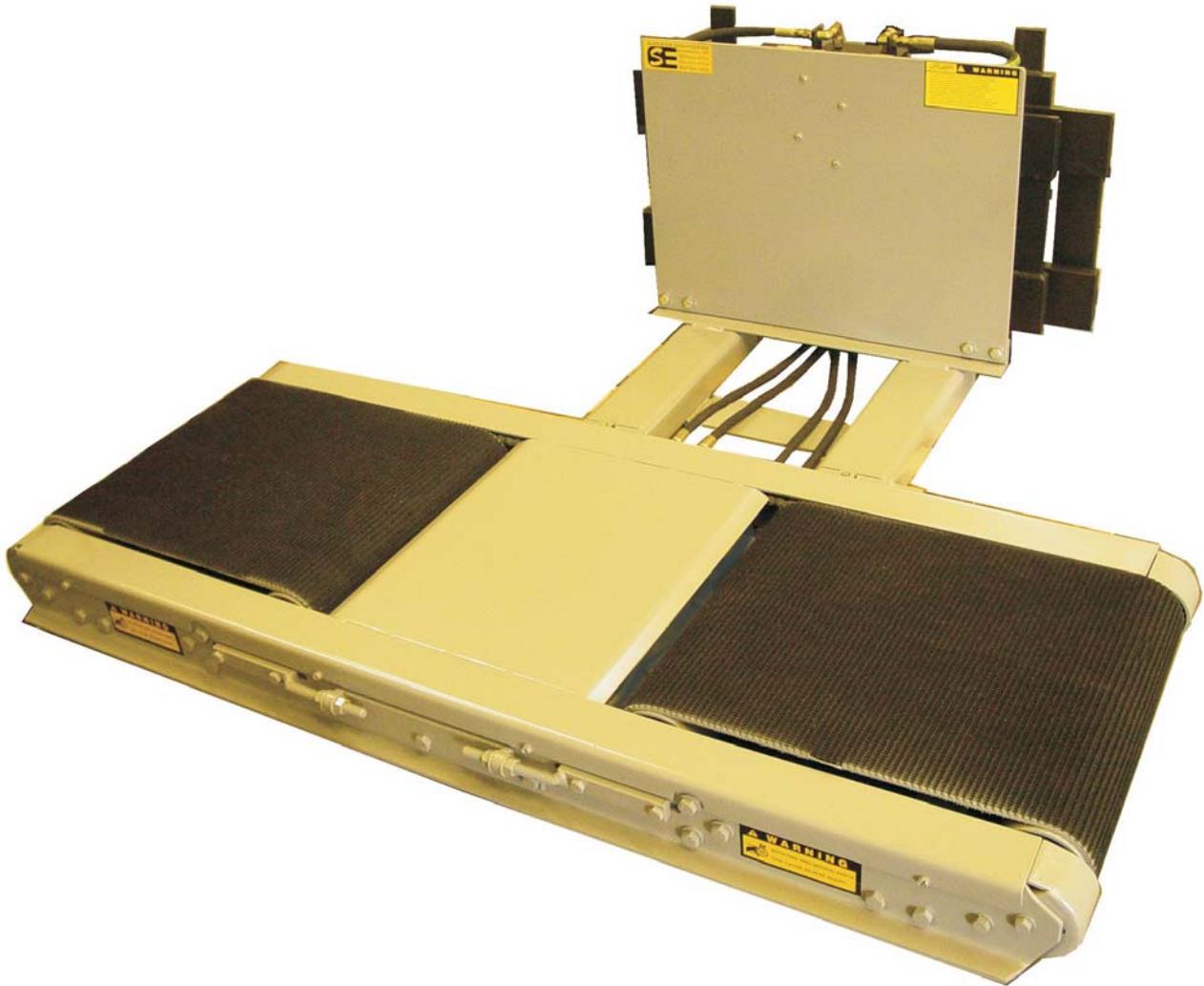


**SUPERIOR ENGINEERING INC.**

# **SUPERIOR ROLOADER**



**SE SUPERIOR ENGINEERING** 1-800-359-3052  
[WWW.SUPERIORENG.COM](http://WWW.SUPERIORENG.COM)

# ROLOADER

Roloaders come as either Rotating or Non-Rotating units. The rotating unit has a continuous 360 degree bed rotation function, this is used to turn long loads in line with the forklift. The non-rotating units all have built-in side-shift and the side-shift on the rotating unit is an option. We have multiple bed width and length options to choose from. The non-rotating units have widths available in 18, 24, 30 and 36" and have bed lengths available from 48 to 120". The rotating units have the same length options and width options with the exception of 30 and 36" wide units.



**ROTATING**



**NON-ROTATING**

**Capacities:** 2000 pounds is standard; 3000 pounds for heavy duty.

**Power:** High torque hydraulic motors operate the roller drive and rotation assembly. Crossover relief valves protect motors from surge pressures

**Traction Surfaces:** Rubber covered rollers or a variety of belt types available. The traction surface should be matched to the load. Boxes, rolls, pallets, slip sheets and other loads can be handled with the Roloader.

