

## **Roto-Grip®**

Clamping & Rotating Drum Handlers

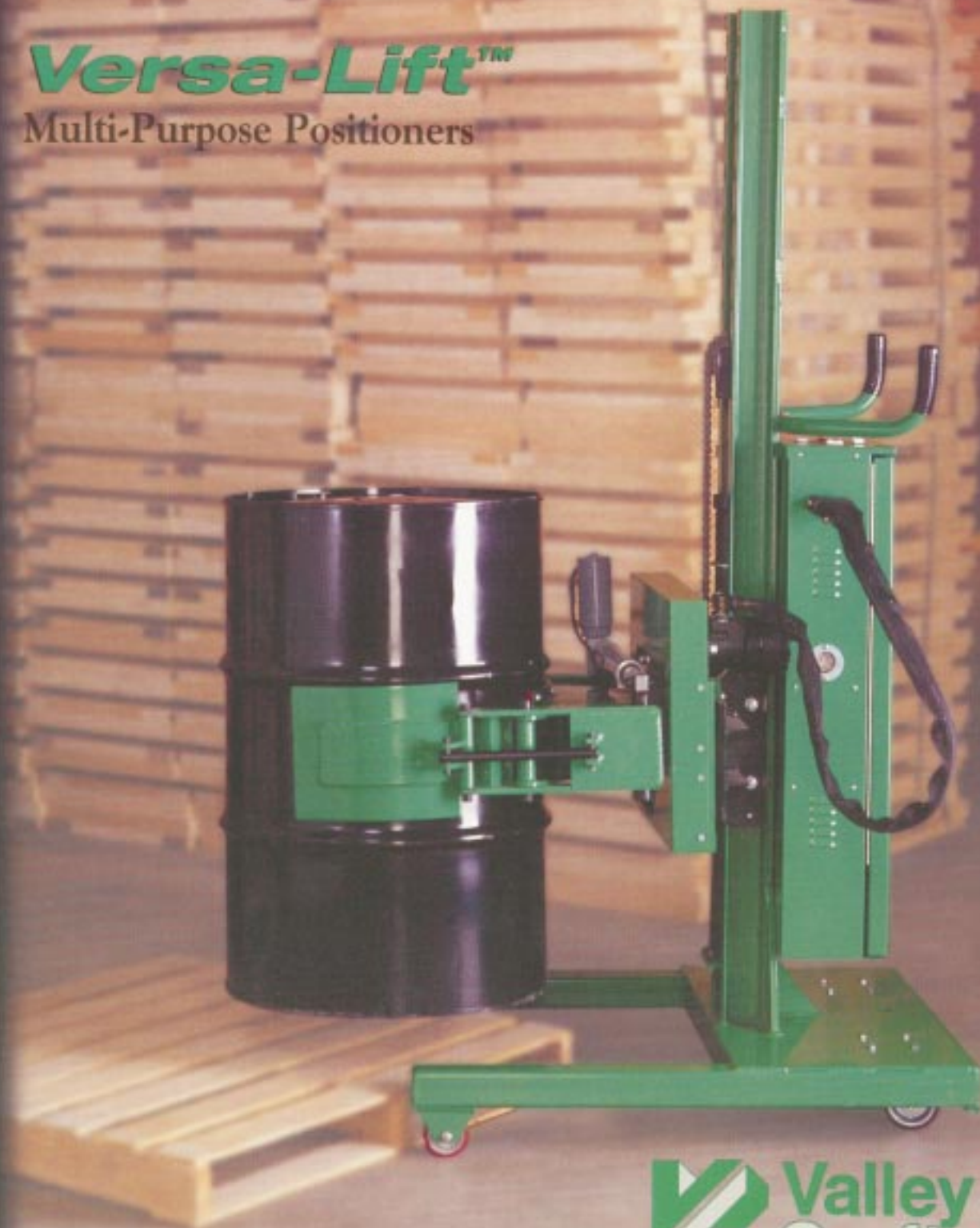
## **Roto-Lift®**

Rotating Drum Handlers

## **Versa-Lift™**

Multi-Purpose Positioners

