

FVC-1 Vacuum Conveyor

Many processes involve staff lifting heavy bags or drums of powder or granules into equipment. This exposes them to physical injury through incorrect lifting techniques or just plain lifting things that are too heavy. One of the easiest ways to mitigate this risk is to use vacuum conveying to lift the powder or granules up into the equipment.

The FVC-1 Vacuum Conveyor from Filquip is a mobile system that can be moved between work and storage areas to safely and easily transfer product from bags or containers to hoppers or bagging stations at different heights. The height of the discharge can be adjusted to suit different equipment.

Manufactured from polished stainless steel and supplied with food grade suction hose, the FVC-1 is an economical solution for safe manual handling in food, pharmaceutical and industrial applications.

Capable of transferring up to 800L/hr of product, the FVC-1 can handle most small factory needs. If a higher transfer rate is required, please ask us about the bigger brothers of the FVC-1.

The unit comes complete with an in-built dust collector with automated reverse pulse cleaning. Food grade units are supplied with a bank of washable stainless steel filters as shown. Industrial versions are supplied with washable PE filter cartridges.

Control is via a simple control panel with configurable suction and discharge times.

Equipment Data:

Material of Construction: Polished 304 grade stainless steel
Nominal Throughput: 800L/Hr
Suction Hose: 2m Food Grade with 1m stainless steel suction wand.
Discharge Height: 1 – 2m
1.5kW Suction Pump.

Requirements:

Standard 10A 240V Single Phase power supply
Clean compressed air supply to 6bar



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Specialists in material handling equipment for powders and granules