**Belt Tracking:** Two v-grooves in each roller with matching v-guides vulcanized to the belt insure straight tracking.

**Belt Adjustment:** Adjustment inboard away from bumping and abuse.

**Rotation:** A 360 degree rotation in either direction enables the operator to retrieve or discharge a load from either side or from the front of the truck. The Roloader uses a heavy-duty ring and pinion gear arrangement for rotation.

**Rotation Bearing:** Large sealed rotation bearing with hardened races.

**Side Shift (Rotating Roloader):** Carriage mounted side shift for easy maintenance. One two inch bore cylinder provides side shifting power.

**Side Shift (Non-Rotating Roloader):** Integral side-shifting on non-rotating units provide 24 inches of side shift (extra side shift available).

**Hydraulic Plumbing:** Well protected hydraulic lines are mounted in anti-vibration insulators. Machine formed steel lines are used for bolt on replacements.

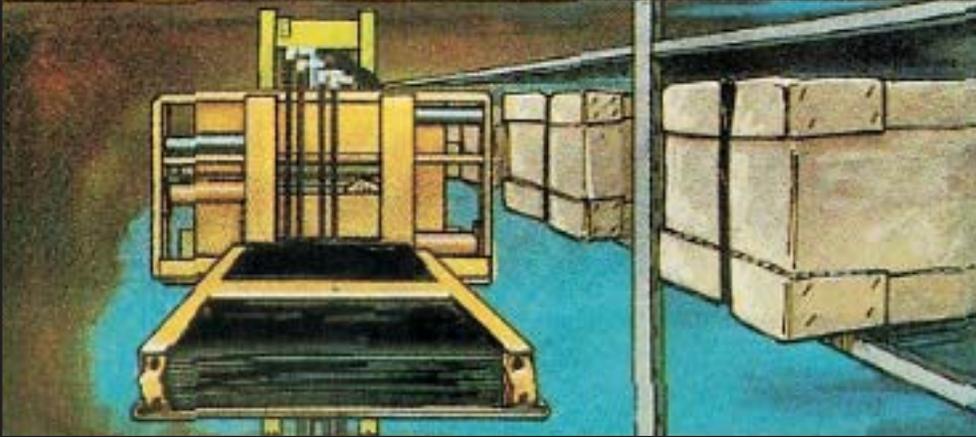
**Hydraulic Manifold:** Large diameter heavy duty manifold tested to 5000 p.s.i., Standard o-ring seals, easy to repair. (Only used on rotating models).

**Drive Sprockets:** All the same, totally replaceable, heavy-duty no. 50 size.

**Construction:** Production built, bolt together design. All structural weldments, jig-built to insure replacement parts always fit.