**Portable Lifts**



**Valley  
Craft**  
an LSI Company

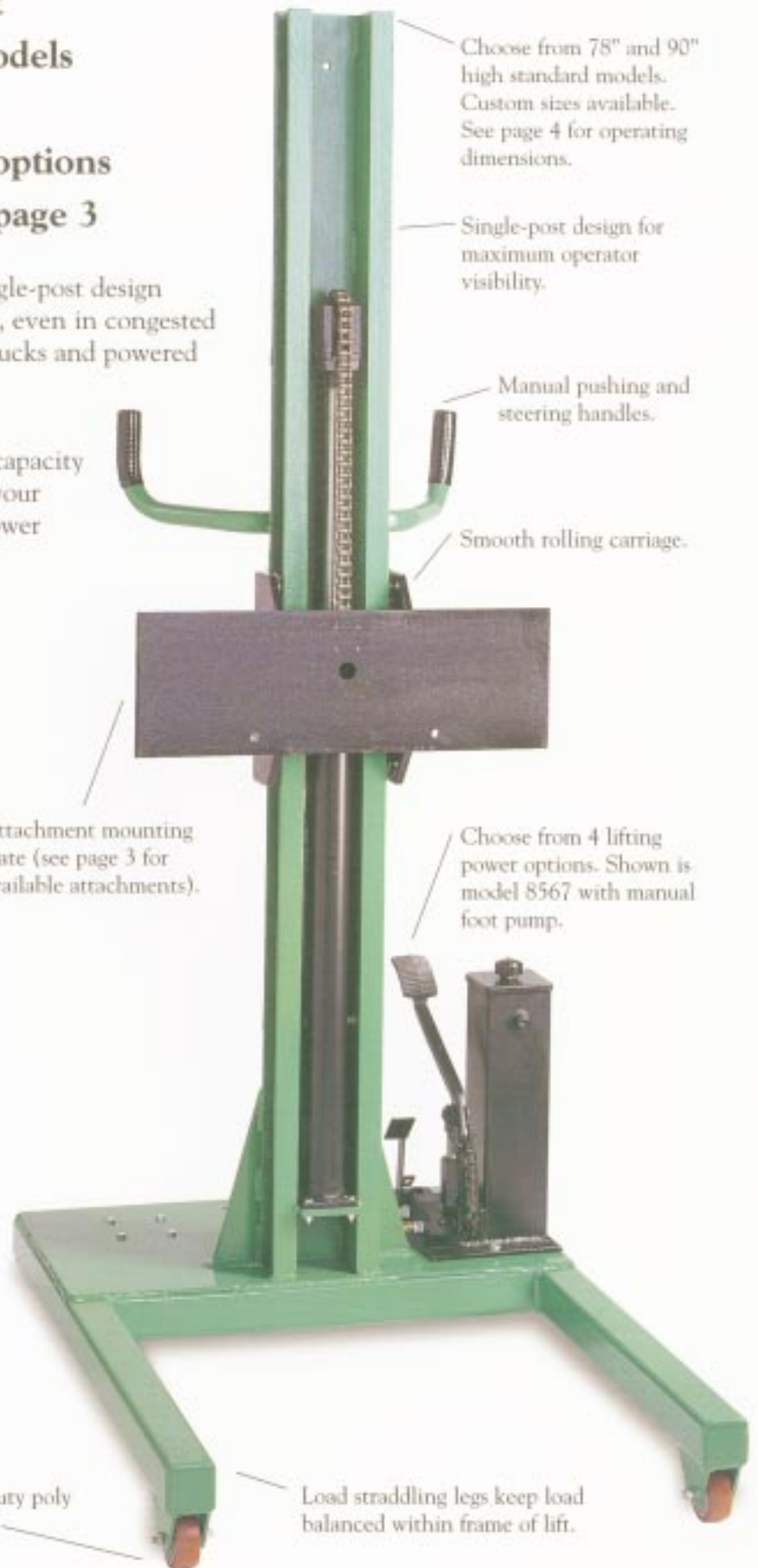
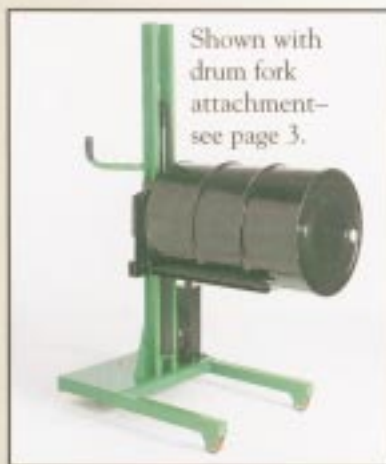
# Versa-Lift™ Multi-Purpose Positioners

