



CHRONOS • VPV Series

Vacuum Valve Bag Filler



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UP TO 3 BAGS/MINUTE (100/HOUR)*

*Per filling spout, depending on bulk material, bag dimension, and valve width.

Accurate

The valve packer's vacuum chamber, combined with the advanced gross and fine filling mechanism, draw the product into the bag at uniform rates, providing excellent filling accuracy.

Clean and Safe

The integrated aspiration system and dust sensor efficiently remove dust during filling, ensuring clean and safe operation.

Efficient

A robot can handle both empty and filled bags, and the equipment layout allows for easy cleaning and maintenance access.



The Vacuum packer produces tightly filled bags and reduces their overall thickness, allowing for stacking more bags on pallets. As a result, it leads to significant cost savings in transport and storage.

Bulk Materials



Fine powders

Industries

Efficient handling of diverse products in the chemical, and mineral sectors, including fine graphite, fluffy carbon black, fumed silica and alumina, and pigment.

Bag type



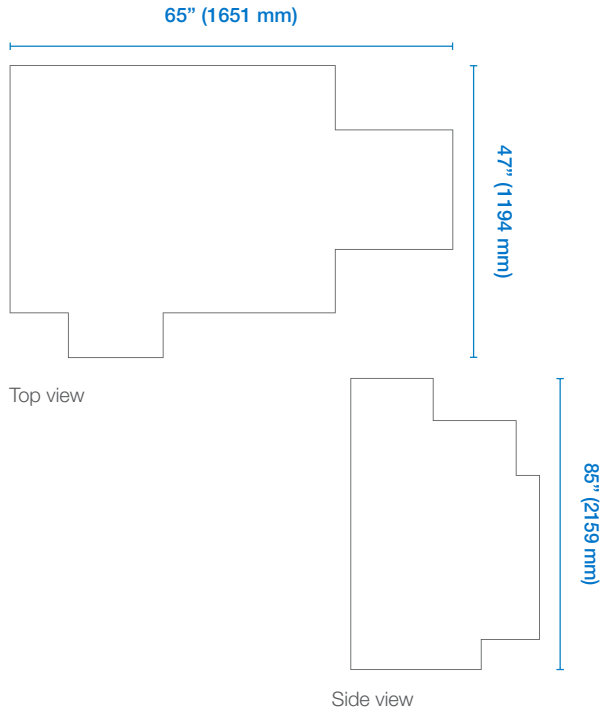
Valve

Bag Materials

Multi-wall paper

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Typical Equipment Dimensions



Valve sizes

3.5" to 8" (90 to 203 mm)

Empty bag dimensions

Width: up to 24" (610 mm)

Length: up to 36" (914 mm)

Height: 3.5" to 10" (90 to 254 mm)

Filled bag weight

5 to 50 lb (2 to 22 kg)

Product bulk density

1 to 25 lb/ft³ (0.01 to 0.5 kg/l)

Electrical requirements

North America: 120 V / 1 Ph / 60 Hz

Europe: 400 V / 3 Ph / 50 Hz

Ambient temperature

40 °F to 95 °F (5 °C to 35 °C)



Features

Excellent filling accuracy with SpeedAC NXT weight controller

Gentle product filling with no moving parts, ensuring no shearing or degradation

Capable of compacting bags up to 700%

Integrated aspiration system and dust sensor for efficient dust removal

Easy access at the operator level, ensuring convenient cleaning, adjustment, and maintenance

Compact layout to optimize floor space usage

ATEX-proofed execution for enhanced safety in hazardous environments

C.S.A./U.L. or CE approved electrical components

Options

Optimized layout for larger bags

Vacuum pump and filter tank

Mechanical bag placer

Robotic handling of empty and filled bags

Ultrasonic sealer for enhanced cleanliness

Label applicator

Checkweigher

Exit conveyor for additional automation



Lifetime

Client Solutions

Premier Tech Client Solutions take a personalized approach to **lifecycle management**, creating enhanced solutions customized to your specific needs that develop your own capabilities and operational habits, and help you achieve and maintain productivity.

The Client Solutions' passionate team acts as a **partner** by maintaining constant collaboration and putting your interests at the heart of daily decisions throughout your equipment's lifecycle.

Our programs are designed to help you reach your highest **Overall Equipment Effectiveness (OEE)** and maximize your **Return on Investment (ROI)** by providing you with the most valuable lifecycle services in the industry focusing on critical areas such as **24/7 technical support, spare parts, field service, training, system assessments and optimization.**



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