

IMS GROUP USA

BAG-EMPTYING MACHINE CATALOG

BAG-EMPTYING MACHINE CATALOG

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BAG-EMPTYING MACHINES

SVR CAPACITY

MODEL	PALLET / HOUR		BAGS / HOUR	
	GRANULES	POWDER	GRANULES	POWDER
SVR 150 NT			150	N.D.
SVR 300 NT			300	150
SVR 300 NT SHORT			300	150
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.	-	-

PALLETS / BAGS

PALLET TYPES

TYPE 1



TYPE 2



TYPE 3



TYPE 4



TYPE 5



TYPE 6



TYPE 7



TYPE 8



BAG TYPES

SIZE: 5 - 75 Kg
STANDARD SIZE: 25 kg, 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 1,300 x 1,100 mm.

BAG-EMPTYING MACHINES

BAGS

PLASTIC



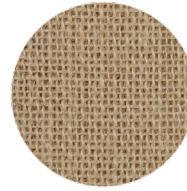
COATED PLASTIC



PAPER



JUTE



RAFFIA



EXAMPLES OF HANDLED PRODUCTS

PLASTIC / RUBBER

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

CHEMICAL PRODUCTS

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

FOOD PRODUCTS



Coffee beans



Sugar



Corn



Tea



Coffee powder



Powdered milk



Cloves



Sunflower



Cocoa beans



Cocoa powder



Pet food



Flour

SVR DEPA

SVR DEPA

SVR DEPA has obtained considerable appreciation on the market for its extreme reliability and versatility.

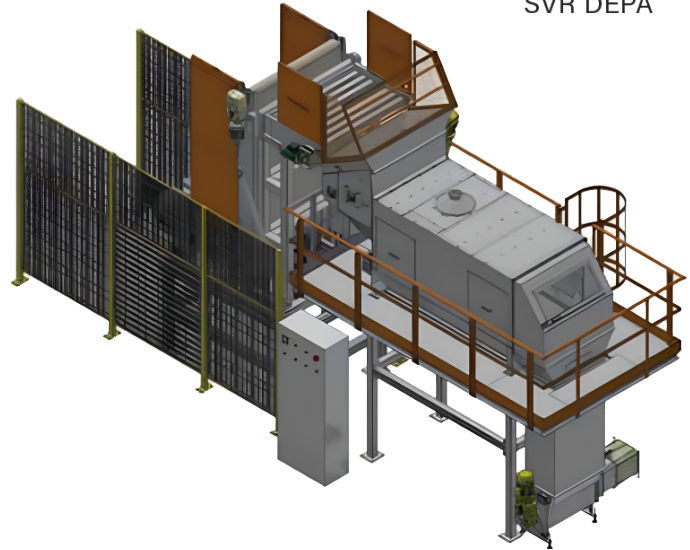
This model, capable of handling any type of bag and material with the same efficiency, ensures a safe response to the most varied market demands.

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 integration with 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: 1800 mm x 1500 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

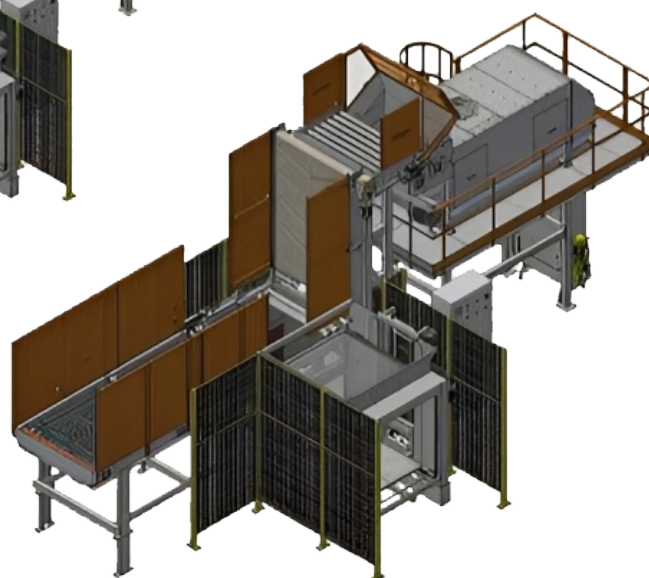
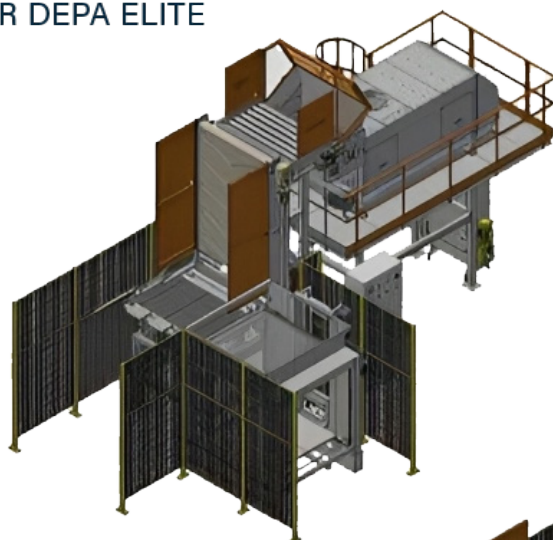
- Press for empty bags
- Hydraulic Press
- Pneumatic Conveyor
- Rotary Valve
- Filter
- Winnowing
- Sieve
- Profinet Module
- Profibus Module
- High Temperature Kit

