

VSP



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VALVE BAGGING SYSTEMS ●●●

CHRONO-FILL™ VSP



CHRONOS
RICHARDSON



BAGGING

VALVE BAGGING SYSTEMS

VSP

CHRONO-FILL™ VSP is an auger packer for efficient filling of valve bags. Its basic components are the infeed screw, impeller and packing device to fill valve bags with flours, powders or fine bruised materials.

Sturdy steel construction and enclosed design. Lateral removable covers. As a single system the VSP auger packer offers a production rate of up to

300 bags per hour. Depending on the given capacity requirements the auger packer also be incorporated into multiple arrangements. The bagging system is supplied with our own net weigher. In case of dual stations only a single weigher with diverter device is necessary.

FUNCTIONALITY

The bag is placed manually on the filling spout with a pneumatically actuated bag clamp. Systems with automatic bag placer are also available. Two bag spouts with an automatic bag attacher can be operated. The filling material is weighed by a net weigher. When the target weight has been reached the entire weighed material is discharged through a connecting hopper. A screw conveyer advances the bulk material into the valve bag for compact filling since the bulk material has been compacted by the screw conveyer which already has expressed excess air.

Moreover, the integrated packing device compacts the bulk material in the bag by packing strokes during the filling process. Height adjustable passing platform for different bag lengths. After the filling process has been completed the bag is ejected 'head first' on the transport belt.

Various filling spouts for valve diameters from 140 to 160 mm.

APPLICATIONS

The VSP auger packer is ideal for bagging of feed, food, meals and other bulky materials.



FEATURES AND BENEFITS

- Rigid and compact design
- Integrated screw conveyer for viscous bulk materials
- The inaugurated electrical and pneumatic equipment keeps installation work to an absolute minimum
- Ideal for bagging mealy bulk materials
- Bagging capacity up to 300 bags per hour.
- Single or multiple arrangement
- Integrated packing device for bulk material compacting while filling

- Height adjustable passing platform
- Filling spouts for valve diameters of 140 up to 160 mm
- Optimum net weighing accuracy

Options

- Multiple arrangement
- Automatic bag placing

TECHNICAL DATA

Bag types	all commercial valve bags with self-sealing internal or external valve
Bag material	paper, multi-layer paper, multi-layer, with PE liner or PE coating PE, PP tape-fabric bags, PP tape-fabric bags with paper, multi-layer, with PE liner or PE coating
Valve dimension	from 140 to 160 mm
Bag dimensions	width: 400 – 560 mm length: 500 – 900 mm
Filling range	10 to 50 kg per bag
Weighing technology	net weighing
Bagging capacity	up to 300 bags per hour
Power consumption	7.3 kW
Power supply	3 AC / 400 V – 50 Hz
Protection class	IP 55
Compressed-air consumption	10 NI/min
Operating pressure	6 bar
Operating temperature	+5°C to +35°C
Noise level	75 db (A)



Machine without covers



Drives



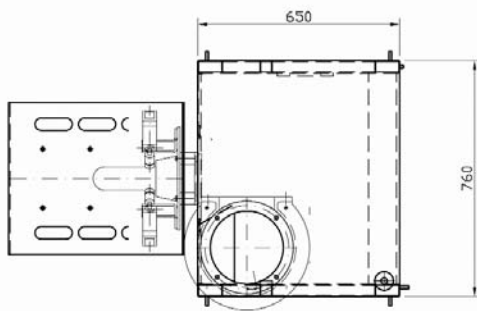
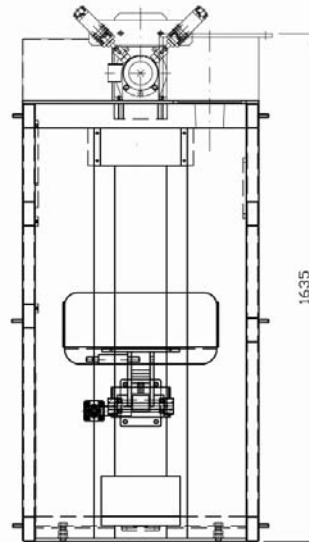
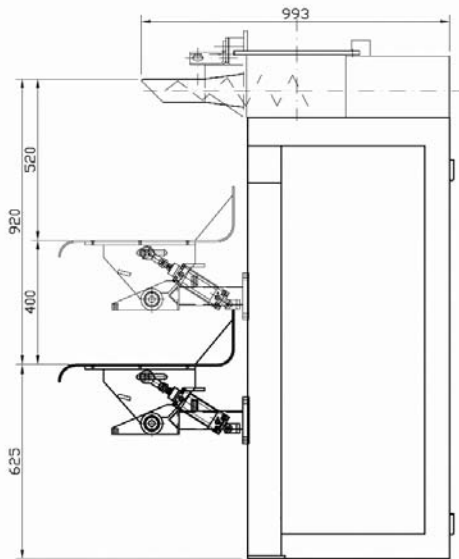
Bag spout



Turbine infeed

TYPICAL LAYOUT

VSP



With net weigher

WORLDWIDE PRESENCE

Rivière-du-Loup, CANADA • Brea, USA • Hennef, GERMANY

Viry-Châtillon, FRANCE • Nottingham, UNITED KINGDOM
Parma, ITALY • Bangkok, THAILAND • New Delhi, INDIA

For nearly 125 years now, **Chronos Richardson Systems** has made its mark on the European and Asian markets thanks to its innovative packaging and processing solutions and approach to complete integrated system projects tailored to customers' individual needs. Armed with its experience, the inventor of the first automatic weigher is now recognized as a specialist in weighing, batching, bagging and palletising for the food, feed, chemicals, plastics, fertilizer, milling and cement industries.

Chronos Richardson Systems is part of the Industrial Equipment Group of Premier Tech, one of the largest players in the field of industrial flexible packaging worldwide.

Find your solution with Chronos Richardson Systems.



Chronos Richardson Systems GmbH, GERMANY

☎ +49 (0) 2242 9335 0

☎ +49 (0) 2242 9335 186

@ info@chronosrichardson.com

www.chronosrichardson.com

Chronos Richardson Ltd., UNITED KINGDOM

☎ +44 (0) 115 935 1351

☎ +44 (0) 115 960 6941



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