



## takes 2' 9" of dock space

Less lip and bumper extensions.

**Two models**, pit installed and self-contained free standing.

**Lift Cylinder**, Systems-designed, topped and self-bleeding, hard chrome plated, 2-1/2" diameter.

**Lip**, controlled and operated by a separate 2-1/2" cylinder for safety and efficiency. No mechanical cams, cogs, latches or springs are required.

**Lip Hinge**, self-cleaning, ice, stones and debris can't hinder its operation because no mechanical latches are used.

**Lip Protection**, extended lip folds automatically if vehicle accidentally backs into it.

**Ramp**, high strength safety plate and formed channel members integrally welded. Designed for conventional loading operations.

**Toe Guards**, protect workers through full operating range.

**Frame**, unitized design for perfect alignment of operating members, equalized load distribution and ease of installation.

**Below Dock Service**, capability provided for end loads.

**Return to Dock**, push-button activation.

**Cross Traffic Support**, lip provides 16" beam which distributes weight across Mini-Ramp's full width.

**Wall Mounted Controls**, include push-button unit and manual, single phase starter for motor overload protection.

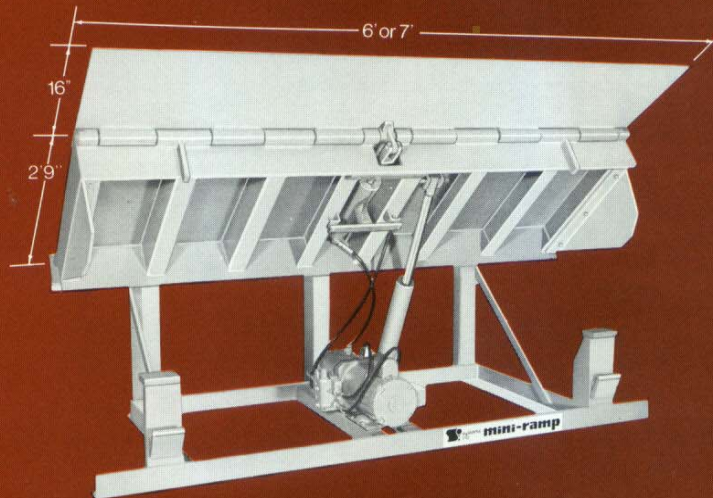
**Packaged Unit and Power Pac**, Mini-Ramp is delivered complete with controls ready for quick installation.

**Bumpers Included**, two rugged, laminated rubber units, 4-1/2" x 12" x 15" designed to be welded to dock face.

**Maintenance Prop**, holds board in "UP" position while being serviced.

# POWERAMP mini-ramp

## has features, capacity and options of full-size dockboards



## 20,000 lb. live load capacity

Single axle capacity 17,000 lbs. Fully hydraulic operation. No manual effort is needed to raise or lower Mini-Ramp. Only Mini-Ramp offers big capacity plus fully hydraulic operation.

## options

**Free Standing Units**, self-contained models for use in front of docks.

**18 inch Lip**

**Abrasion Deck and lip coating.**

**Electrical**, 208 to 230/240 Volts, 3-phase.

**Insulation**, for freezer plants.

**Cushion Lip.**

**Weatherseal.**

**Ice Control.**

**Smooth Deck and Lip.**

**Auxiliary Bumpers.**

**Pit Curb Angles.**

**Special Finishes.**

Contact us for further information, engineering assistance or quotations.

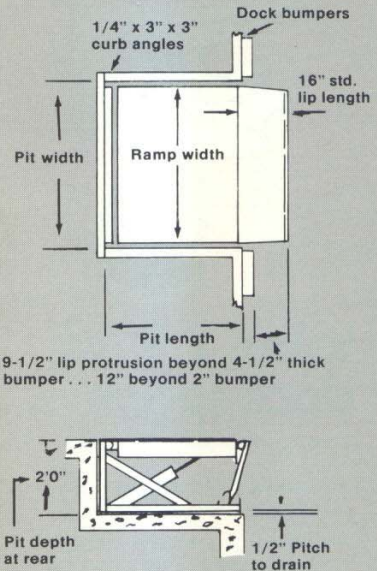


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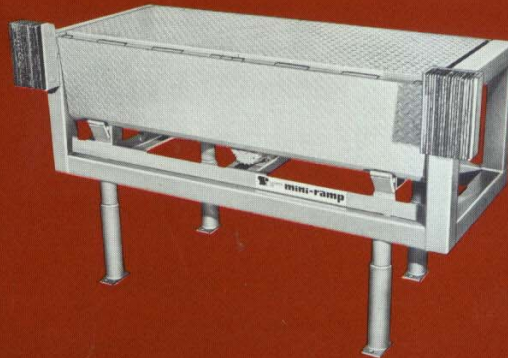