COMPLIANCE



BAG EMPTYING MACHINE CATALOG - SVR DEPA

SVR DEPA ELITE

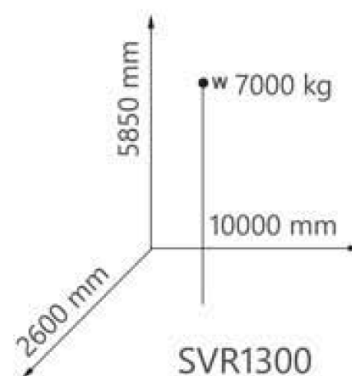
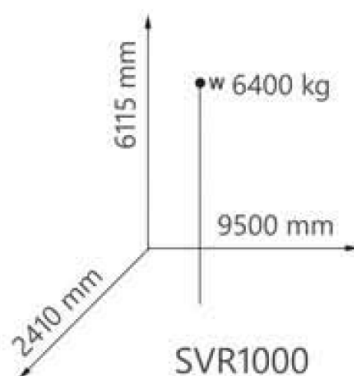
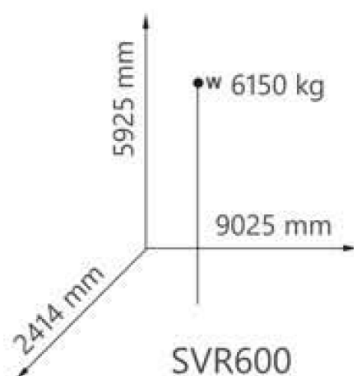


SVR DEPA DELUXE

DIMENSIONS AND WEIGHT **

Referred to SVR DEPA model with CP, for other versions please contact IMS

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



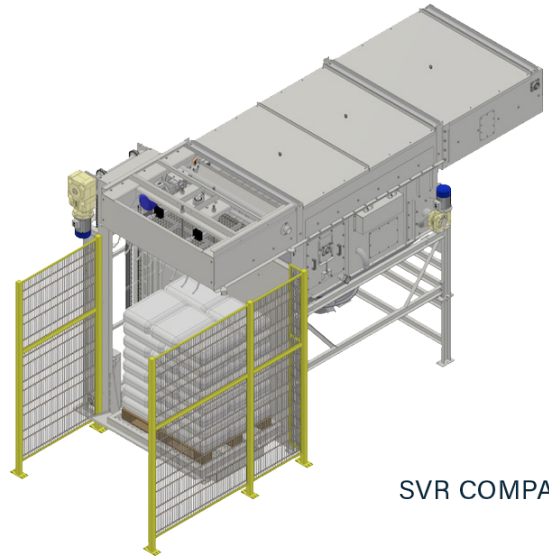
SVR COMPACT

The automatic bag-emptying machine SVR Compact 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.



