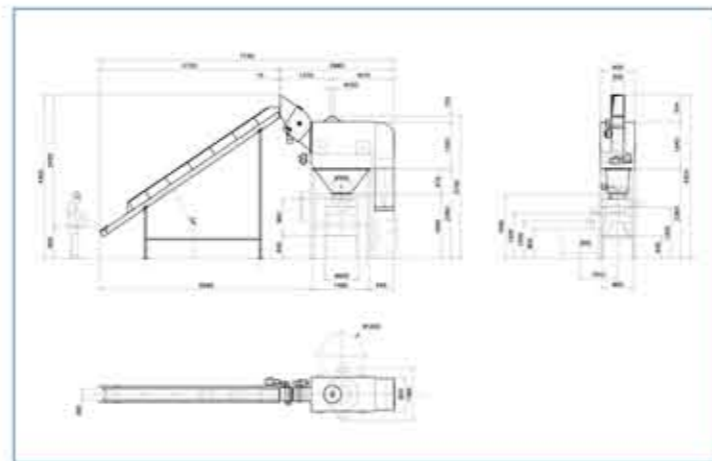
MATERIAL: *various seeds*

KIND OF BAG: *paper*

MATERIAL SUPPLIED: *on pallet*

EQUIPMENT: *SVR 600 with belt conveyor and special Tilting&Lifting Board*

SVR NT Project 2



TECHNICAL NOTES

SCOPE OF SUPPLY: coffee recycling

CUSTOMER'S NEED: recover coffee wrapping

FLOWRATE: 1 tons/h

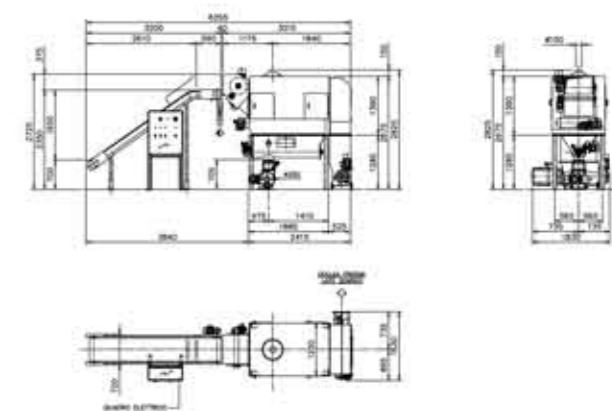
MATERIAL: coffee powder

KIND OF WRAPPING: from 1 to 5 Kg

MATERIAL SUPPLIED: free bag

EQUIPMENT: special SVR150 with belt conveyor

SVR NT Project 3



TECHNICAL NOTES

SCOPE OF SUPPLY: filling silos

CUSTOMER'S NEED: limited available space but request high throughput, easy working, no residual inside machine, easy cleaning

FLOWRATE: 9 tons/h

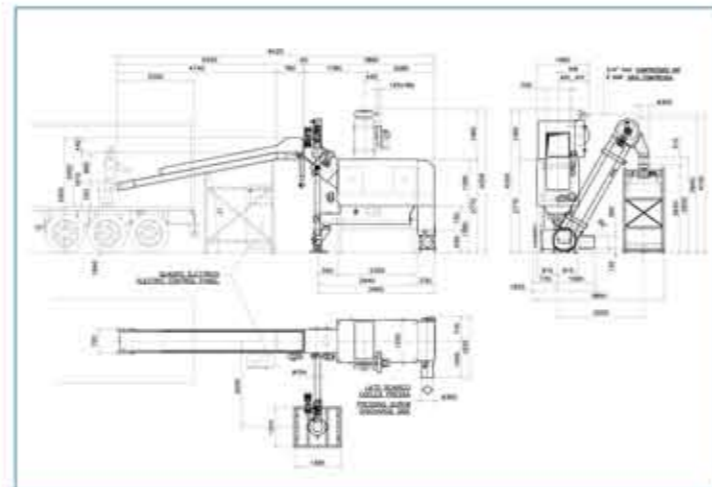
MATERIAL: plastic granule with different colors

