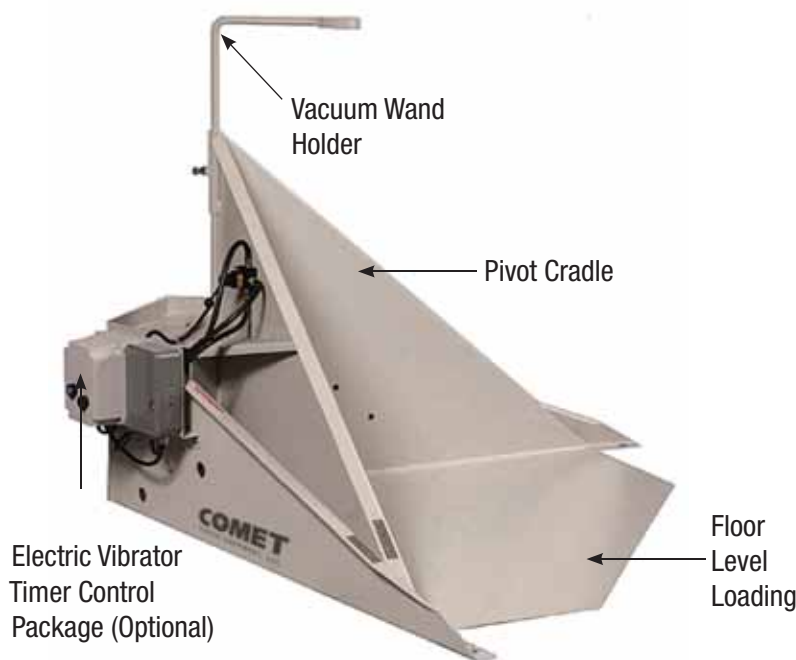


Floor Level Tilt Table

Automatically tilts up to 2,500 lbs. with little or no assistance from the operator.

Comet's floor level Tilt Tables reduce manual labor and operating costs associated with vacuuming material from gaylords, drums and other containers. The automatic tilting action directs the material towards the vacuum wand resulting in uninterrupted flow of material to injection molding or extruder machines.

Containers are loaded into the pivot cradle of the tilt table at floor level using a pallet jack, hand truck, or fork truck. Containers will automatically begin tilting when the gaylord reaches approximately 900 pounds. As the gaylord container is being emptied, the tilt table is gradually tilted up to a maximum of 45 degrees; all material is then directed into one corner ensuring complete product removal with minimal operator involvement.



Pivot Cradle, Framework, Load Design, and Pneumatics:

Pivot Cradle: the standard pivot cradle is designed to accommodate containers up to 52 inches square by approximately 60 inches tall. The tilt table pivot cradle can be modified to accept other sizes.

Framework: the main framework includes all necessary mounting brackets for standard and optional devices. It is constructed of formed 7-gauge steel. An adjustable vacuum pick-up wand holder, with a 3½ inch I.D, is included, providing 12 inches of adjustment to accommodate various container heights. The tilt table comes factory preset at 43 PSI and can be field adjusted according to heavier or lighter set points.

Load Design: A container is loaded at floor level into the tilt table's 44" W x 44" D pivot cradle. Systems can be designed to accept other container sizes.

Pneumatic System: The pneumatic system includes complete pneumatic controls for all devices and a 3-position manual air control valve. The manual control valve is mounted to the system's pivot cradle and includes all necessary filter regulators, lockouts, and components to provide a single-supply connection.

Capacity, Dimensions, Weld, and Finish Specifications:

Capacity: The tilt table is designed to support the full weight of the container up to a maximum of 3,000 pounds. The system has a maximum lifting capacity of 1,500 lbs. which is factory preset at 900 pounds to avoid unintended material spillage.

Dimensions: The system is approximately 71" W x 52" D in the load position and 72" W x 80" D when in the maximum tilt position (see back of this brochure for full dimensional information).

Weld: The tilt table is constructed of welded carbon steel that is ground to remove irregularities.

Finish: The tilt table sandblasted or solvent cleaned, primed, and finished with beige enamel.



Loading Position



Mid Tilting Position



Full Tilt Position

Standard Features

- Automatic or manual tilt action
- Pneumatic activation
- Hand lever controlled
- Flow control adjusts operating speed
- Constructed of formed 7-gauge steel deck
- Adjustable height vacuum wand holder
- 1" pillow block pivot bearings
- Double convoluted industrial air bag
- 45 degree tilt angle

Specifications

- Capacity: Rated at 2500 lbs.
- Base Frame and Tilting Bucket: 7-gauge steel
- Wand Holder: 3/4" dia. steel extension bar with 3.5" I.D. wand holder
- Finish: Painted Metallic Gray
- Tilt Table Actuator: Heavy duty, multi-ply air bag
- Max Air Pressure: 100 PSIG
- Air Consumption: Approx. 2 CFM per cycle at 43 PSI
- Shipping Weight: 450 lbs.

Options

Gaylord Container Cover prevents external debris from falling into the material; **Material Flow Inducer Vibration** generates non-free-flowing material to flow toward the vacuum wand; **Pivot Cradle Safety Stop** pneumatic, designed to prevent the pivot cradle from dropping in the event of a failure (for safety, Comet recommends this option); **Full Tilt Indicator Light** warns when the table reaches its full tilt position; **Stainless Steel Construction**; **CE Certification**; **Larger Pivot Cradle Sizes**; **Dual Pivot Cradle**.