SVR COMPACT

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

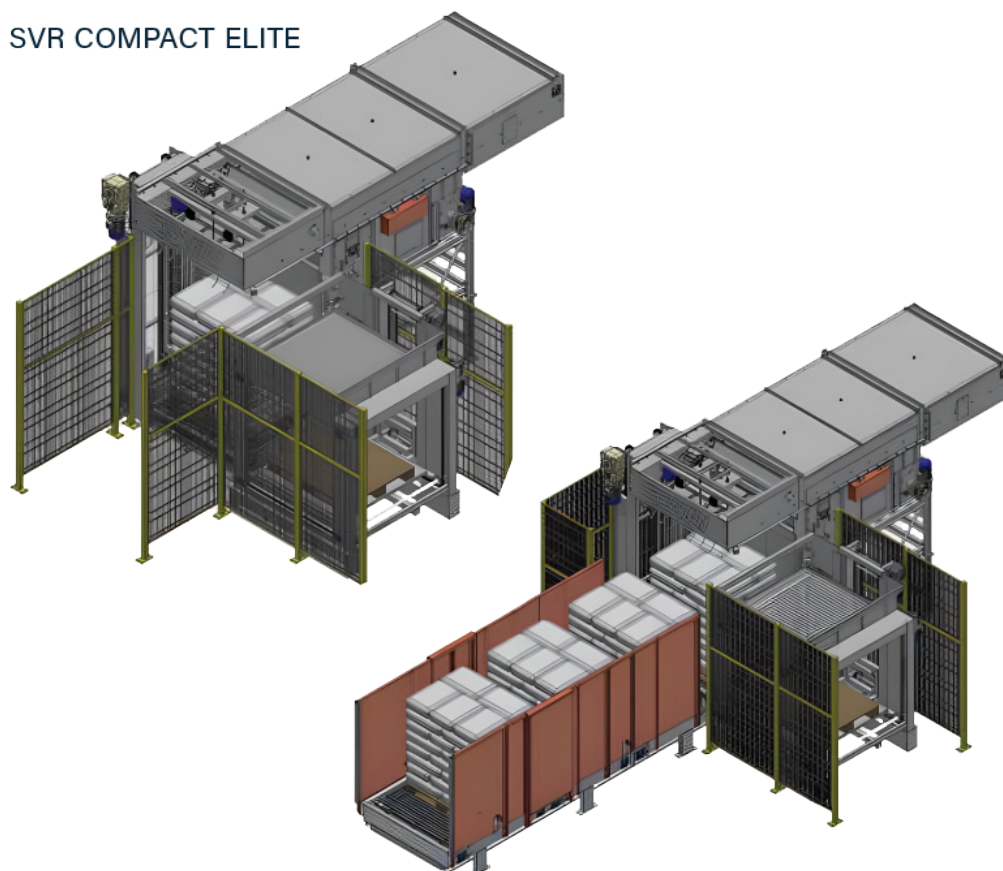
- Press for empty bags
- Hydraulic Press
- Pneumatic Conveyor
- Rotary Valve
- Winnower
- Profinet Module
- Profibus Module
- High Temperature Kit

COMPLIANCE



BAG EMPTYING MACHINE CATALOG - SVR COMPACT

SVR COMPACT ELITE

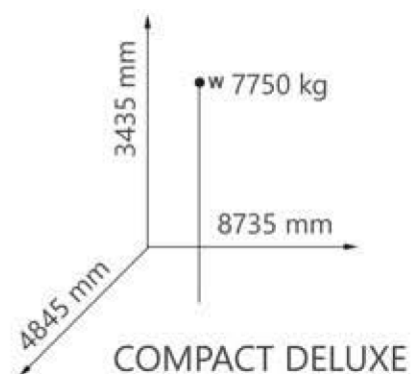
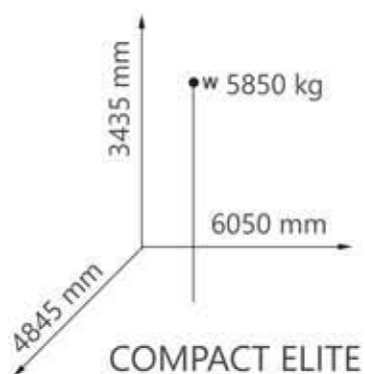
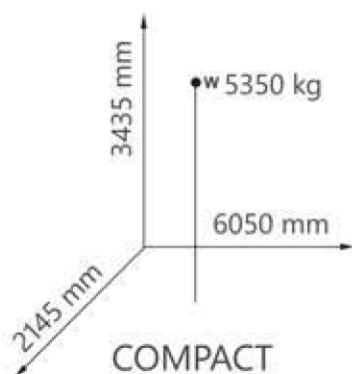


SVR COMPACT DELUXE

DIMENSIONS AND WEIGHT **

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

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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 C1935/2004 versions, as well as special versions according to the type of project.



