



## SWEeper SYSTEMS

**The Sweeper system automatically unloads material from bulk boxes.**

It sweeps the top level of polymer to a slotted pickup tube that vacuums pellets via a flexible suction hose. Its descending and rotational motion maintains uninterrupted action. This includes material swept into the container's corners - less than 4kgs of material remains in the container.

### Operation

- Steel stand straddles bulk box for easy access
- Vertical rails lift trolley up and down bulk box
- Trolley holds 38, 50 or 63mm aluminum material conveying tube, coupled to a lower rotating tube
- 1RPM gear motor drives lower tube
- 1m flexible vacuum hose with short slotted pick up tube sucks up pellets
- Cross member sweeps central pellets to the outside
- As vertical tube rotates, the flexible portion trails across the top of the pellets and into the corners
- A counter balanced spring-loaded cable prevents the trolley becoming buried in material



**Dual Sweeper**

### Features & Benefits

#### Reduced Labour

- Vacuum sensor ensures rotation only during material conveying - manual operation possible via the 'Jog' feature
- Material constantly moved to the vacuum point eliminating human intervention

#### Reduced Waste

- Effective material removal ensures no wastage

#### Reduced Costs

- Economical footprint  
- slightly larger than the bulk container

#### Safe

- Low torque and rotation speed provide inherent safety - guards are not required
- **Low Energy**
- 230V supply, <2A

#### Easy to Use

- Lights indicate when "ON" and when rotating, vacuum detected
- All vacuum conveying methods can be used (single phase, three phase or central)
- Pallet truck / forklift access positions the container  
- vertical clearance to 1220mm

#### Save Time

- Two Sweepers can be linked together using the "Dual" option for continuous supply of material
- The Dual Sweeper automatically switches from the empty container to the full container



**Material Handling**

Technical Data

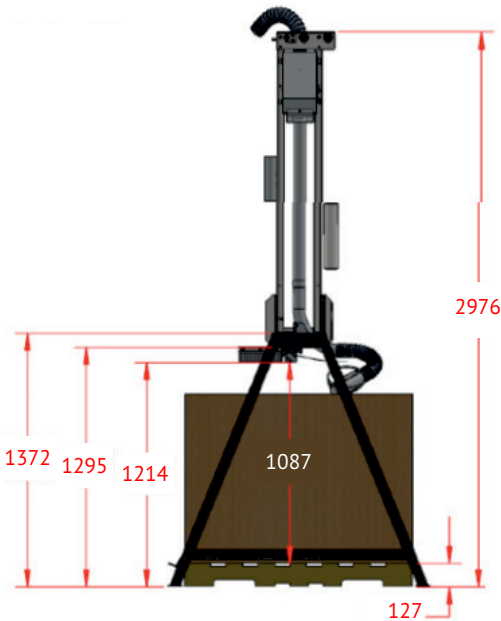
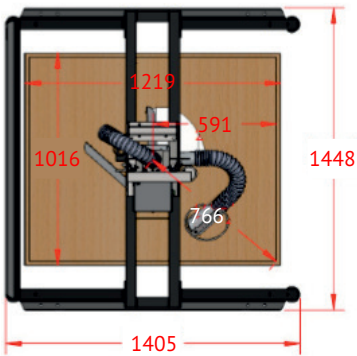
Model Number	Vertical Clearance	Tube Diameter
SW-4820	1220mm	50mm
SW-8415	2133mm	38mm
SW-8425	2133mm	63mm



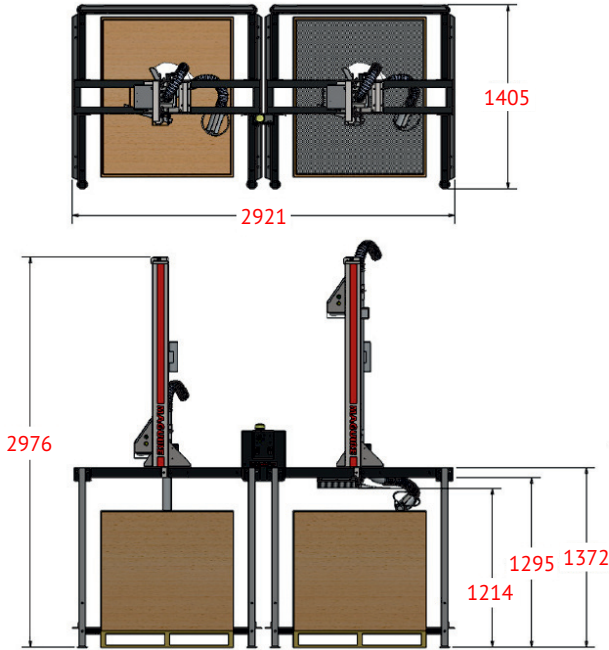
Vacuum pick up

Dimensions (mm)

SW 48



Dual



SW 84