KIND OF BAG: plastic

MATERIAL SUPPLIED: free bag

EQUIPMENT: SVR 300 with belt conveyor and special design for easy cleaning

SVR NT Project 4



TECHNICAL NOTES

SCOPE OF SUPPLY: filling big bag

CUSTOMER'S NEED: direct loading by truck trough belt conveyor, atex execution

FLOWRATE: 10 tons/h

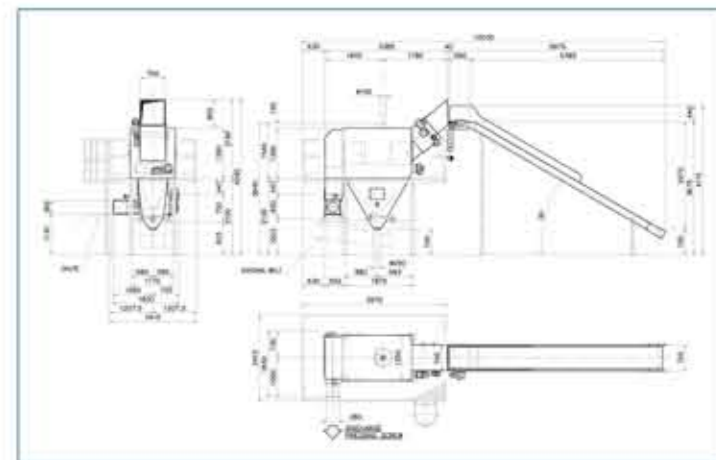
MATERIAL: sugar

KIND OF BAG: paper/plastic

MATERIAL SUPPLIED: free bag

EQUIPMENT: SVR 600 with special belt conveyor, mechanical conveyor and FIBC

SVR NT Project 5



TECHNICAL NOTES

SCOPE OF SUPPLY: filling silos

CUSTOMER'S NEED: minimal damage on material, low maintenance, long-life blade, high emptying coefficient

FLOWRATE: 10 tons/h

MATERIAL: various seeds

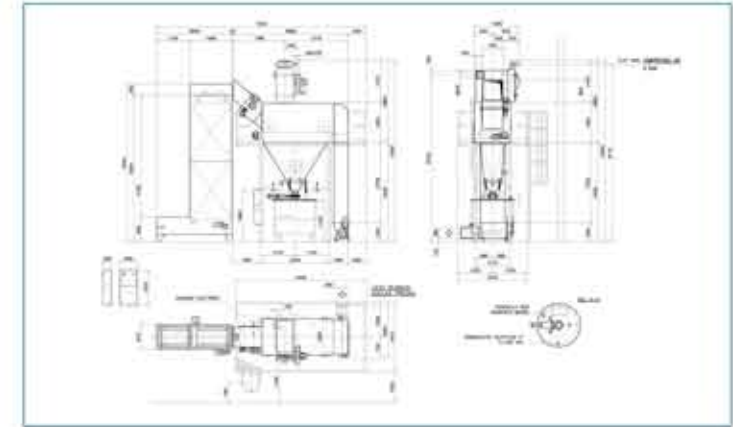
KIND OF BAG: paper with different dimensions and filling per bag

MATERIAL SUPPLIED: free pallet

EQUIPMENT: SVR 600 with belt conveyor

SVR EL Project 1

SVR EL
ELEVATOR



TECHNICAL NOTES

SCOPE OF SUPPLY: *discharge to underneath mixer tank*

CUSTOMER'S NEED: *special discharge and cover, tight seal during the discharge, ATEX version, movable mixer tank*

FLOWRATE: *4 tons/h*

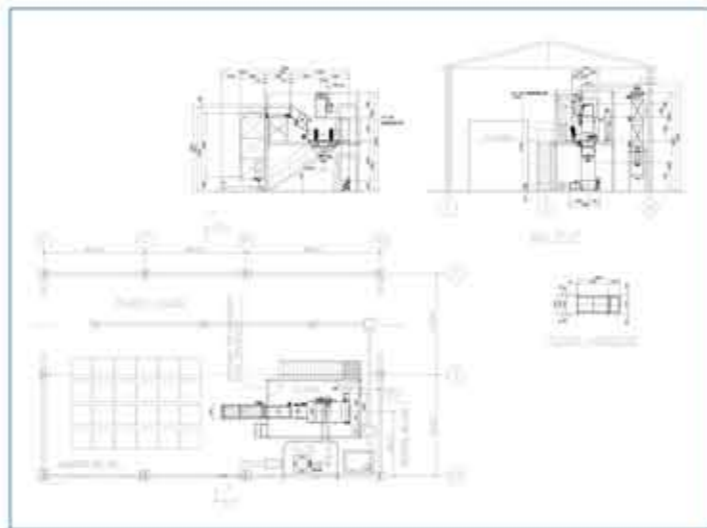
MATERIAL: *various fine powder*

KIND OF BAG: *plastic/paper*

MATERIAL SUPPLIED: *free bag*

EQUIPMENT: *SVR 300 with elevator and special cover*

SVR EL Project 2



TECHNICAL NOTES

SCOPE OF SUPPLY: *filling tanks*

CUSTOMER'S NEED: *explosion proof version, any dispersion after the cutting/discharge*

