

# PREMIER Scaffold Solutions



*MPU*

*ProSeries*

*EPU/GPU*



PRODUCT 2018 CATALOG



TNT Equipment was founded in 1984 by the Valentine brothers in Columbus, Ohio. The Valentine family was a family of masons and, after running a masonry business in Ohio since the 1970s, they grew tired of their scaffold supplier and the way they were treated. They believed that there was a need for a construction equipment supplier that would focus more on service and putting the customer first. This is when the idea of TNT Equipment Company was born. In 1986 Tony Valentine left the masonry crew to take over the inside management of TNT. The next 10 years were years of learning and growth for Tony and the business. TNT quickly became a popular rental store in central Ohio for forklifts, mixers, traditional scaffold, and other small motorized equipment. By 1996, mast climbing scaffold was being introduced into the construction market, and TNT became one of the first companies to rent and sell it in Ohio. The growth was exponential. TNT then tripled their business by introducing mast climbers in Michigan, Indiana, Pennsylvania, West Virginia and Kentucky. In 2001 TNT opened a full rental and sales branch in Dallas, Texas which caused mast climbers to boom even more. In 2006 TNT purchased an existing rental store in Orlando, Florida, that specialized in a high-speed rack and pinion system. That system was a hot item in that area of the country, and it led to further expansion for TNT's business. In 2009, TNT Equipment decided to start building its own line of mast climbing equipment that focused more on quality and making a product that is hot-dipped and longer lasting. As a result, Premier Scaffold Solutions was born and the ProSeries line was introduced. In 2014, Tony bought his brother's shares of the business and now assumes 100% ownership of TNT and Premier (PSS). Originally the Premier manufacturing plant was located in Apopka, Florida. In 2016 the plant was relocated to Somerset, Ohio for many reasons, but mainly to be closer to our corporate office and to better serve our primary customer base. Premier has now expanded its mast climbing line to 5 different units and continues to grow each year. Tony's motto is



**“Today Not Tomorrow”**

A graphic with a diamond-plate metal background. At the top, it says "Made in USA" on both sides, each with a blue star and red and white stripes. In the center, "PREMIER Scaffold Solutions" is written in large, bold, red letters. Below that, "BUILT WITH PRIDE IN SOMERSET, OHIO" is written in a similar bold, red font. At the bottom, three product lines are listed: "MPU MODULAR PRO UNIT" on the left, "ProSeries" in a large, stylized red font in the center, and "EPU ELECTRIC PRO UNIT" on the right.

# ProSeries - 24'

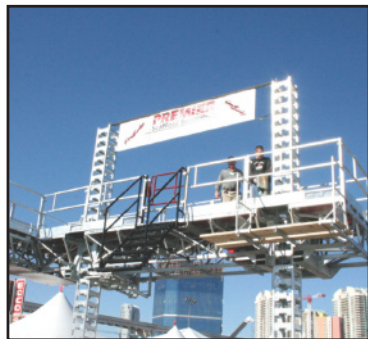
## Hydraulic Mast-Climbing Systems



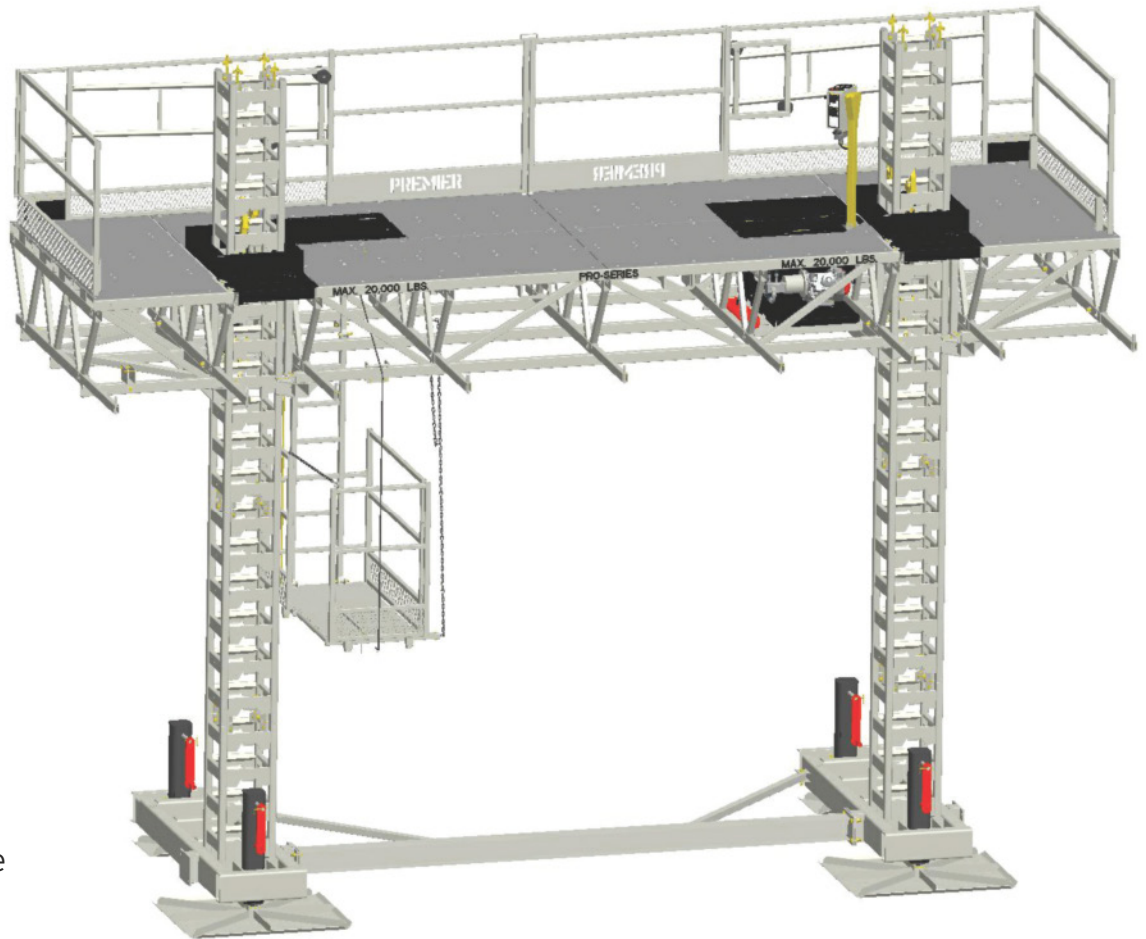
Galvanized Power unit



Climbable tower



Power unit in action



### Power Unit

- Fully galvanized frame
- Retractable walkway
- 20,000 lb. capacity
- 13 HP electric start Honda engine
- OSHA compliant climbable mast