APPLICATION

- **BAGS:** any
- **SIZE:** 25 kg, 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

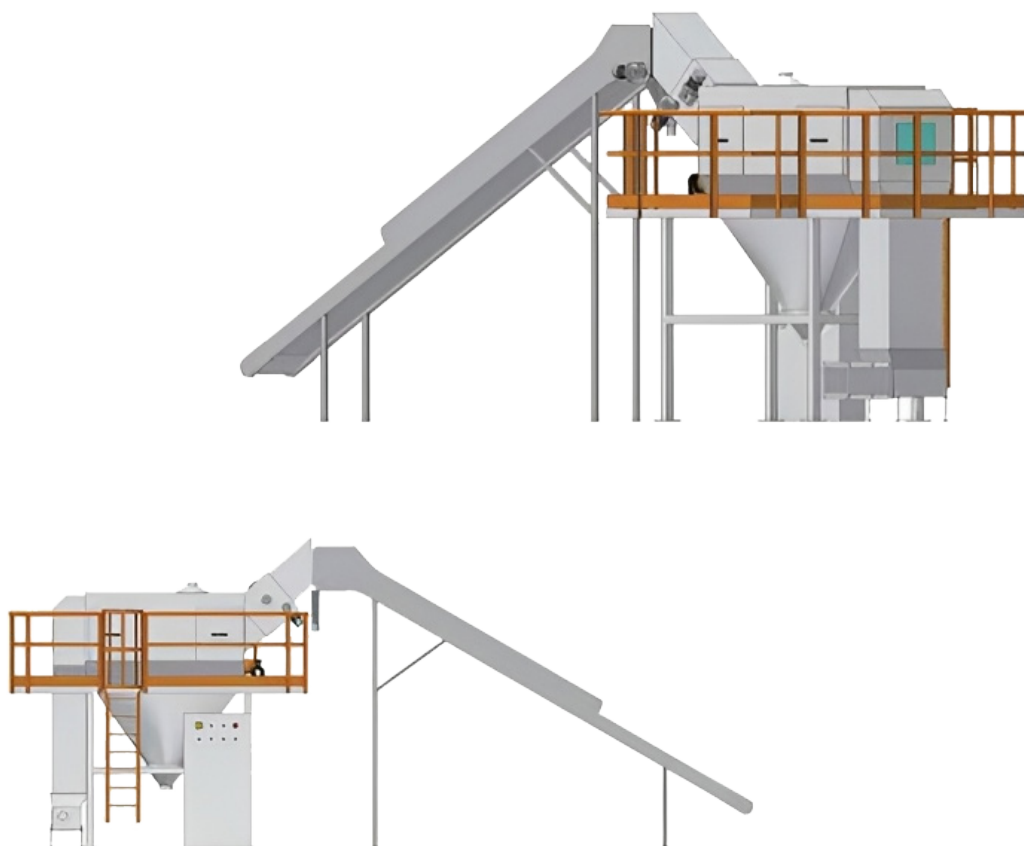
ACCESSORIES

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

COMPLIANCE



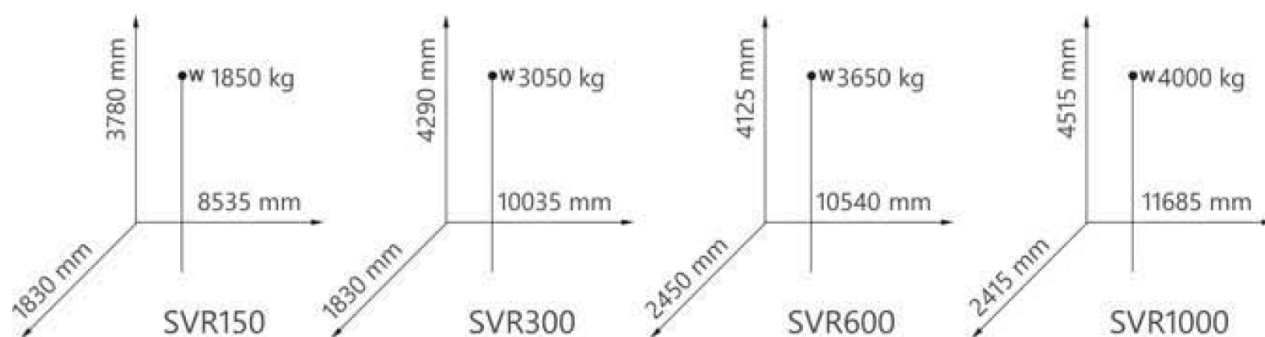
BAG EMPTYING MACHINE CATALOG - SVR NT



DIMENSIONS AND WEIGHT **

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

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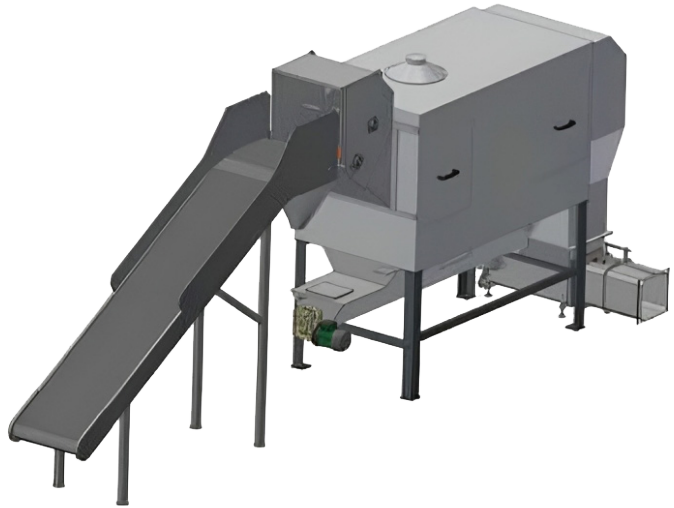
SVR NT SHORT