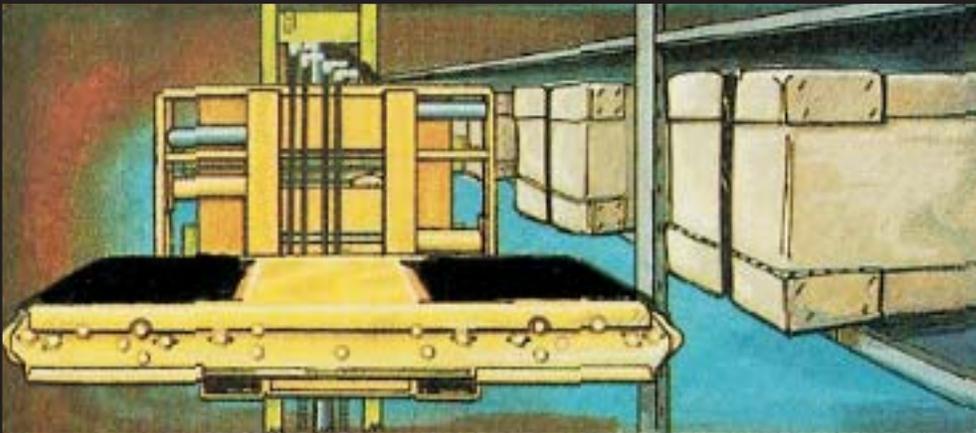
**Hydraulic Solenoid Packages:** Well-designed hydraulic solenoid packages available to insure compatibility with the lift truck hydraulic system.

# ROLOADER



## Improved Productivity

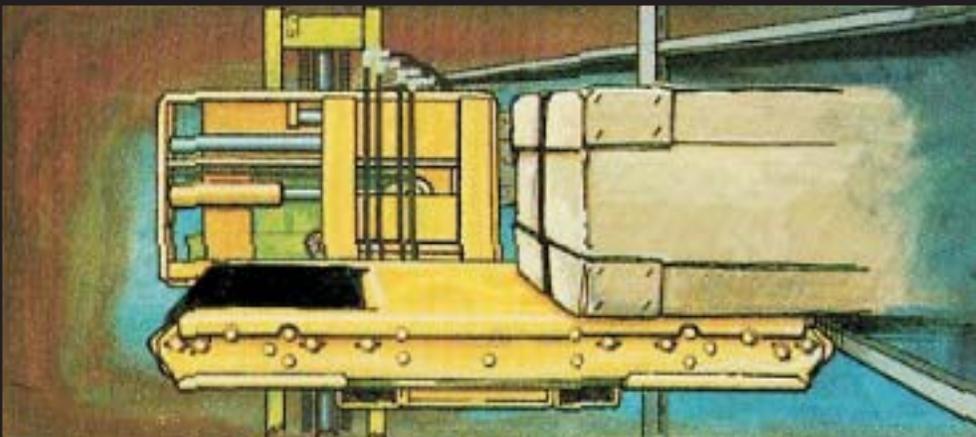
To remove loads from racks, the lift truck operator enters the aisle with the roller table length in line with the direction of truck travel. When the loading point is reached, the roller table is rotated right or left as desired



## Outstanding Maneuverability

The roller table is side-shifted to the edge of the rack and raised past the point of contact with the underside of the load until the desired loading angle (about 5") is obtained.

Minimum Load extension beyond the edge of the rack is approximately 3", depending on the type of load, no truck maneuvering is necessary.