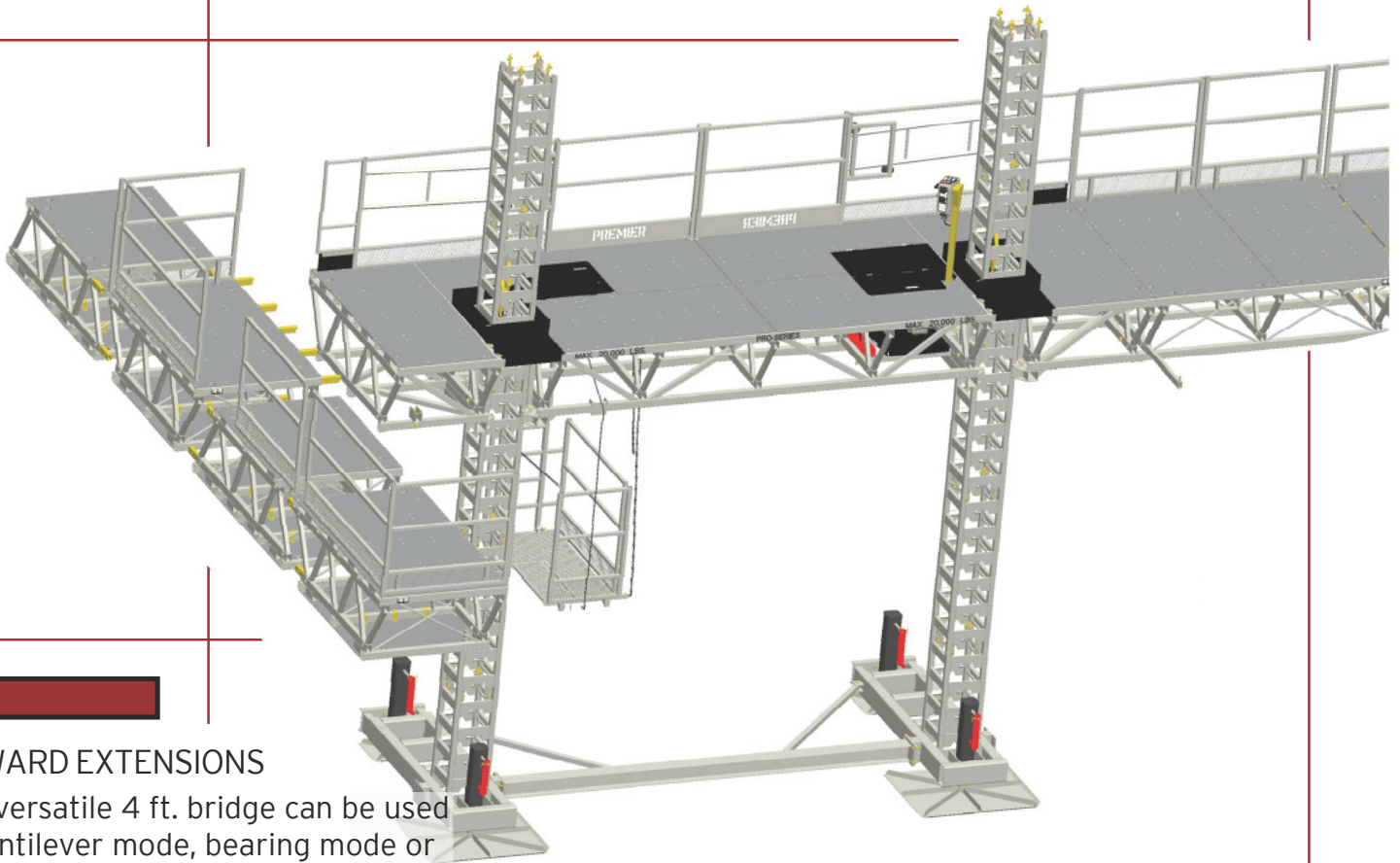
The Pro Series consists of work platform sections interlocked with a Pro Bar System and constructed of tube steel trusses supported on two steel tower masts. The towers are assembled from 16 in. x 16 in. x 60 in. sections that are bolted together. They are supported on a base, which has four jacks.

The Pro Series work platforms may be used in a freestanding configuration or in a "tied" mast configuration. The maximum free standing height is 35 ft. In the tied mast configuration, stiff arms are installed between the tower mast and the building structure every 20 ft. In this configuration, the maximum tower height is 250 ft. nominal. The allowable uniform load for the Pro Series is 20,000 lbs.

The ProSeries has many advantages, one of the greatest advantages is modular bridging. The ProSeries uses 16', 8', 6', and 4' bridge lengths to be used in cantilever mode and bearing mode. The versatile 4 ft. bridge can be used in cantilever mode, bearing mode or as a forward extension. Cantilever bridges are mounted to the ProSeries unit, using the Pro Bar system for a width up to 64 ft. on a single unit. Use the pre assembled bearing bridges in between two ProSeries units, either in a straight line or by forming an angle with the power units.

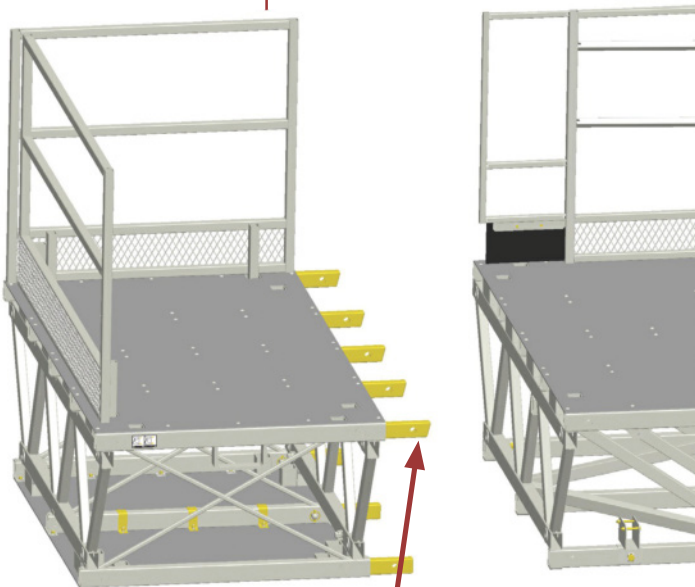


# Pro Series



## FORWARD EXTENSIONS

The versatile 4 ft. bridge can be used in cantilever mode, bearing mode or as a forward extension. As a forward extension, it can attach on the end of the Pro Series unit or in the middle.