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 kg, 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

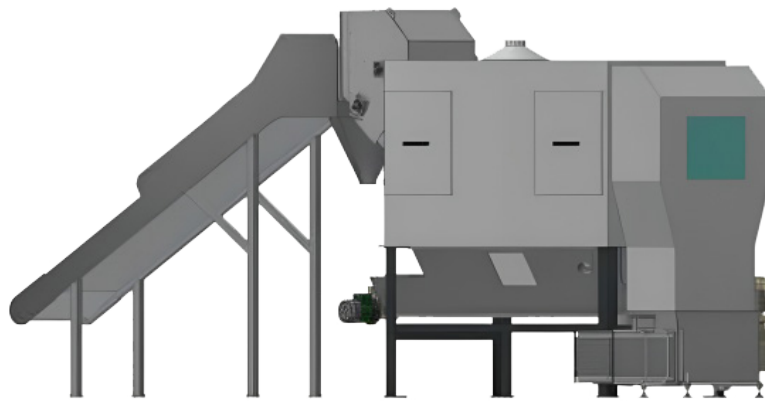
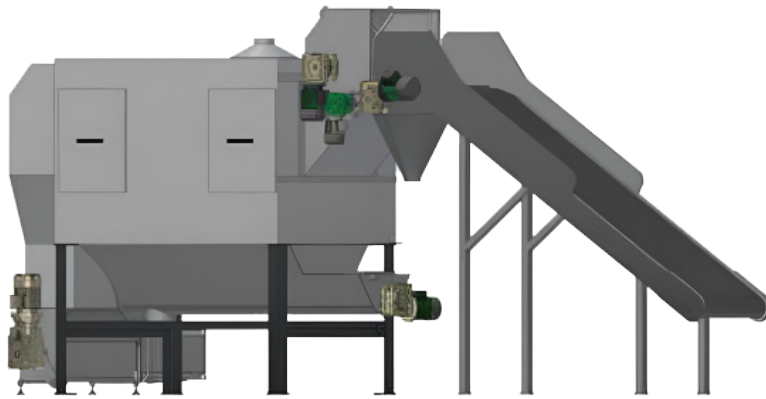
ACCESSORIES

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

COMPLIANCE



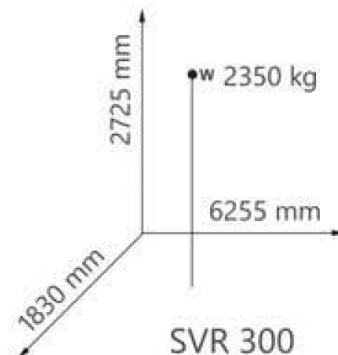
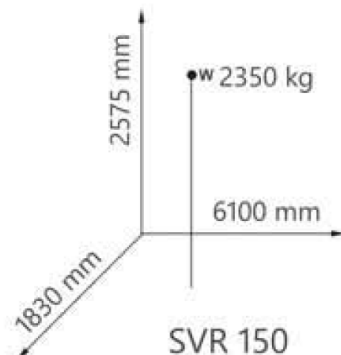
BAG EMPTYING MACHINE CATALOG - SVR NT SHORT



DIMENSIONS AND WEIGHT **

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

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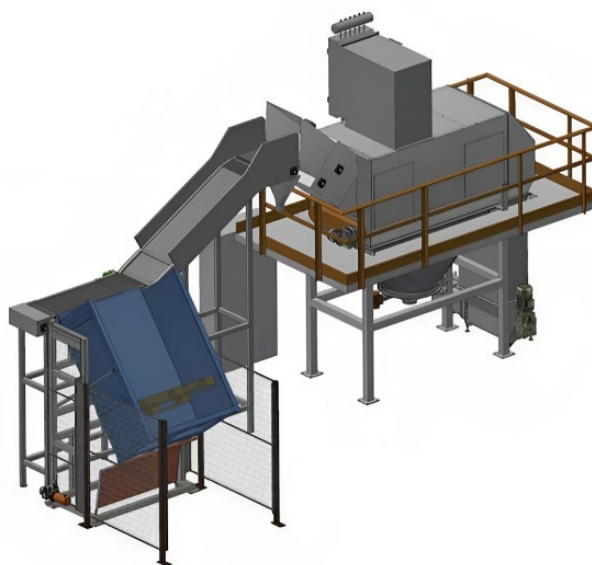
SVR NT LT