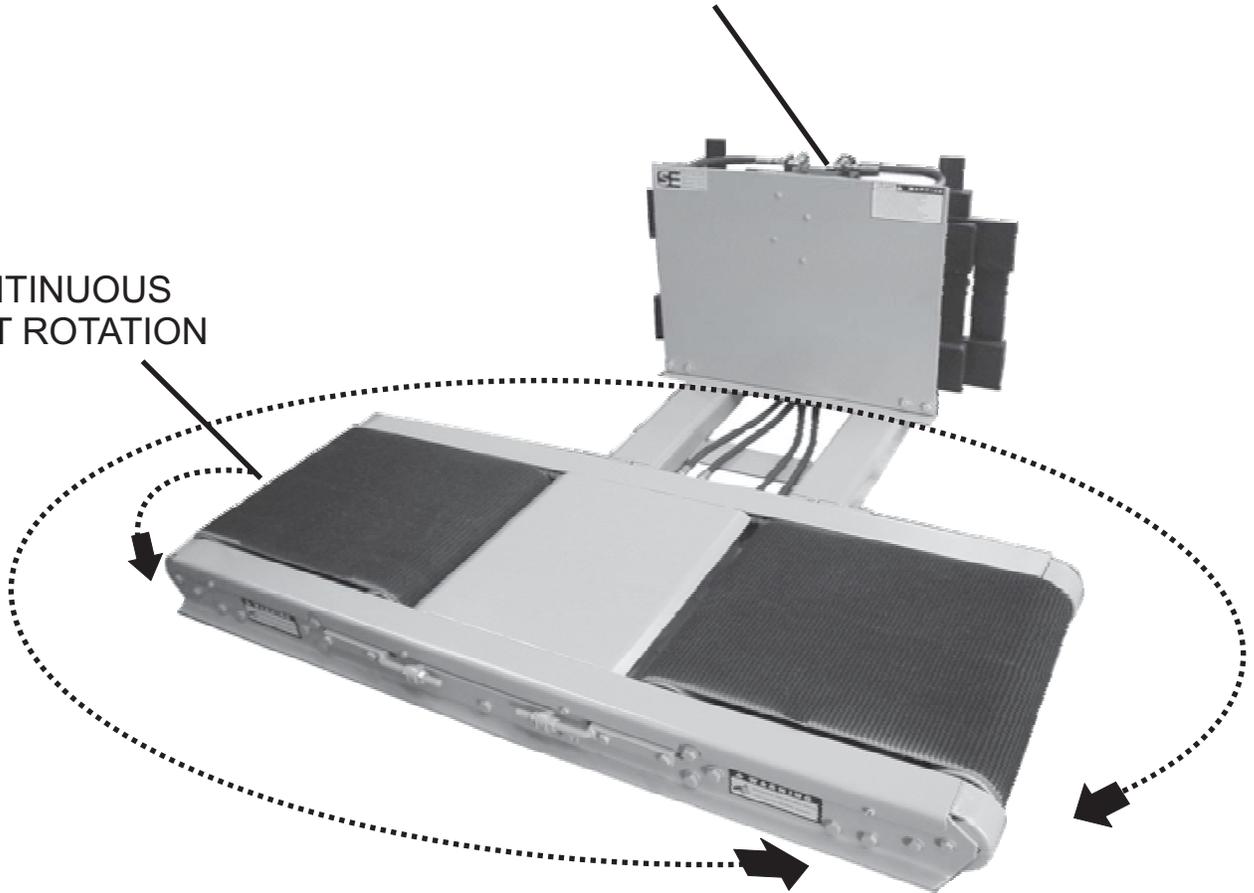


## Application Engineered

The operator now actuates the Roloader's four hydraulically powered rollers guiding the load onto the attachment. The Roloader is then side-shifted back to center, rotated back in line with the truck and ready to transport. Depositing a load is just as simple, the process is reversed, except the roller table is placed slightly above the rack so the powered rollers can insert the load into the storage shelf

SIDE-SHIFT AVAILABLE

CONTINUOUS  
BELT ROTATION



360 DEGREE ROTATION



ORDER PICKER  
INSTALLATION

COUNTERBALANCE  
INSTALLATION



# ROLOADER WORKSHEET

Make a photocopy of this page, fill out all information and fax into our office for a quote.