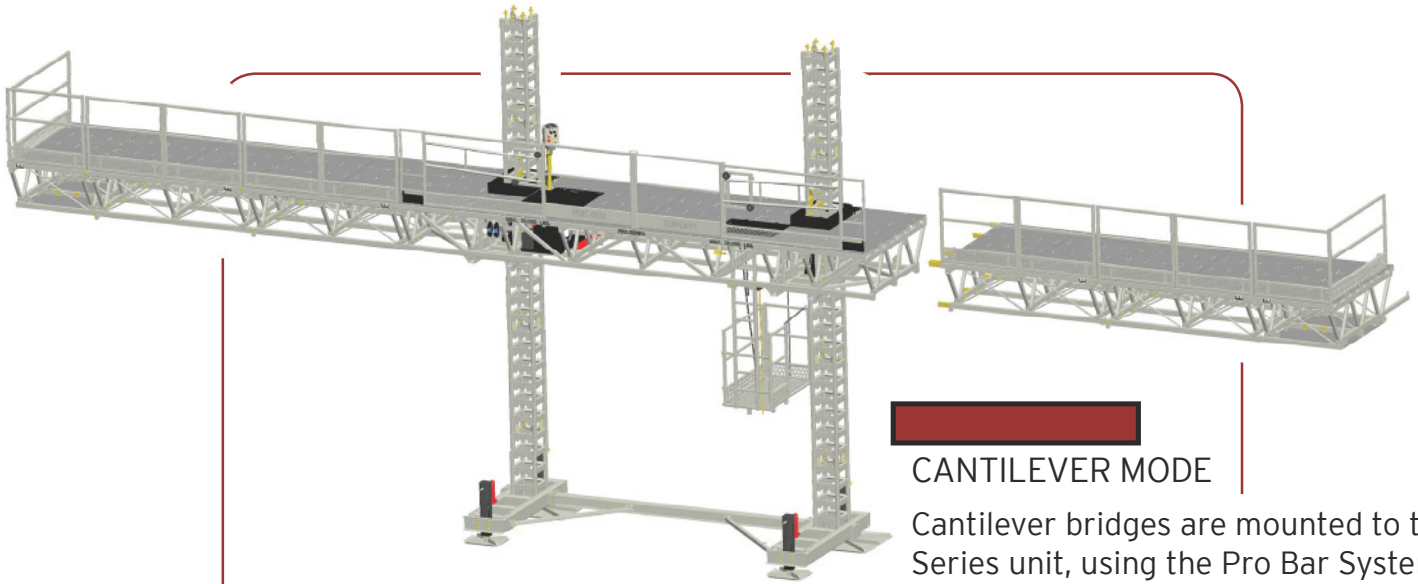
Pro Bar System

## PRO BAR SYSTEM FOR BRIDGE APPLICATIONS

Pro Bars connect most Pro Series' components and accessories. A zinc plated rectangular tube with three holes and one angular cut, this innovative connecting device allows components to be connected without sagging.

All of our components connect with ease requiring no more than a clevis pin to secure them to each other. No special tools required.





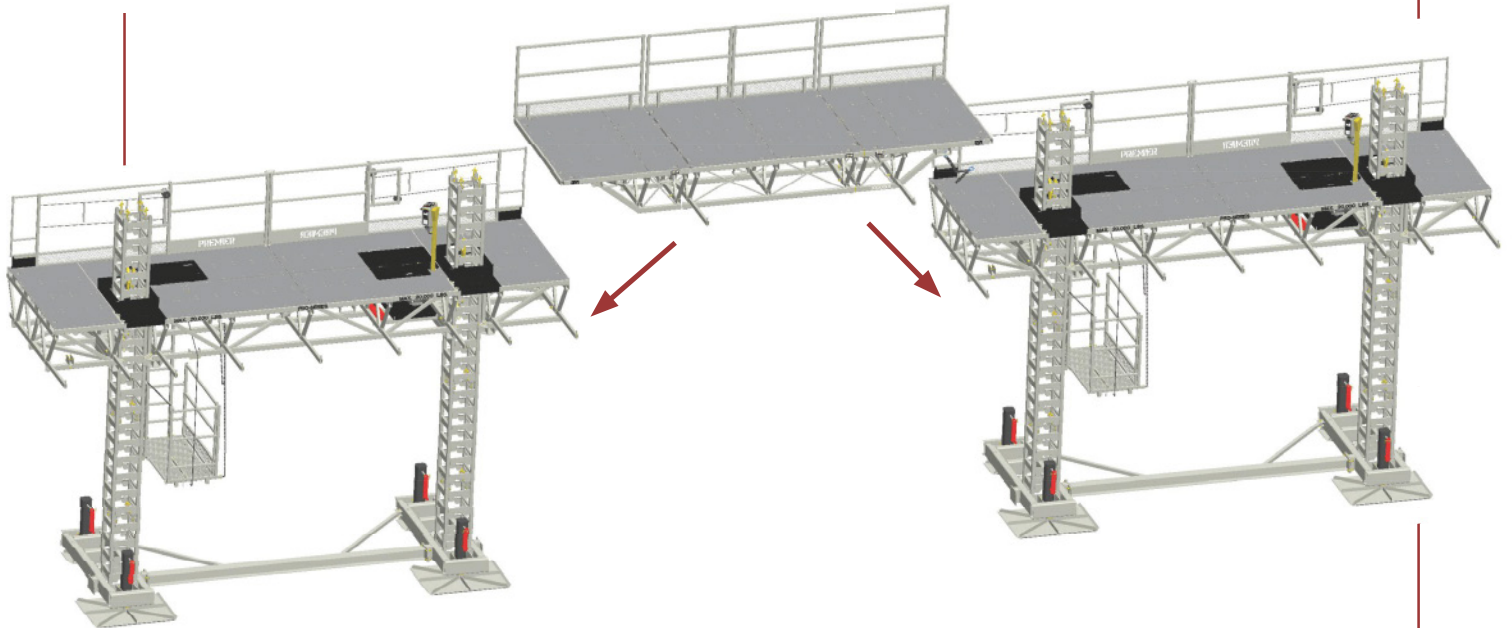
### CANTILEVER MODE

Cantilever bridges are mounted to the Pro Series unit, using the Pro Bar System for a width up to 64 ft.