- Single-post load-straddling lift
- Choice of 78" or 90" high models
- Manually propelled
- Choose from 4 lifting power options
- Attachments sold separately-page 3

A proven heavy duty floor truck. Efficient single-post design provides excellent mobility and high visibility, even in congested areas. It's an ideal alternative to heavier lift trucks and powered walkies. Efficiently performs medium-duty or "in-between" handling tasks.

Features a rugged steel frame with a 1000-lb. capacity and 4 different lifting power options to meet your particular needs for economy and mobility. Power options are shown on page 4.

All trucks have 3 x 1.5" rigid and 4.5" swivel poly wheels. Trucks are manually propelled.

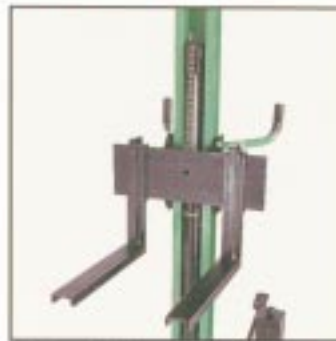


**Model 6146 Drum Grip**

Spring and cam-actuated jaws grip automatically as pressure against the drum forces them down. Jaws adjust manually to transport steel drums from 18-23" in diameter. Bonded rubber liner ensures a positive grip.

**Model 9804 Drum Forks**

24" steel forks are specially adapted to handle horizontally stacked drums. Provides a fast, efficient way to lift drums into and out of stacking racks.

**Model 9406 Pallet Forks**

22" steel forks move, elevate and stack pallets up to 24" deep. Creates a compact fork truck that is particularly useful around narrow aisles and congested areas.

**Model 9418 Steel Platform**

24" x 24" steel platform rests on Model 9406 pallet forks to convert unit into a platform lift. Ideal for positioning work and moving heavy items such as dies, molds, and metal parts.

**Model 8562 Drum Rotator**

Drum Rotator offers a safe and effective way of rotating a wide variety of barrels. Fully-loaded drums up to 800 lbs. can be rotated 360° in either direction in a matter of seconds with minimal effort. Universal joint on the long-handled hand crank allows operator to stand in the optimum position for viewing. The gripping device is equipped with nylon belts, ratchet tighteners and rubber-coated arms for lifting a wide variety of types and sizes of drums.

**Model 9409 Drum Tilter**

Ideal for occasional one-sided drum pouring applications where no more than a 120° rotation is needed. The hand crank-operated tilter rotates heavy drums with ease. Includes new, improved ratchets with nylon straps.

**Model 8560 Drum Claw**

Versatile beak-style grab is able to grasp the rim of virtually any kind of drum for transport. Quickly and firmly attaches to drums without the use of straps.

**Model 9410 Floor Lock**

An optional Floor Lock is available to fit any model Versa-Lift or Roto-Lift. Use Model 9413 for Counterweighted Roto-Lift; Model 9410 for all other models.

## ATTACHMENTS

Model	Description	Fork Length	Drum Diameter	Capacity	Shipping Weight
6146	Drum Grip	-	18-23"	800 lbs.	108 lbs.
9406	Pallet Forks	22"	-	1,000 lbs.	43 lbs.
9408	Drum Stacking Forks	24"	-	800 lbs.	81 lbs.
8562	Drum Rotator	-	12-23"	800 lbs.	121 lbs.
9409	Drum Tilter	-	12-23"	800 lbs.	66 lbs.
9418*	Steel Platform*	24" x 24"	-	1,000 lbs.	24 lbs.
8560	Drum Claw	-	up to 24"	800 lbs.	56 lbs.
9410	Floor Lock	-	-	-	4 lbs.
9413	Counterweight Floor Lock	-	-	-	4 lbs.