FLOWRATE: *5 tons/h*

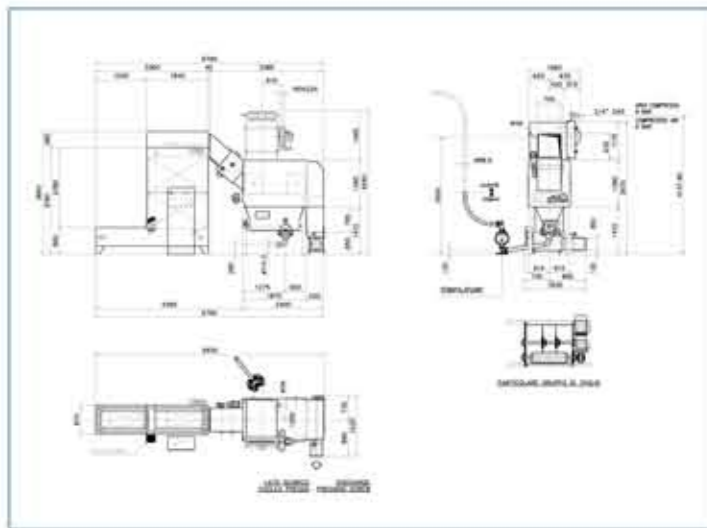
MATERIAL: *various chemical additives*

KIND OF BAG: *plastic/paper*

MATERIAL SUPPLIED: *free bag*

EQUIPMENT: *SVR 300 with elevator and suppressor*

SVR EL Project 3



TECHNICAL NOTES

SCOPE OF SUPPLY: *filling tanks*

CUSTOMER'S NEED: *any dust dispersion, compatible version in food grade, minimal inner residual*

FLOWRATE: *2 tons/h*

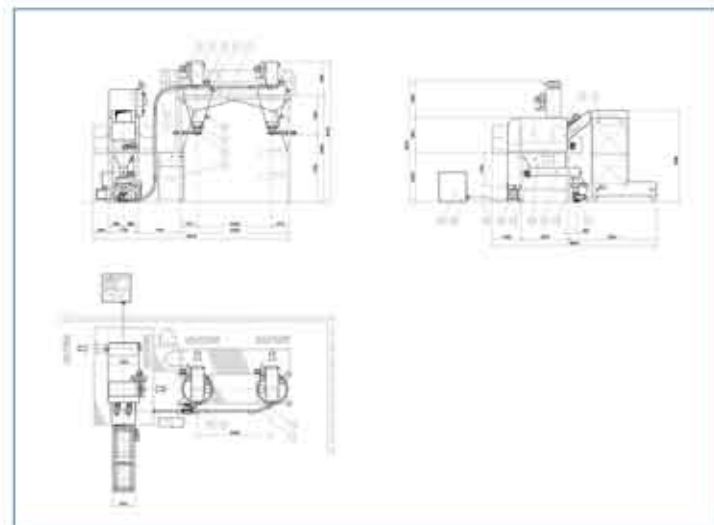
MATERIAL: *diatomaceous earth*

KIND OF BAG: *20-22-25 kg paper*

MATERIAL SUPPLIED: *free bag*

EQUIPMENT: *SVR 300 with elevator*

SVR EL Project 4



TECHNICAL NOTES

SCOPE OF SUPPLY: *filling mixer*

CUSTOMER'S NEED: *optimization of available space,
zero dispersion of material during the discharging*