### BEARING MODE

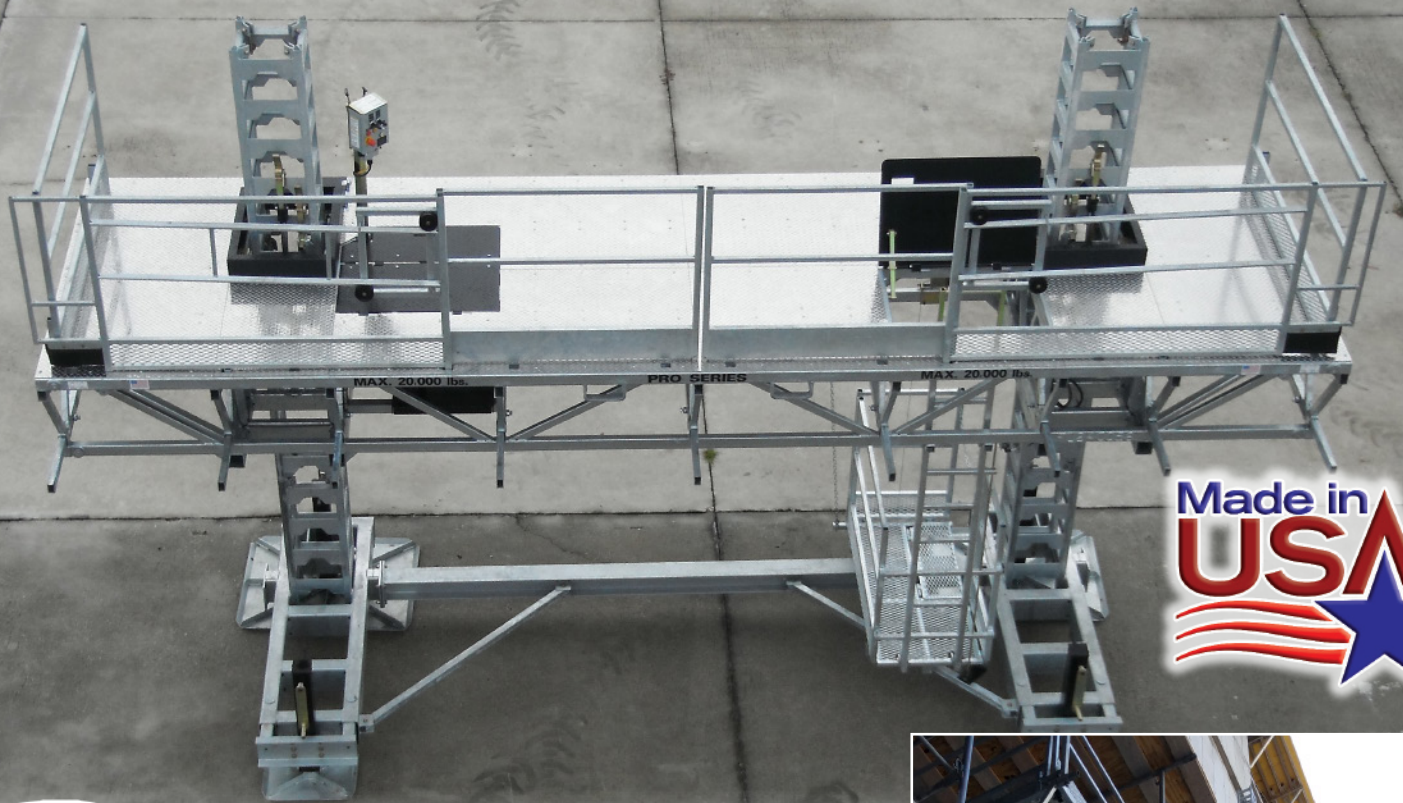
Bearing bridges are pre assembled and laid out over the ends of two Pro Series units, either in a straight line or by forming an angle with the power units.



## Pro Series 24' Power Unit Specs

- Platform Dimension 7' x 24'
- Tower Height Up to 250' nominal
- Travel Speed 5' per minute
- 13 hp Honda gas-electric start
- Load Capacity 20,000 lbs.
- Free Standing 35'
- Tower 16"x 16" x 60" - 240lbs.





# ProSeries



*Various photos showing the ProSeries 24' in use with different configurations.*

*The 4 photos at bottom shows SAM the masonry laying robot working on the ProSeries 24' unit.*





