

YARD RAMPS AND STEEL PLATFORMS Models SYS and SP

Loading Dock Supply offers a complete line of yard ramps in a variety of sizes, and capacities along with a range of features to customize the yard ramp to your specific needs.

Further customize your loading operation with a combination of steel platforms and yard ramps to increase work spaces or assist in moving loads between trailers without the need for a loading dock.

Steel Yard Ramp

Model SYSNU

For quick loading from ground to dock, choose a 30' straight design.

- All steel welded construction without undercarriage for a long-term, durable solution
- Capacities from 16,000 to 100,000 pounds
- Wide range of capacities and sizes available
- Steel serrated grating
- Beveled approach provides a smooth transition
- Safety chains included to secure Yard Ramp to the dock



Model SYSNU

Portable Steel Yard Ramp

Model SYS

Ground-to-Trailer Application best served with 36' ramp including a 6' level off.

- All steel welded construction and features similar to Model SYSNU
- Capacities from 16,000 to 60,000 pounds
- Includes full undercarriage with solid 18" rubber tires standard; pneumatic tires optional
- Double-action hydraulic pump - the hydraulic system allows for smooth and quick raising of the front lip to the proper dock or trailer height. Simply open the release valve to safely lower the unit into position. The pump is mounted internally to protect it from accidental damage.
- Safety chains included to secure Yard Ramp to the dock or trailer.



Model SYS

Yard Ramp Mobility Options



RAMP CLAMP

The Ramp Clamp assists operator in moving the Yard Ramp. Forklift tine inserts into the swiveling lift loop and is secured by a locking device.



TOW BAR

The optional Tow Bar features a fastlocking, easy hook-up to the Yard Ramp for towing. A quick disconnect feature improves handling efficiency.



UNDERCARRIAGE

Heavy-duty wheels and solid rubber, pneumatic profile tires make positioning the Yard Ramp easy.

HIGH CAPACITY STEEL YARD RAMP

Model SYSNU

High Capacity Application

- All steel welded construction
- Capacities from 60,000 to 100,000 pounds
- Steel serrated grating
- Beveled approach provides a smooth transition
- Safety chains included to secure Yard Ramp to the dock or trailer
- Uses sturdy I-beam construction for strength and durability
- Widths available up to 144" (may be shipped in two parts to meet transportation regulations)
- Available with fixed or adjustable legs



STEEL YARD RAMP® WITH CASTERS

MODEL SYS-C



Model SYS-C



Advantages of the YardRamp® Model with Casters

- Simple movement with ramp clamp or tow bar
- Lower maintenance costs compared with hydraulic pumps or electric motors
- Durable steel casters and adjustable legs
- Normal service range is 42" to 59", but special orders can accommodate different heights
- The caster leg model yard ramp eliminates the risk of blowing out the hydraulic gaskets or dealing with a pump failure.

Yard Ramp with Casters Construction

- Capacities from 16,000 to 60,000 pounds with level off
- Steel serrated grating
- Steel casters with polyurethane for durability and smoother movement
- Beveled approach for smooth transition (available for 20K capacity and above)

For truck or railcar-to-ground applications, choose a 36' unit including a 6' level off.

MINI RAMP® MODEL MR



Mini Ramp with optional casters

Mini Ramp lengths: 15' and 18'
Widths: 70" and 84"
Capacities: 12,000; 16,000; 20,000; and 30,000 lbs

The **Mini Ramp** is a smaller version of the Yard Ramp, featuring the same all-steel construction and capacities with no undercarriage. The Mini Ramp will service heights from 16" to 32".

With the optional mobility package, the Mini Ramp can easily be moved on a hard surface by two people. This optional package includes two screw jacks with rigid steel casters that are mounted at the ramp's balance point. The steel apron on each end of the ramp ensures a long life on the grating whether you are using manual equipment or forklift trucks.

PORTABLE DOCK/PLATFORM



A fast, economical way to expand your dock area and to increase freight handling capabilities without the expense of site or concrete work. A Portable Dock affords 90 degree turnability for safe forklift maneuvering and can easily be relocated to other areas of your yard where a free-standing loading dock may be needed. Optional, adjustable, telescoping legs of 44" and 55" allow elevations to meet most dock height requirements. For remote areas, our Portable Dock along with a Bluff Yard Ramp can serve as a satellite unloading area.

ACCESSORIES



Flip Plates

Flip plates give flexibility for up and down loading (+/- 3"). Available for yard ramps or platforms.



Handrails

Additional safety can be provided for pedestrian traffic with an easy to install hand rail system. Available for yard ramps or platforms.

