

## Solidsvac Dry Vacuum Unit (SV-DVU)



The SV-DVU was specially engineered in response to the global demand for a robust, reliable solution for recovering and transferring dry materials safely and efficiently. Many industries have found traditional manual handling methods prone to spillage, dust exposure, and labor inefficiencies. The SV-DVU was born from listening to our clients, who needed a powerful, easy-to-use system capable of recovering dry solids from the ground or

seamlessly transferring them between locations with minimal risk and maximum productivity.

The Solidvac Dry Vacuum Unit (SV-DVU) sets a new standard for dry material recovery. Designed for high-performance dust and solids extraction, SV-DVU boasts advanced separation technology that expertly captures dust and solid particles from the vacuum airstream, ensuring only clean air escapes the unit. Its gravity-fed automatic discharge system directs collected material into a drum, bin, or any desired container, streamlining your operations and cutting down on manual handling.

A highlight of the SV-DVU is its integrated reverse-pulse dust filter. This high-efficiency filtration system actively removes dangerous dust particles that could endanger workers or contaminate your facility. The reverse pulse function automatically cleans the filter into the



hopper, eliminating frequent stopping for cleaning and significantly extending productive uptime.

Efficiency and safety are at the core of our design. The SV-DVU's sharply angled hopper and large 305mm wafer valve ensure a rapid, unobstructed material flow straight into your chosen collection vessel. This innovative configuration not only boosts output rates but also greatly reduces the possibility of clogging or material build-up.

Versatility is paramount—the SV-DVU comes with multiple mounting and configuration options. Whether you need to secure it to a belt structure, suspend it overhead, or use it freestanding with adjustable legs, the SV-DVU adapts to your site's unique logistics. It operates reliably with a simple 1" NB air supply at 150 cfm for fully automatic pulse cleaning and gravity discharge—install, set, and let it run.

For unmatched convenience, the SV-DVU model depicted features telescopic legs to fit over both drums and pallets. For high-bulk applications, four reinforced lifting lugs allow you to suspend the unit over an 800-liter bag, automatically discharging multiple loads to minimize intervention and maximize productivity. Every element is engineered for seamless integration, easy operation, and outstanding performance.

How it works: Simply connect the SV-DVU to your SV-Vacpack via a clear, heavy-duty 4" suction hose. The Vacpack delivers powerful, clean vacuum suction, efficiently drawing materials through a 3" or 4" suction inlet into the DVU hopper. Intelligent pneumatic timers precisely control the fully automatic dump valve, synchronizing material discharge based on your desired intervals—ensuring your workflow is smooth, dust-free, and continuously productive.

Choose the SV-DVU for game-changing, turnkey dry material recovery and see dramatic increases in safety, efficiency, and operational uptime. Discover why industry leaders trust Solidvac as their partner for clean, efficient dry material handling.