## LOAD INFORMATION

**Maximum Load Size** - Depth \_\_\_\_\_ Width \_\_\_\_\_ Height \_\_\_\_\_

**Minimum Load Size** - Depth \_\_\_\_\_ Width \_\_\_\_\_ Height \_\_\_\_\_

**Maximum Weight** - \_\_\_\_\_ pounds / **Minimum Weight** - \_\_\_\_\_ pounds

## RACK INFORMATION

**A.** Rack to Rack- \_\_\_\_\_

**A\*.** Load to Load - \_\_\_\_\_

**B.** Lowest Beam Level- \_\_\_\_\_

**C.** Highest Beam Level- \_\_\_\_\_

**D.** Beam to Beam- \_\_\_\_\_

**E.** Overhead Obstruction- \_\_\_\_\_

**F.** Guide Rail I.D.- \_\_\_\_\_

**G.** Guide Rail Height \_\_\_\_\_

**H.** Guide Rail to Rack \_\_\_\_\_

## ADDITIONAL INFORMATION

Box \_\_\_ Slip Sheet \_\_\_ Pallet \_\_\_ Roll \_\_\_ Other \_\_\_

What type of surface covering does load have?  
\_\_\_\_\_

Truck Make/Model \_\_\_\_\_

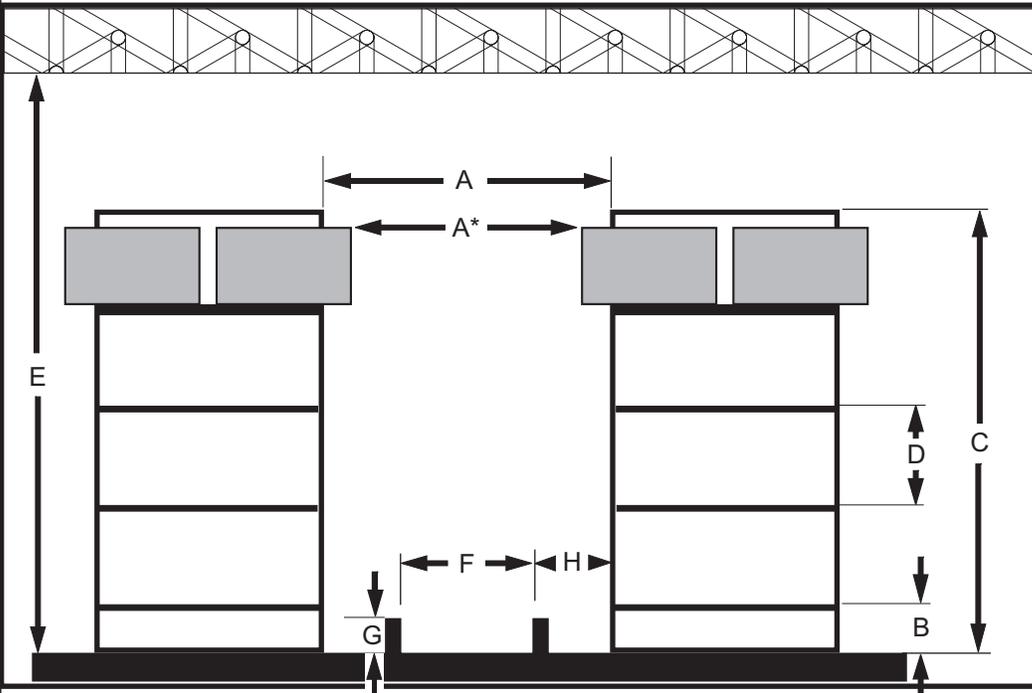
Type \_\_\_\_\_ Capacity \_\_\_\_\_

Gas(LP) \_\_\_\_\_ or Electric \_\_\_\_\_ Voltage \_\_\_\_\_

Side-Shift Required? Y N Rotation Required? Y N

Did you observe any unusual operating conditions?  
\_\_\_\_\_

Any unusual request? \_\_\_\_\_



Dealer \_\_\_\_\_

Date \_\_\_\_\_

Salesman \_\_\_\_\_

Phone \_\_\_\_\_

e-mail \_\_\_\_\_

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