# fully hydraulic, automatic performance in a compact dockboard

## standard dimensions



## POWERAMP mini ramp



### SHORT FORM SPECIFICATIONS

Automatic dockboard to be \_\_\_\_\_ long x \_\_\_\_\_ wide with 20,000 lbs. live load capacity and rated for 85% single axle load capacity. Full hydraulic power operated, complete with 16" automatic power operated lip; below dock capability for end loads; full operating range toe guards; remote control push-button for wall mounting and 4-1/2" x 12" x 15" laminated type dock bumpers (2 per unit). Dockboard is to service truck beds on a range of 6" above to 6" below dock level. To be designed to operate normally in an ambient temperature range of -30°F to +125°F. To be completely factory assembled, tested and wired for 115/ 230 Volt, single phase, 60 Hertz operation ready for installation. Meets or exceeds ANSI (American National Standards Institute) MH 14.1-1978 INDUSTRIAL LOADING DOCK—BOARDS [RAMPS] and OSHA standard requirements for dockboards dated May 29, 1971.

To be Mini-Ramp Model \_\_\_\_\_ as manufactured by Systems, Inc.

## construction data and sizes

**DECK** — 1/4" INX-55 4-way safety plate, 55,000 p.s.i. min. yield

**LIP** — 5/8" 4-way safety plate, 55,000 p.s.i. min. yield

**JOISTS** — (8) 4-3/4" formed sections welded to 1/2" x 6" front plate

**LIP HINGE** — 1-7/8" O.D., 5/16" wall seamless tubing

**LIP PIN** — 1-1/8" dia. C1045 steel

**FRAME** — Heavy formed members

**HOIST CYLINDER** — 2-1/2" dia. top fed, self-bleeding hard chrome rod

**LIP CYLINDER** — 2-1/2" dia., hard chrome rod

**ELECTRICAL** — 115-230 Volt, single phase (3-phase optional)

**MOTOR** — 3/4 h.p. totally enclosed

**CAPACITY** — 20,000 lb. live load, 17,000 lb. single axle

**OPERATION** — Push-button, fluid logic control

Mini-ramp industrial dockboards are delivered as a completely assembled, tested and adjusted, "package" ready to install... or the unit may be adapted to fit existing deep or shallow pits. Certified pit layout drawings and specifications are furnished.

Mini-ramp standard sizes, 20,000 lbs. live load capacity.

Model Number	Ramp Width x Length	Pit Width x Length
WH64	6 x 4	6'2" x 2'9"
WH74	7 x 4	7'0" x 2'9"

Certified pit layout drawings and specifications available.

Specifications and materials subject to change without notice.

## guarantee

Systems, Inc. guarantees the materials, components and workmanship in your Mini-Ramp to be of the highest quality and to be free from defects for a period of one (1) year from date of installation—any defective material, components or parts will be exchanged at our factory with new replacement parts, shipped to you prepaid, if found to be defective from other than abuse, careless or negligent use, or failure to maintain the unit as recommended by company maintenance schedules and guides.

In addition to the above one-year guarantee, the following hydraulic components on your Mini-Ramp are guaranteed for a period of three (3) years from date of installation.

- A. The Fluid Logic control assembly.
- B. All hydraulic cylinders and pressure lines.

And that: your Mini-Ramp is designed to operate normally in an ambient temperature range of -30°F to +125°F (-35°C to +52°C)

There are no warranties, either express or implied, including any implied warranties of merchantability or fitness for a particular purpose which shall extend beyond the warranty periods above indicated. No responsibility is assumed for any incidental or consequential damages except for those allowed under existing state law.

*The company reserves the right under its product improvement policy to change construction or design details and furnish equipment when so altered without reference to illustrations or specifications used herein.*



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