# ProSeries - 16'

## Hydraulic Mast-Climbing Systems



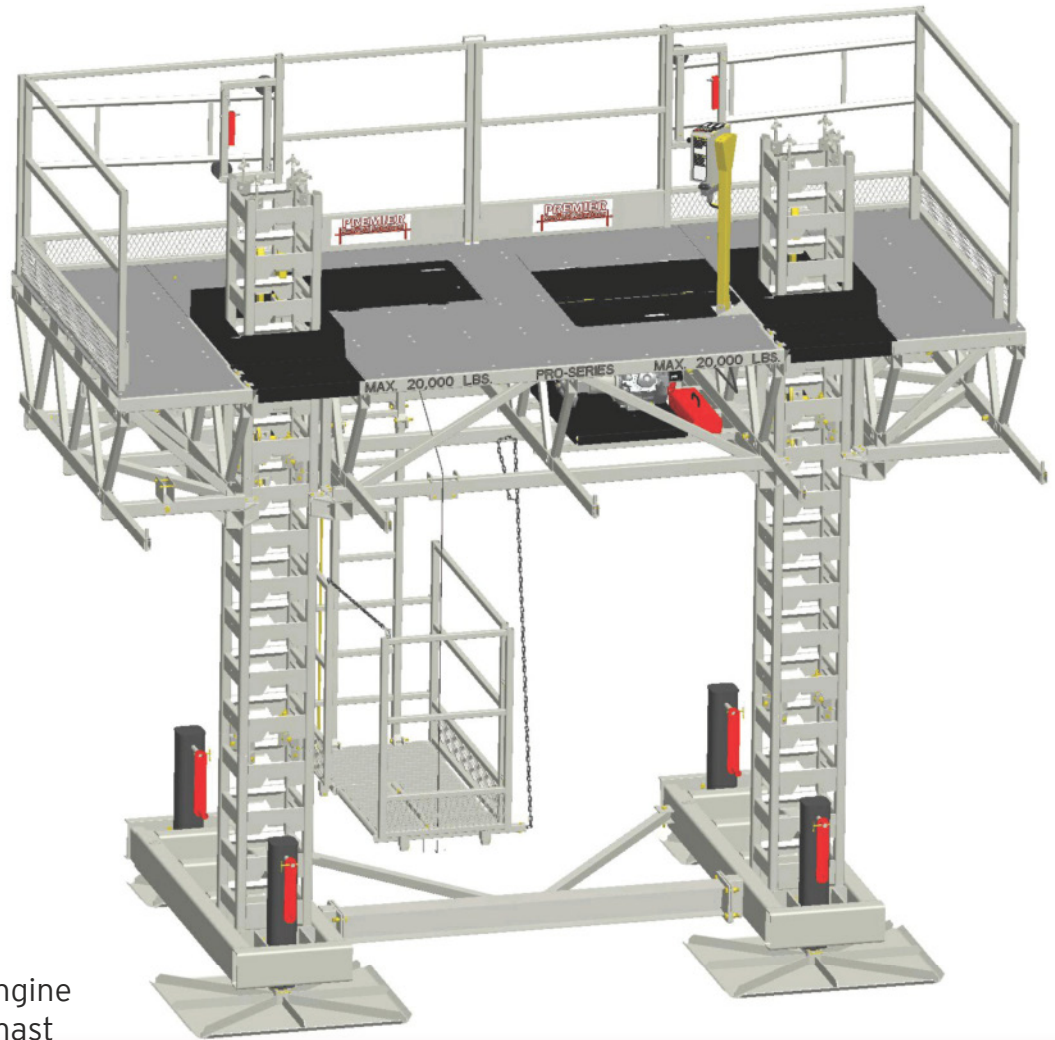
Galvanized Power unit



Climbable tower



Power unit in transit



### Power Unit

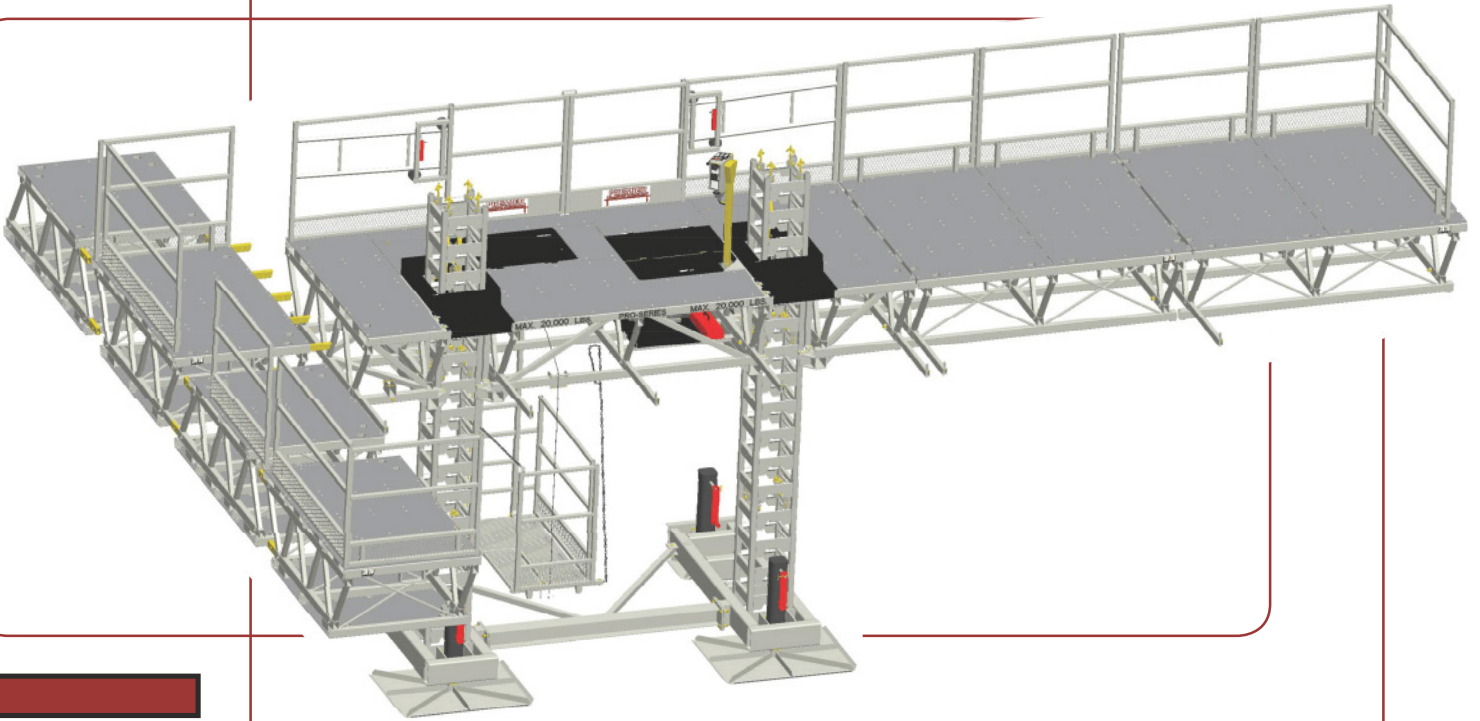
- Fully galvanized frame
- Retractable walkway
- 20,000 lb. capacity
- 13 HP electric start Honda engine
- OSHA compliant climbable mast

The Pro Series consists of work platform sections interlocked with a Pro Bar System and constructed of tube steel trusses supported on two steel tower masts. The towers are assembled from 16 in. x 16 in. x 60 in. sections that are bolted together. They are supported on a base, which has four jacks.

The Pro Series work platforms may be used in a freestanding configuration or in a "tied" mast configuration. The maximum free standing height is 25 ft. In the tied mast configuration, stiff arms are installed between the tower mast and the building structure every 20 ft. In this configuration, the maximum tower height is 250 ft. nominal. The allowable uniform load for the Pro Series is 20,000 lbs.

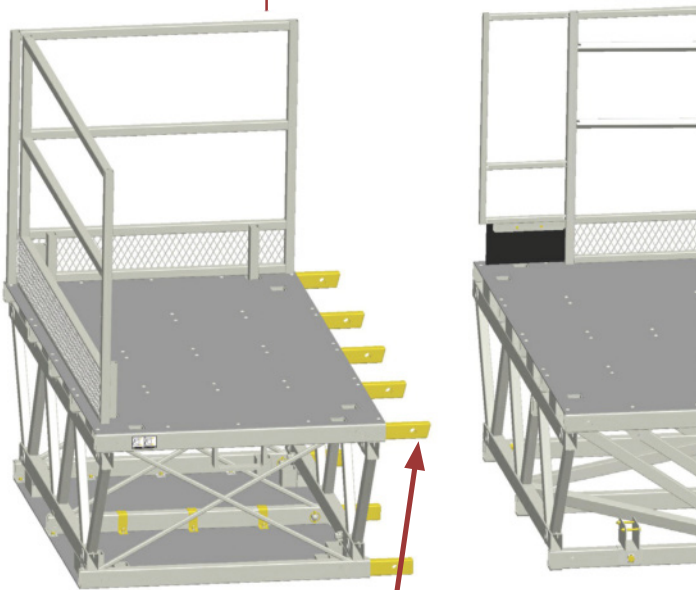
The ProSeries has many advantages, one of the greatest advantages is modular bridging. The ProSeries uses 8', 6' and 4' bridge lengths to be used in cantilever mode and bearing mode. The versatile 4 ft. bridge can be used in cantilever mode, bearing mode or as a forward extension. Cantilever bridges are mounted to the ProSeries unit, using the Pro Bar system for a width up to 44 ft. on a single unit. Use the pre assembled bearing in between the ends of two ProSeries units, either in a straight line or by forming an angle with the power units.

# Pro Series



## FORWARD EXTENSIONS

The versatile 4 ft. bridge can be used in cantilever mode, bearing mode or as a forward extension. As a forward extension, it can attach on the end of the Pro Series unit or in the middle.



Pro Bar System

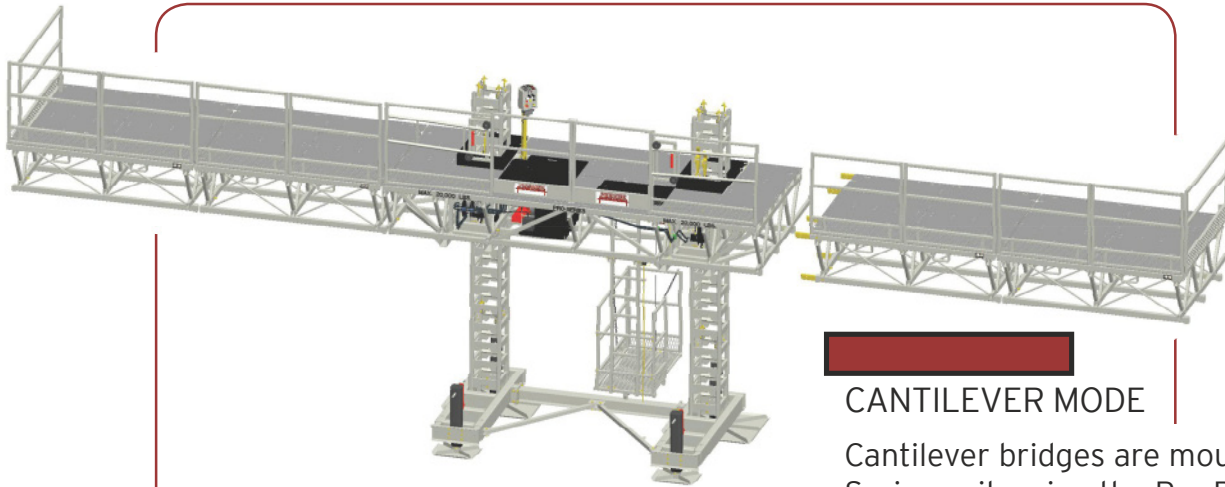


## PRO BAR SYSTEM FOR BRIDGE APPLICATIONS

Pro Bars connect most Pro Series' components and accessories. A zinc plated rectangular tube with three holes and one angular cut, this innovative connecting device allows components to be connected without sagging.

