

Model 29-9XX

Tilt Table



29-950 Floor Loading Container Tilter

The Floor Level Container Tilter reduces the manual labour and operating costs associated with vacuuming material from gaylords, drums and other containers into injection moulding and extrusion equipment. The tilt table automatically directs the material towards the vacuum wand resulting in an uninterrupted flow of material to your injection moulding machine or extruder; thus eliminating the need for operators to continually reposition the wand in the container.

Containers are loaded into the cradle of the tilter using a pallet jack, hand truck or fork truck. When the weight in the container reaches approximately 900 lbs. the bucket of the tilter begins to automatically tilt the container. The automatic tilting operation continues to direct all the material into one corner of the container resulting in complete product removal with minimal operator involvement. During the tilting operation, an optional patented safety stop* keeps your operators free from harm by eliminating the potential for the cradle to unexpectedly lower due to pneumatic system failure.



Load Position



Maximum Tilt Position

Specifications

Capacity and Dimensions: The pneumatic tilt table has a maximum lifting capacity of 2,500 lbs., which is factory preset at 900 pounds to avoid inadvertent material spillage. The footprint of the system is approx. 71" wide x 52" deep in the load position and 72" wide x 80" deep when in the maximum tilt position.

Framework: The system is constructed of formed 7ga steel. The main framework includes all necessary mounting brackets for the standard and optional devices. The pivot carriage includes an adjustable vacuum pick-up wand holder. The holder is designed with a 3-1/2" id and features 12" of adjustment to accommodate various container heights.

Load Design: The container is loaded, at floor level, into the 44" w x 44"d bucket of the tilt table. The standard pivot carriage is designed to accommodate containers up to 48" square x approx. 60" tall, but can be modified to handle other container sizes. Please provide your container dimensions to assure compatibility with the standard cradle design.

Welding Specification: The equipment is constructed of welded carbon steel that is ground to remove irregularities.

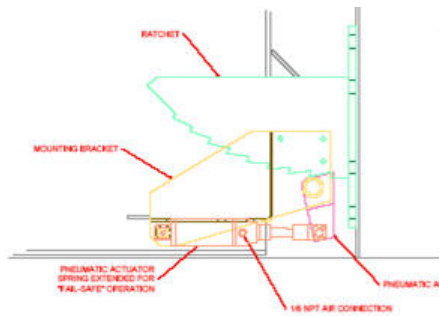
Surface Treatment: The equipment will be sandblasted or solvent cleaned, primed and painted with NBE metallic dark grey enamel.

Controls - Pneumatic System: The system will include a complete pneumatic control system for all devices. The system will be provided with a manual 3-position air valve. The hand valve is mounted to the pivot carriage of the system and includes all necessary filter regulators, and a single supply connection.

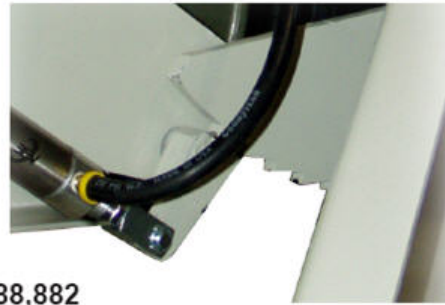
Available Options for the Model 29-950 Floor Level Tilter:

Patented Safety Stop: Upgrade the base Floor Level Tilter by including a patented pneumatic safety stop. The safety stop is designed to prevent the pivot cradle from dropping in the event of a pneumatic system failure. For safety reasons, *we highly recommends the addition of this option.*

CE certified marking – available as an option



Pat. # 5,488,882



Vibration: Upgrade the system to include an electric or pneumatic vibrator kit. Vibration induces non free flowing material to flow toward the vacuum located at the low corner of the tilter.



Vibrator options:-

Pneumatic vibrator with manual on/off valve

Electric vibrator with programmable timer control

Pneumatic vibrator with electric timer

Air vibrator with air timer

Gaylord Cover: Upgrade the system to include a fabric gaylord cover. The cover is installed over the open gaylord to prevent foreign debris from falling into the exposed material in the container. The cover includes an opening for the insertion of the vacuum pick-up wands, breathable filter panel, and two vinyl windows for quick visual level checks.



Full Tilt Indicator Light: Upgrade the system to include a red beacon that is activated when the tilter reaches its full tilt position. The red light warns the operator when the container is near empty.