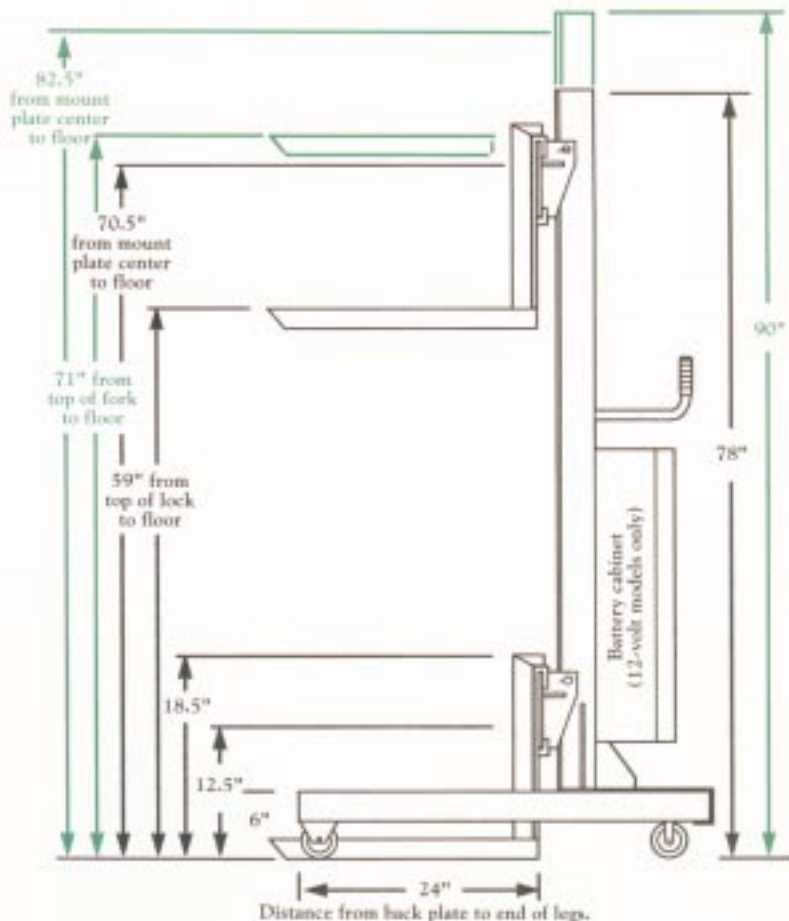
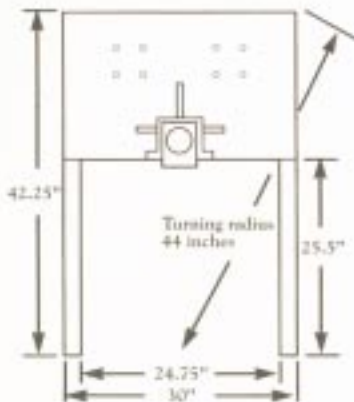
Specifications are subject to change without notice.

\* Must be used with 9406 pallet forks.

# Versa-Lift™

## Operating Dimensions & Specifications

Dimensions shown in green refer to the taller 90" model (all dimensions are nominal). Custom heights and widths are available. Call for quote.



## Lifting Power Options

**110-volt A.C. Motor**  
For operations where mobility is not a factor. Includes 8 feet of cord. Uses grounded outlet. Lifting speed 17 fpm.

**Manual Foot Pump**  
Lifts back plate .75" per stroke. Maximum lifting speed is approximately 5 fpm

**Air Power**  
Recommended for use around volatile materials. 80 psi, 5 cfm. .75" air line recommended. Lifting speed 17 fpm.

**12-volt D.C. Motor**  
Powered by 12-volt battery (not included), it plugs into a standard grounded outlet to recharge. Charger and amp meter included. Lifting speed 17 fpm.