All of our components connect with ease requiring no more than a clevis pin to secure them to each other. No special tools required.



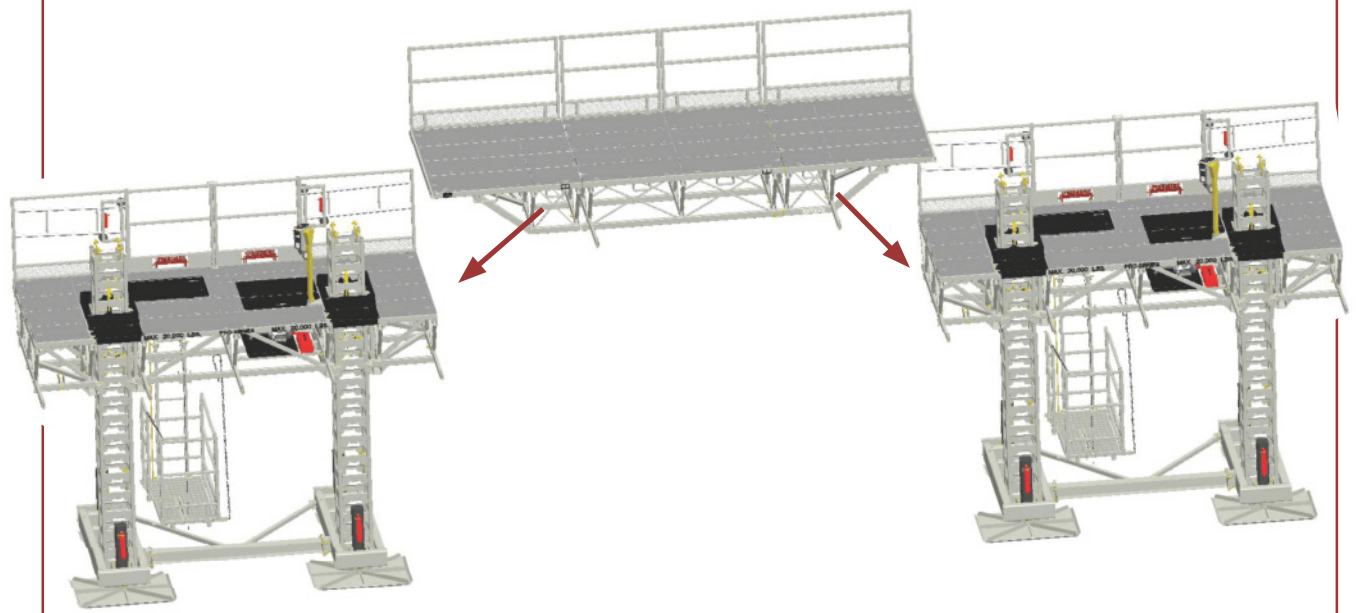


### CANTILEVER MODE

Cantilever bridges are mounted to the Pro Series unit, using the Pro Bar System for a width up to 44 ft.

### BEARING MODE

Bearing bridges are pre assembled and laid out over the ends of two Pro Series units, either in a straight line or by forming an angle with the power units.



## Pro Series 16' Power Unit Specs

- Platform Dimension 7' x 16'
- Tower Height Up to 250' nominal
- Travel Speed 5' per minute
- 13 hp Honda gas-electric start
- Load Capacity 20,000 lbs.
- Free Standing 25'
- Tower 16" x 16" x 60" - 240lbs.

# ProSeries Bridge Adapter

Connect ProSeries Bridges to other manufacturer's bridges without sacrificing capacities.



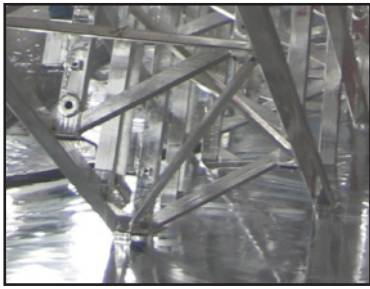
## features +

- Connects ProSeries Bridges to other manufacturer's bridges without sacrificing capacities.
- Connect your old equipment to ProSeries equipment.
- Used with Pro Bar connections and Bolt & Plate connections.
- 2 ft. wide
- Galvanized Steel Frame
- Aluminum Decking



*ProSeries Bridge Adapter (on left) connected to other manufacturer's equipment.*





Galvanized Power unit



Power unit in action

# MPU

## Hydraulic Mast-Climbing Systems

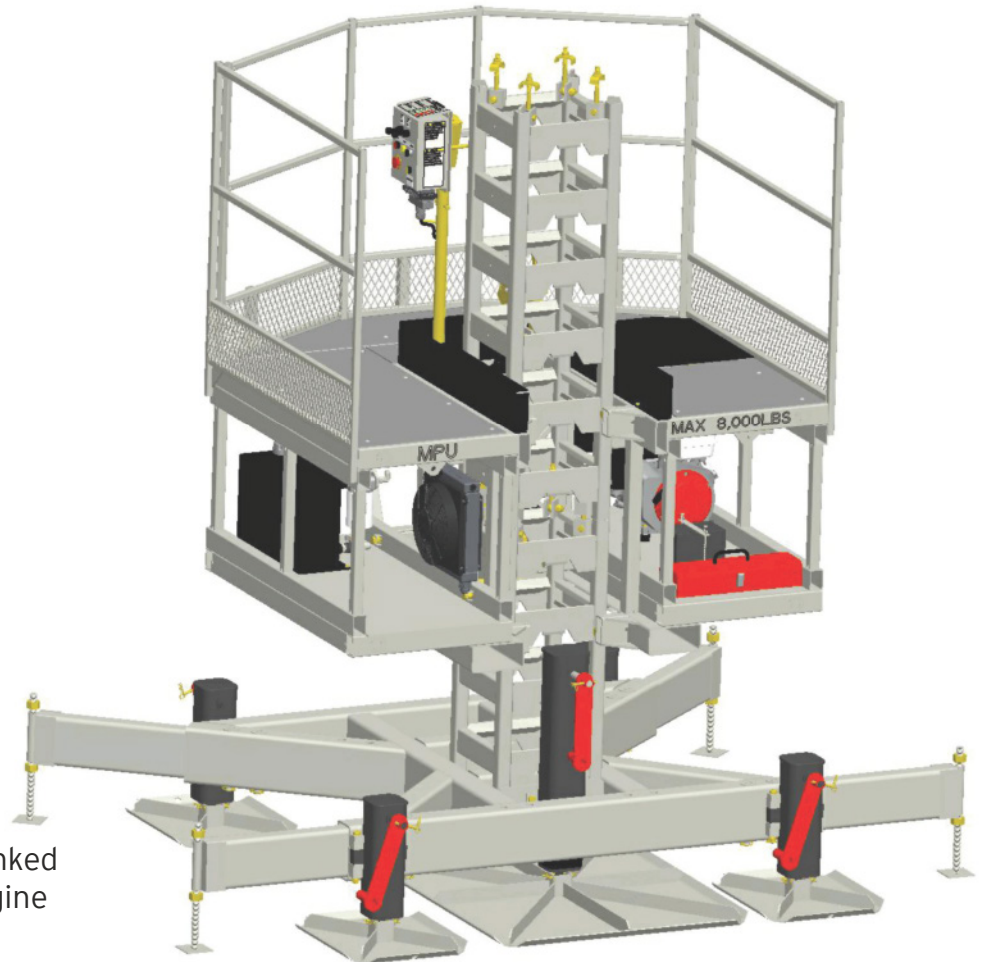
### MPU can be used for the following:

- Restoration
- Stucco and efis
- Light and heavy masonry
- Multi trades
- Windows
- Guardrail applications for roofing



### Power Unit

- Fully galvanized frame
- 8,000 lb capacity/16,000 lb linked
- 13 HP electric start Honda engine
- Electric emergency decent
- 11' per minute travel speed

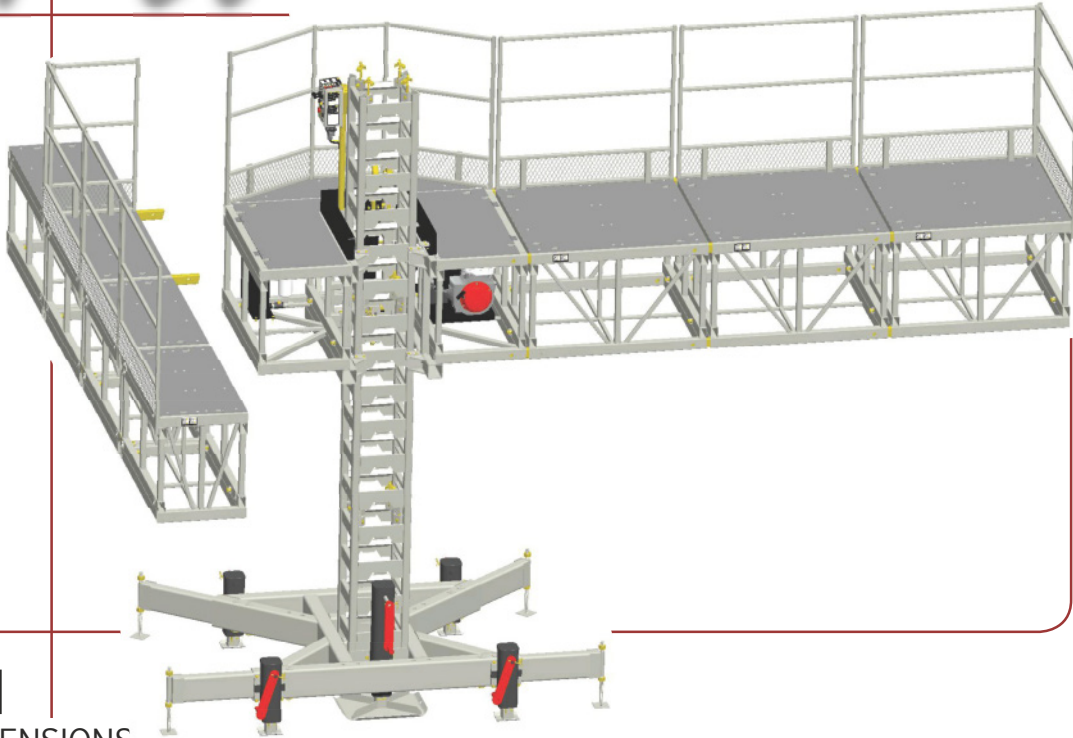


The MPU consists of work platform sections interlocked with a Pro Bar System and constructed of tube steel trusses supported on a steel tower mast. The towers are assembled from 16 in. x 16 in. x 60 in. sections that are bolted together. They are supported on a base, which has a main jack and 4 support leveling jacks.

The MPU work platforms may be used in a freestanding configuration or in a "tied" mast configuration. The maximum free standing height is 25 ft. In the tied mast configuration, stiff arms are installed between the tower mast and the building structure every 20 ft. In this configuration, the maximum tower height is 250 ft. nominal. The allowable uniform load for the MPU is 8,000 lbs.

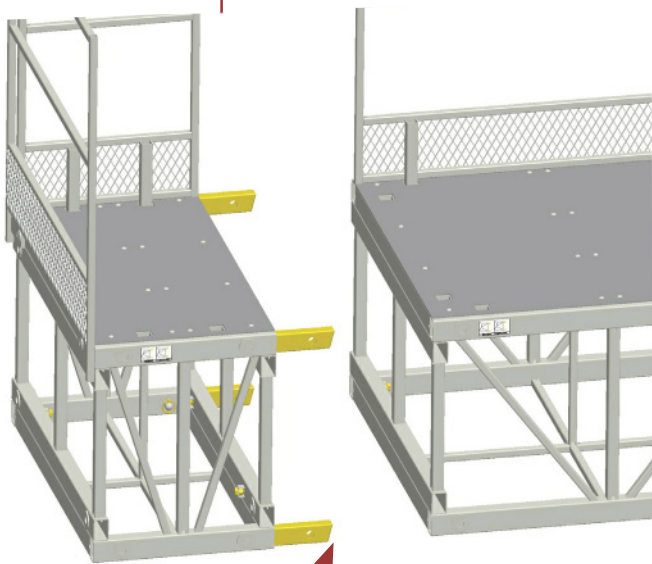
The MPU has many advantages, one of the greatest advantages is the ability to link 2 units and control them as one from a single control box. in a linked setup the MPU can lift up to 16,000lb. The MPU uses 2' and 4' bridge lengths to be used in cantilever mode, bearing mode or as forward extensions. Cantilever bridges are mounted to the MPU, using the Pro Bar system for a width up to 30 ft. on a single unit. Use the pre assembled bearing bridges laid out over the ends of two MPUs for a width up to 89'. The versatile 2 ft. bridge can be used in cantilever mode, bearing mode or as a forward extension.

# MPU



## FORWARD EXTENSIONS

The versatile 2' bridge can be used in cantilever mode, bearing mode, or as a forward extension.