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 kg, 10 kg, 15 kg, 20 kg, 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

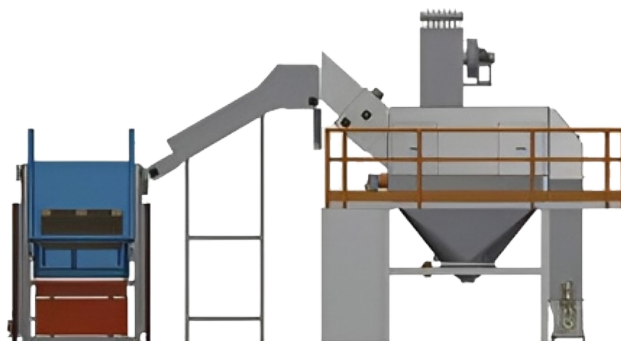
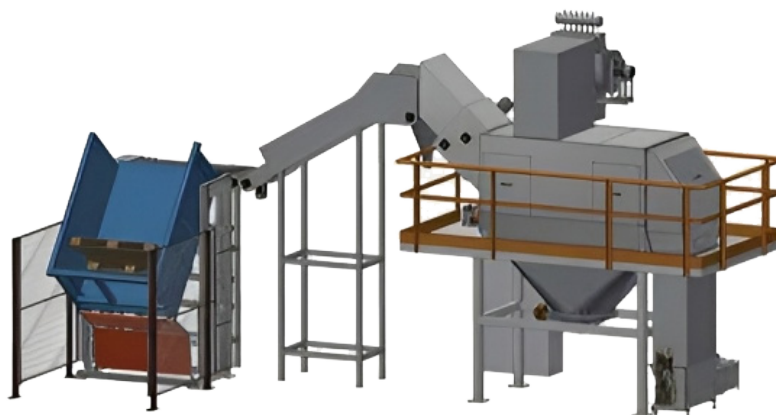
ACCESSORIES

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

COMPLIANCE



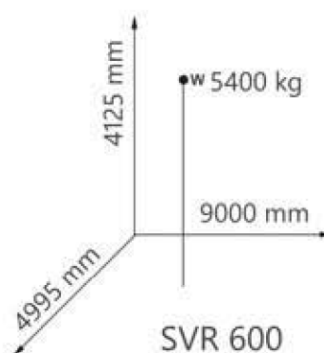
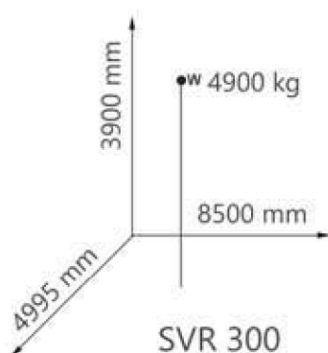
BAG EMPTYING MACHINE CATALOG - SVR NT LT



DIMENSIONS AND WEIGHT **

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

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



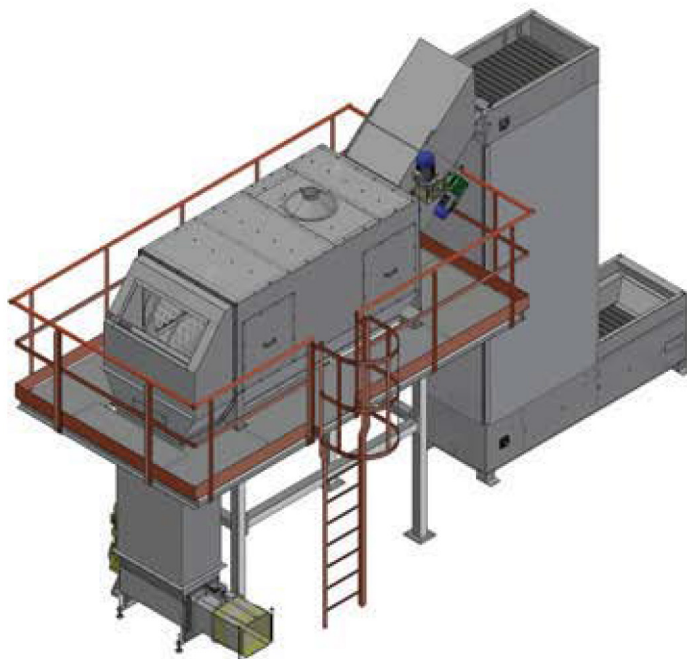
SVR EL

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 kg, 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