## Versa-Lift™ Standard Models

Model Number	Lifting Height	Overall Height	Lifting Power Options	Lifting Speed (Feet per minute)	Capacity (12" from back plate)	Shipping Weight
8567	61	78	Manual Foot Pump	5 fpm	1,000 lbs.	335 lbs.
8568	71	90		5 fpm	1,000 lbs.	357 lbs.
7022	61	78	Air* Motor	17 fpm	1,000 lbs.	335 lbs.
7040	71	90		17 fpm	1,000 lbs.	380 lbs.
7785	61	78	110-volt A.C. Motor	17 fpm	1,000 lbs.	376 lbs.
7803	71	90		17 fpm	1,000 lbs.	392 lbs.
8553	61	78	12-volt** D.C. Motor	17 fpm	1,000 lbs.	368 lbs.
8561	71	90		17 fpm	1,000 lbs.	412 lbs.

\*Air Motor:  
80psi; 50 cfm;  
.75" diameter air line recommended.

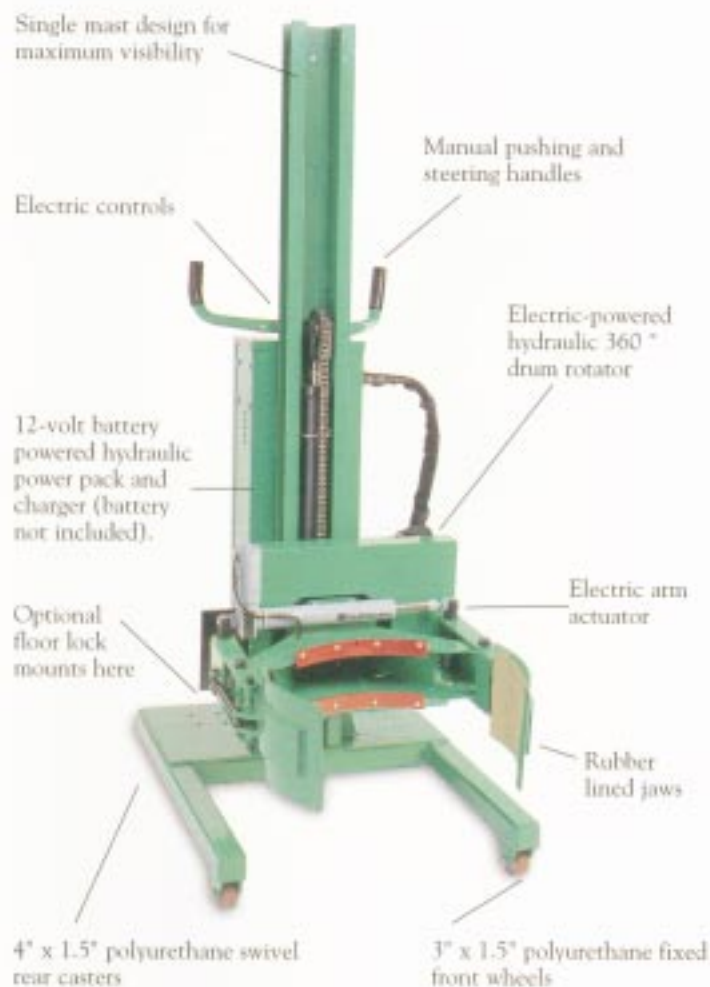
\*\*12-volt D.C. motor:  
Requires 12-volt deep cycle battery;  
72 amps;  
10.75" x 6.75" x 9" - high (to top of terminal). Flow is 1 gal. per minute at 2,000 psi.

Specifications are subject to change without notice.

- Choose from 78" or 90" high models
- All models are manually propelled

Pick up drums and other cylinders automatically by positioning the Roto-Grip around the load and clamping the jaws electrically. This unique design makes it possible to lift and rotate cylinders ranging from 18" to 24" in diameter without manually clamping and releasing cylinders.

Also available in a counterweighted version. See page 6 for more information on counterweighted models. Note: Counterweighted model weighs twice as much as straddle-type models and requires much more effort to move into position or to propel.



Electric operated screw-jack is used to clamp and release the rubber lined jaws.



The Roto-Grip can also pick drums off of the corner of a pallet.