YARD RAMP SELECTION GUIDELINES

Yard Ramp Width Requirements

When selecting your yard ramps width it is important to keep in mind 5 factors

- 1) What is the smallest and largest width of trailers to be serviced?
- 2) Are there pallets placed or removed near the opening?
- 3) Will the entire width of the trailer opening be required for unloading?
- 4) The Yard Ramps working width is 6" less than the overall width
- 5) The working width should be 15" wider than the equipment in use

In diagram 1, to the right, an 8'6" wide LTL truck opening is depicted with a 70" wide yard ramp on the left and an 84" model on the right. The opening size of an 8'6" trailer is commonly 93". Note how the 70" wide yard ramp does not take up enough of the opening to allow easy access to both pallets without repositioning, whereas the 84" model is capable of reaching both pallets without repositioning.

Ramp Type	Ground to Dock 30" Straight	Ground to Truck 36' with 6' Level-off
Wheel Diameter	18"	18"
Raised Lip Height	72"	67"
Lowered Lip Height	40"	33"
% of Grade at 50" High	14%	14%
Curb Heights	8"	8"
Carrier End Treadplate	30" Reinforced Apron with 15" Lip	

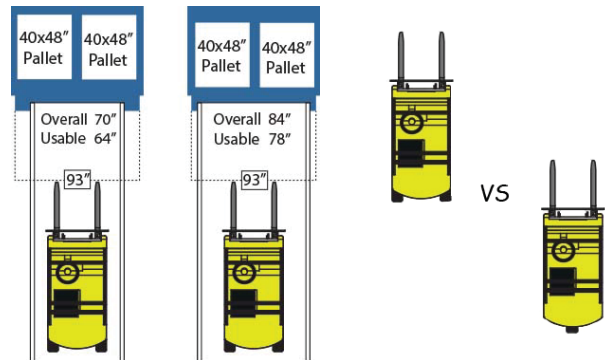


Diagram 1

Yard Ramp Capacity Calculation

To ensure your ramp will operate as intended, without premature dishing (warping) from stress and heavy loads, we use a simple calculation that takes into consideration the load weight dispersed between four wheeled and three wheeled forklifts.

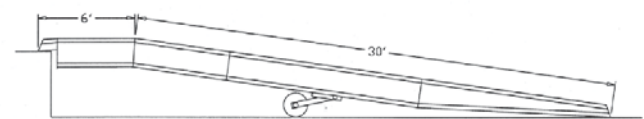
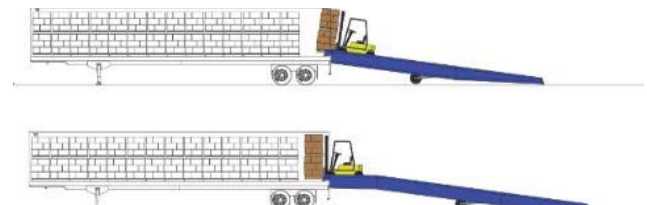
$$\text{Four wheeled forklifts} \\ 3 \times (\text{Forklift Carrying Capacity}) = \text{Suggested Capacity}$$

$$\text{Three wheeled forklifts} \\ 4 \times (\text{Forklift Carrying Capacity}) = \text{Suggested Capacity}$$

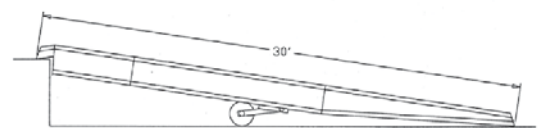
If you intend to operate the ramp in excess of 8 hours a day or are using specialized equipment we recommend calling 1800-741-1258 or submitting a request for information for additional support in your selection.

6' Level-Off on 36' Model vs No Level-Off

The 6' level off on the 36' ramp model is ideal for use with trucks and other low clearance door ways. The benefit of the level off comes from the ease of loading and unloading the rear of the trailer; it also serves to improve movement into and out of the trailer. For permanent and semi permanent dock to ground applications we offer the 30' all incline model. This model should not be used for truck to ground loading.



20SYS8436L
 6' LEVEL OFF
 36' LENGTH
 84" OVERALL WIDTH (USABLE WIDTH IS 6" LESS)
 STEEL YARD RAMP STEEL GRATING
 20,000 LB CAPACITY



20SYS7030
 STRAIGHT
 30' LENGTH
 70" WIDTH (USABLE WIDTH IS 6" LESS)
 STEEL YARD RAMP STEEL GRATING
 20,000 LB CAPACITY