FLOWRATE: *8 tons/h*

MATERIAL: *talc, PVC resin, calcium carbonate*

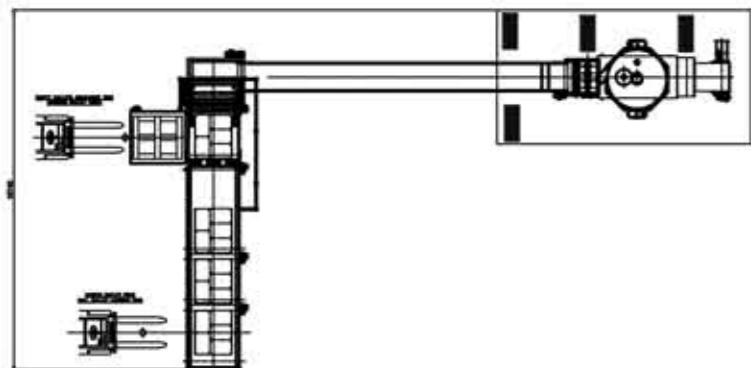
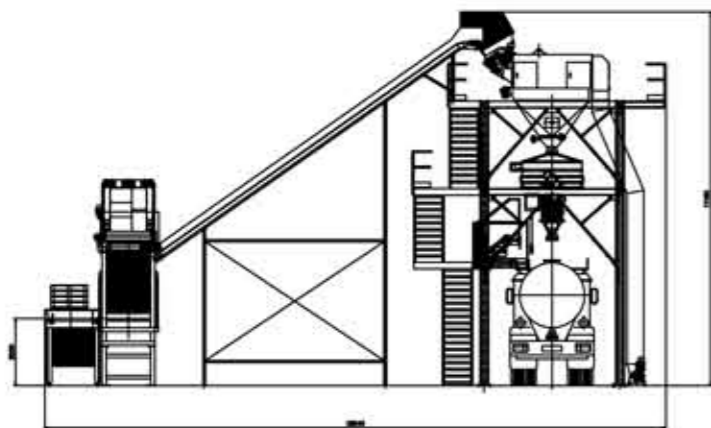
KIND OF BAG: *paper*

MATERIAL SUPPLIED: *free bag*

EQUIPMENT: *SVR 600 with elevator and filter*

Case Study

Case Study 1



TECHNICAL NOTES

SCOPE OF SUPPLY: *filling truck by gravity*

CUSTOMER'S NEED: *any empty bag residual after the discharge, saving labor cost, low maintenance*

FLOWRATE: *20 tons/h*

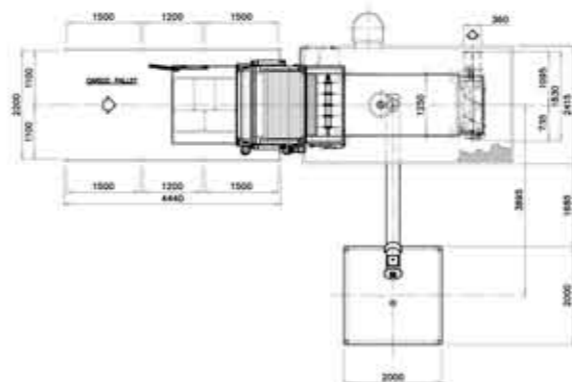
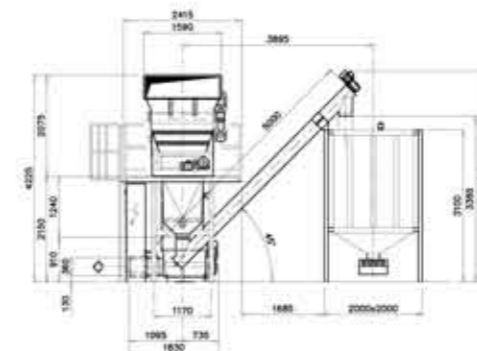
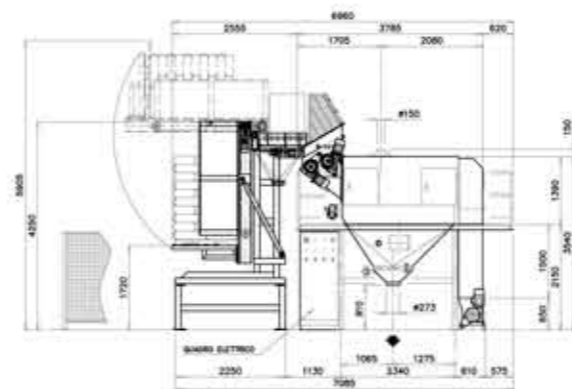
MATERIAL: *resin PVC*

KIND OF BAG: *plastic, paper*

MATERIAL SUPPLIED: *on pallet*

EQUIPMENT: *SVR 1000 with depalletizer and accessories to discharge by gravity*

Case Study 2



TECHNICAL NOTES

SCOPE OF SUPPLY: *filling trevira silo by bag emptying machine with screw conveyor*

FLOWRATE: *10 tons/h*

MATERIAL: *PP, PE, HPDE, LDPE*

KIND OF BAG: *plastic, paper*

MATERIAL SUPPLIED: *on pallet*

EQUIPMENT: *SVR 600 with depalletizer, trevira silo, screw conveyor accessories for pneumatic conveying*



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