Bonded rubber jaws are connected to actuating arms and provide a tacky surface for handling most smooth-sided cylinders.

Model	Description	Maximum Lifting Height	Lifting Speed	Maximum Capacity	Turning Radius	Overall Height	Overall Width	Overall Length	Width Between Legs	Length of Legs	Shipping Weight
8585	Straddle-type Manually propelled	61"	17 fpm	800lbs.	44"	78"	30"	42.25"	24.75"	25.5"	566 lbs.
8586	Straddle-type Manually propelled	71"	17 fpm	800lbs.	44"	90"	30"	42.25"	24.75"	25.5"	647 lbs.
8587	Counterweighted Manually propelled	61"	17 fpm	800lbs.	61.25"	78"	30"	37.25"	24"	4"	1,153 lbs.
8588	Counterweighted Manually propelled	71"	17 fpm	800lbs.	61.25"	90"	30"	37.25"	24"	4"	1,200 lbs.

Specifications are subject to change without notice.

- Choose from straddle-type or counterweighted models
- Choose from 78" or 90" high models
- Choose manual, battery, or air powered lifting and rotating
- All models are manually propelled

Patent No.  
5207550

Single mast  
design for  
maximum  
visibility

12-volt  
battery  
powered  
hydraulic  
power pack  
and charger  
(battery not  
included).

Optional  
floor lock  
mounts here

4" x 1.5"  
polyurethane  
swivel rear casters

3" x 1.5" polyurethane  
fixed front wheels

Battery-powered  
Roto-Lift is shown.

Manual pushing and  
steering handles

Electric-powered  
hydraulic 360° drum  
rotator

Equipped with 2" nylon  
straps complete with  
ratchet tighteners to  
secure various types and  
sizes of drums.

### Special Counter- weighted Models

(Model 8569 shown)

4" x 1.5"  
polyurethane  
swivel rear casters

5" polyurethane fixed  
front wheels

Dual counterweight holders for  
greater stability. Thirty-four  
13.5 lb. counterweights.



Ideal for loading or unloading pallets

Note: Counterweighted model weighs twice as  
much as straddle-type models and requires much  
more effort to move into position or to propel.

Specifications are subject to change without notice.

### Standard Straddle-Type Models

Standard Straddle-Type Models  
Centers load between the wheels for maximum balance and safety.  
(Model 8565 shown)

## Powered Lift and Tilt Models

Choose from battery-powered or air-powered models. Both offer fully powered lifting and tilting.

The battery-powered model requires a standard 12-volt deep cycle battery (not included), and plugs into a standard grounded outlet to recharge.

The air model is ideal for spark-resistant applications. The model requires an outside air source. See page 4 for air line specs.



Battery or air-powered lifting. Lifting speed 17 fpm.



Battery or air-powered inverting, rotating, and controlled dumping.

## Manually Powered Models

Both the lifting and 360° rotating functions are manually powered. Uses hydraulic foot pump for lifting. (See manual foot pump description on page 4.) Uses universal joint-equipped hand crank to make the 360° rotation.



Manually powered models to utilize a foot-powered hydraulic pump for lifting. Lifting speed 5 fpm.



Manual crank offers quick, easy 360° rotating and controlled dumping to either side.

Note: All models are manually propelled.