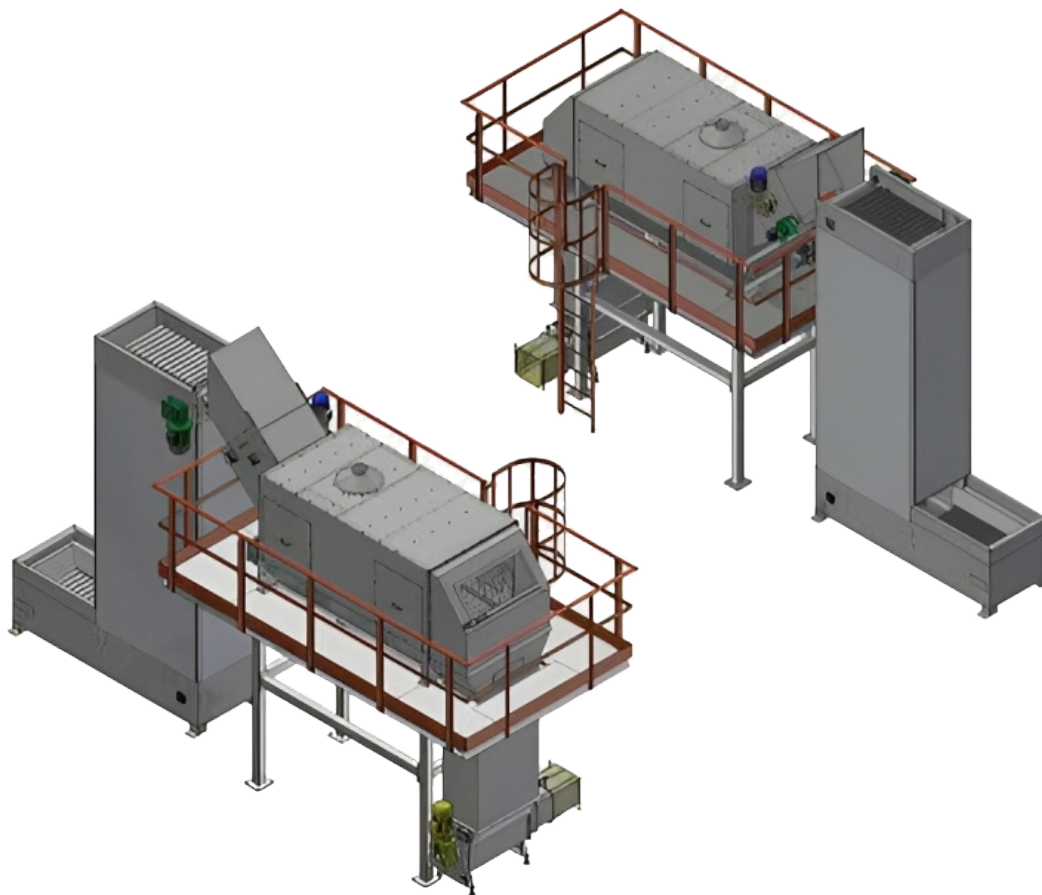
ACCESSORIES

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

COMPLIANCE



BAG EMPTYING MACHINE CATALOG - SVR EL



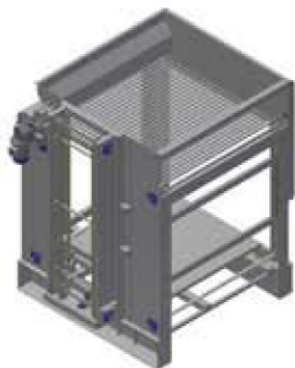
DIMENSIONS AND WEIGHT

Dimensions are not available, as this is a fully customised machine depending on the project
For more information, please contact IMS

ACCESSORIES

Empty Pallet Magazine

Used to cut the loading time of the SVR in half: 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



