

**The Sweeper™ automatically unloads material from bulk boxes or resin without human intervention.**

***NEW! Dual Sweeper automatically switches from empty container to full adjacent container – without interrupting flow of material.***

The Sweeper gets its name from the fact that it continuously “sweeps” the top level of plastic pellets to a slotted pickup tube that vacuums the pellets up through a flexible suction hose to the destination. The whole lower section descends and rotates in a way that forces the pickup tube to vacuum up the material without interruption, including the material that is swept into the corners of the container. Ultimately, less than 10 lbs. of pellets remain.

The Dual Sweeper automatically switches to a full adjacent container, eliminating downtime for changeover.

- **Automatic Material Removal**

The sweeper’s rotating action moves resin to a slotted pickup tube to be vacuumed out of the container to the destination.

- **Reduces Labor**

No one has to manually move the pickup tube because resin is constantly moved to the vacuum point.

- **Reduces Waste**

Effective material removal keeps resin from being thrown away.

- **Small Footprint**

Footprint is slightly more than the bulk container being unloaded.

- **Safer Than A Tilt Table**

The sweeper has no heavy-duty hydraulics or pneumatics with pinch points – low torque and rotation speed provide inherent safety – no guards required.

- **Easy Placement of Resin Containers**

A pallet jack can move the container into position. (up to 48” or 84” vertical clearance).

- **Lower Installation and Operation Costs**

The Sweeper requires no compressed air and operates on 115 V electricity, drawing less than 2 amps.

- **Signal Lights**

Lights indicate when the unit is “ON” and when it is rotating.



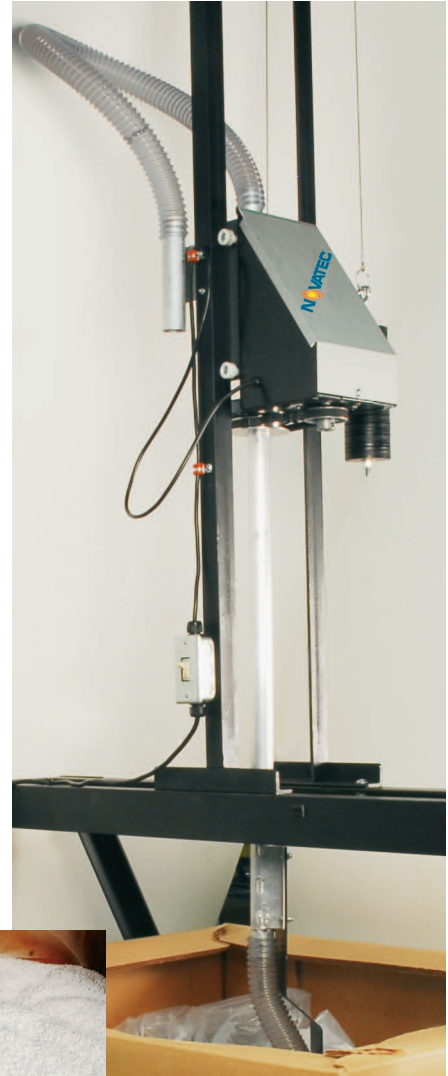
Model SW-4815



Dual Sweeper

## How It Works

- A sturdy structural steel stand straddles the bulk box allowing easy front access.
- A set of vertical “rails” carry a “trolley” up and down above the container.
- The trolley carries a fixed, standard 1.5”, 2” or 2.5” aluminum material conveying tube, and is coupled to a second tube below, that rotates.
- The lower rotating tube is driven by a gear motor, on demand, at about 1 RPM.
- A 3 foot, flexible vacuum hose has a short slotted pick up tube at the end to effectively vacuum up the pellets and transport them to the destination.
- Pellets in the center are “swept” to the outside by a cross member, that serves as the “sweeper”.
- As the vertical tube rotates, the flexible portion is dragged across the top of the pellets, in a swept back trailing manner, reaching into each corner and repeatedly vacuuming pellets from the sides and corners.
- A counter balanced spring-loaded cable prevents the weight of the trolley from becoming buried in the resin.



Model Number	Vertical Clearance	Tube Diameter
SW-4815	48"	1.5"
SW-4820	48"	2"
SW-4825	48"	2.5"
SW-8415	84"	1.5"
SW-8420	84"	2"
SW-8425	84"	2.5"



**Options:** Show options as separate line item on order. See Price list #491

**Stainless Steel Brush Assembly** (in lieu of standard): Part # OPSW-001

**Accessories:** Show accessories as separate line item on order.  
Shipped separately. See Price list #491

**Cover for Gaylord:** Part#: GLC-4848

**Interconnected Controls for Dual Sweepers:** Part# OPSW-002

Combine Sweeper with GVL or VL series loaders or a central vacuum source with a SW-4825 for a complete gaylord unloading package.