## Roto-Lift® Standard Models

Model	Description and power options	Maximum* Lifting Height	Lifting Speed	Maximum Capacity	Turning Radius	Overall Height	Overall Width	Overall Length	Width Between Legs	Length of Legs	Shipping Weight
8565	78" Straddle-type Battery Powered	61"	17 fpm	800lbs.	44"	78"	30"	42.25"	24.75"	25.5"	513 lbs.
8566	90" Straddle-type Battery Powered	71"	17 fpm	800lbs.	44"	90"	30"	42.25"	24.75"	25.5"	535 lbs.
8563	78" Straddle-type Manually Powered	61"	5 fpm	800lbs.	44"	78"	30"	42.25"	24.75"	25.5"	457 lbs.
8564	90" Straddle-type Manually Powered	71"	5 fpm	800lbs.	44"	90"	30"	42.25"	24.75"	25.5"	501 lbs.
8569	78" Counterweighted Battery Powered	61"	17 fpm	800lbs.	61.25"	78"	30"	42.5"	24"	4"	1,083 lbs.
8570	90" Counterweighted Battery Powered	71"	17 fpm	800lbs.	61.25"	90"	30"	42.5"	24"	4"	1,101 lbs.
8580	78" Counterweighted Manually Powered	61"	5 fpm	800lbs.	61.25"	78"	30"	42.5"	24"	4"	1,040 lbs.
8581	90" Counterweighted Manually Powered	71"	5 fpm	800lbs.	61.25"	90"	30"	42.25"	24"	4"	1,047 lbs.
8589	78" Straddle-type Air Powered	61"	17 fpm	800lbs.	44"	78"	30"	42.25"	24.75"	25.5"	480 lbs.
8590	90" Straddle-type Air Powered	71"	17 fpm	800lbs.	44"	90"	30"	42.25"	24.75"	25.5"	508 lbs.
8591	78" Counterweighted Air Powered	61"	17 fpm	800lbs.	61.25"	78"	30"	42.5"	24"	4"	1,010 lbs.
8592	90" Counterweighted Air Powered	71"	17 fpm	800lbs.	61.25"	90"	30"	42.5"	24"	4"	1,023 lbs.

# Straddle-type **Roto-Lift®**

## Operating Dimensions & Specifications

### 78" Model

- 90" Top of 55-gal. drum (Vertical position)
- 84.5" Top of 55-gal. drum (Horizontal position)
- 78" Top of mast
- 72.5" Highest position of rotator axis
- 60.5" Bottom of 55-gal. drum (Horizontal position)
- 55" Bottom of 55-gal. drum (Vertical position)

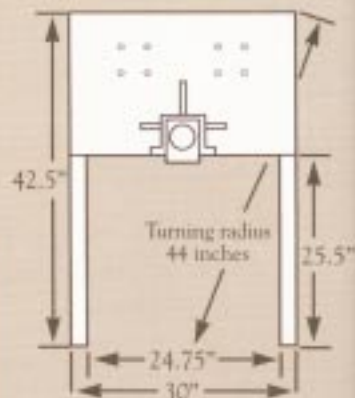
### 90" Model

- 100.5"
- 94.5"
- 88"
- 83.5"
- 72"
- 66"

Roto-Lift's compact size and single-post design provide a lift that is fully operational in narrow aisles and limited spaces. Choose from 78" or 90" overall height models. Dimensions shown in green refer to 90" model. See chart on page 7 for actual lifting heights and other specifications. The 78" model fits under standard doorways. The 90" model enables users to pour drum contents into containers as high 72". The Roto-Lift has 3 x 1.5" rigid and 4.5" swivel polyurethane wheels.

- 12.5" Lowest position of rotator axis
- 6" Leg top clearance
- 3" Ground clearance

- 12.5"
- 6"
- 3"



# Counterweighted **Roto-Lift®**

## Operating Dimensions & Specifications

### 78" Model

- 90" Top of 55-gal. drum (Vertical position)
- 84.5" Top of 55-gal. drum (Horizontal position)
- 78" Top of mast
- 72.5" Highest position of rotator axis
- 60.5" Bottom of 55-gal. drum (Horizontal position)
- 55" Bottom of 55-gal. drum (Vertical position)

### 90" Model

- 100.5"
- 94.5"
- 88"
- 83.5"
- 72"
- 66"

The Counterweighted Roto-Lift comes with 34 weights. Each weighs 13.5 lbs., for a total of 459 lbs., enough to safely lift and rotate an 800 lb. drum. Because the counterweighted unit has only 4" legs, no clearance is needed to pick a drum off of a pallet or dump it into a secondary container. Like the Roto-Lift, the counterweighted unit has a single-post design for maximum visibility. The Counterweighted Roto-Lift has 5" rigid and 4.5" swivel polyurethane wheels.

- 12.5" Lowest position of rotator axis
- 6" Leg top clearance
- 3" Ground clearance

- 12.5"
- 6"
- 3"