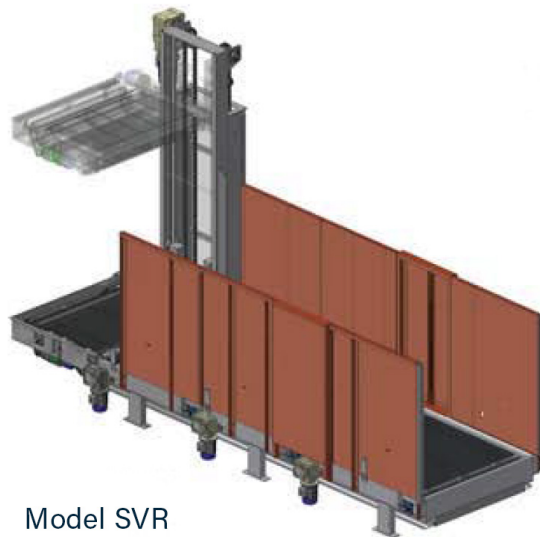
Model 2.0

Full Pallet Magazine

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



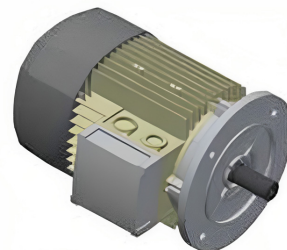
Model SVR DEPA
COMPACT



Model SVR
COMPACT

Motor

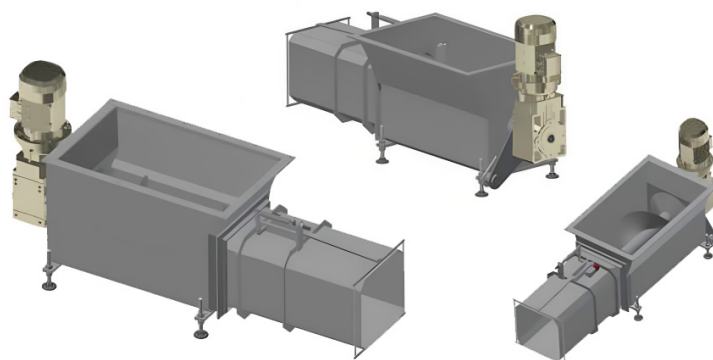
The bag-emptying machine can be supplied with motors for temperatures up to 45°C



ACCESSORIES

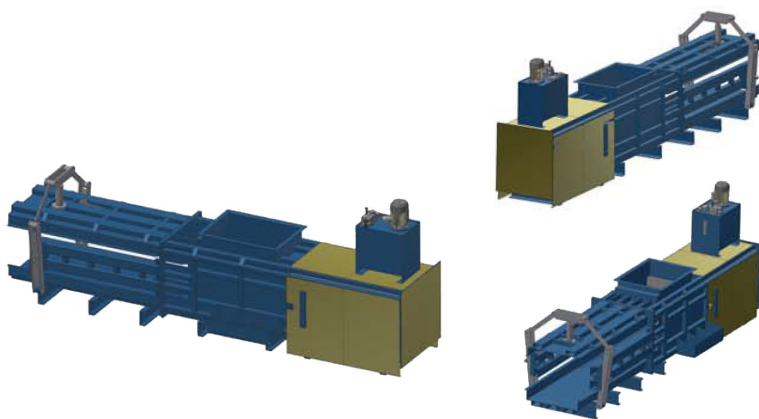
CP Press

Suitable to collect the emptied bags in a plastic tube, up to 60 bags per meter



Hydraulic Press

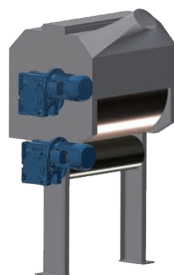
Forms bales whose dimensions are preset by the user according to a compression factor of 800/1000 empty bags per meter



Lifting Table



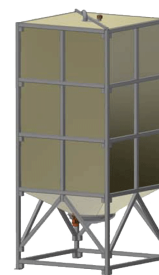
Bag Cleaner



Pneumatic Conveyor



Eurosack



ACCESSORIES

Pneumatic conveyor + load to silos integrated handling



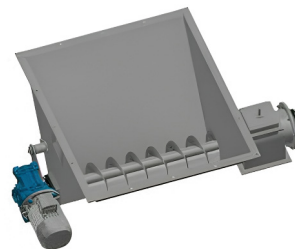
Compressor



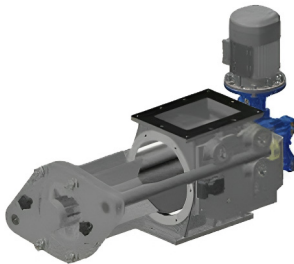
**Rotary valve
DTS/DTP**



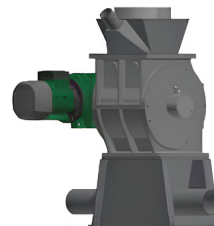
**Rotary valve
VSD**



Quick cleaning rotary valve



Hopper screw feeder





Your partner in packaging automation



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