Pro Bar System

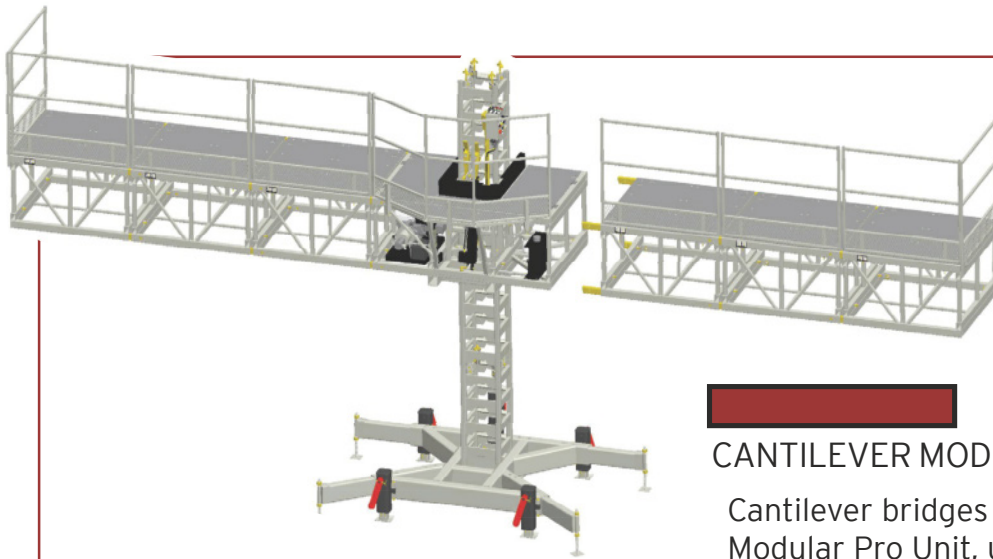


## PRO BAR SYSTEM FOR BRIDGE APPLICATIONS

Pro Bars connect most Modular Pro Unit components and accessories. a zinc plated rectangular tube with three holes and one angular cut, this innovative connecting device allows components to be connected without sagging.

All of our components connect with ease requiring no more than a clevis pin to secure them to each other. No special tools required.



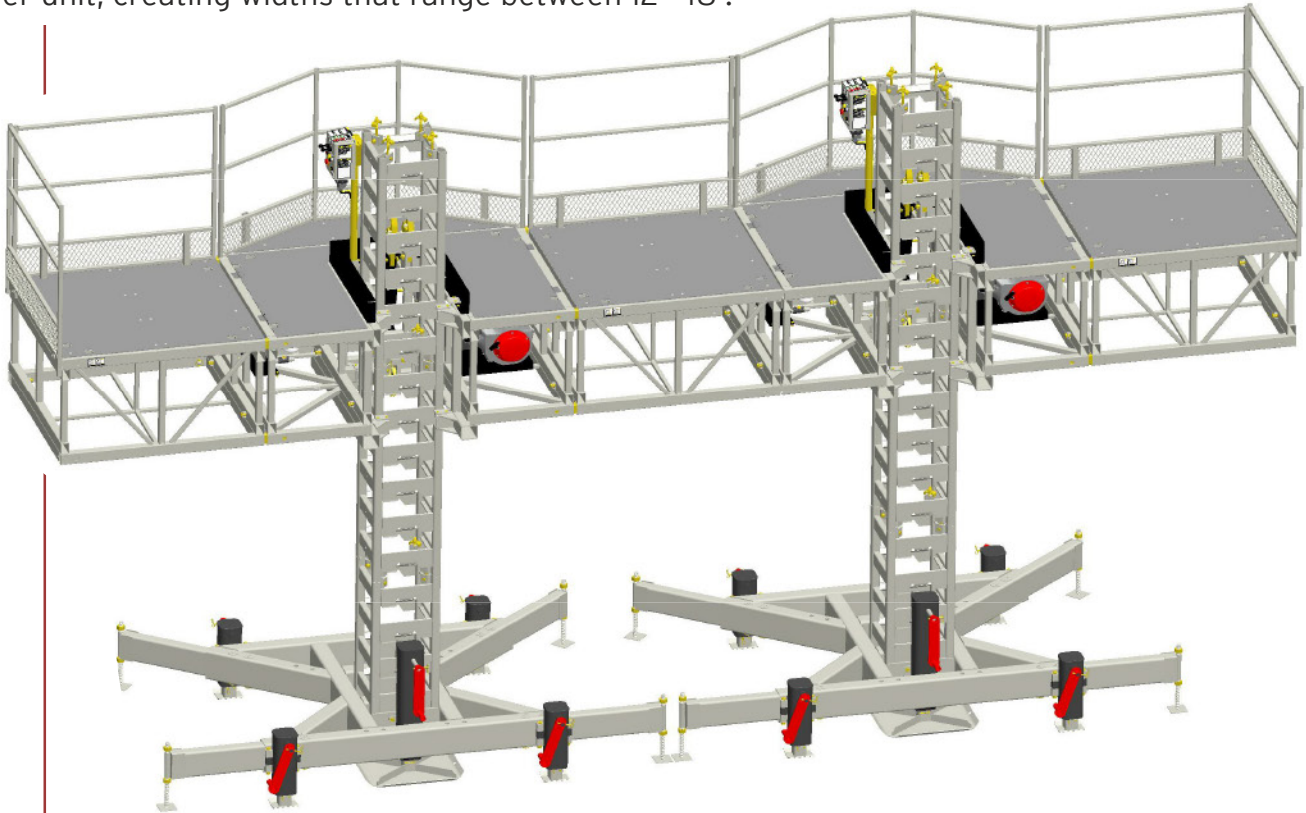


### CANTILEVER MODE

Cantilever bridges are mounted to the Modular Pro Unit, using the Pro Bar System for a width up to 30 ft.

### LINKED MODE

Two Modular Pro Units can be linked together and operated as one power unit, creating widths that range between 12'-48'.



## MPU Power Unit Specs

- Platform Dimension 4' x 6'
- Tower Height Up to 250' nominal
- Travel Speed 11' per minute
- 13 hp Honda gas-electric start
- Load Capacity 8000 lbs./16000 lbs. linked
- Free Standing 25'
- Tower 16" x 16" x 60" - 240lbs.





*MPU*

Made in  
**USA**  
★



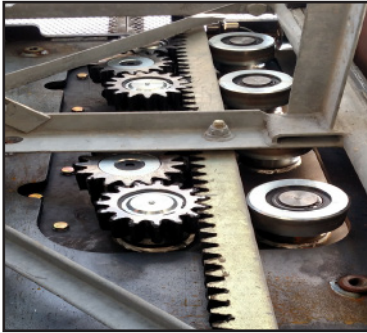


# ELECTRIC/GAS PRO UNIT

Electric or Gas powered Mast-Climbing System



Galvanized Power unit



Rack and Pinion Drive

## EPU can be used for the following:

Restoration  
Stucco and efis  
Light and heavy masonry  
Multi trades  
Windows  
Guardrail applications for roofing

## Power Unit

- Fully galvanized frame
- 11,000 lb capacity
- Dual electric or gas powered hydraulic motors
- Emergency descent feature
- 27' per minute travel speed
- 50' max single unit setup



The EPU/GPU consists of work platform sections interlocked with a Pro Bar System and constructed of tube steel trusses supported on a steel tower mast. The towers are assembled from 28.5" x 28.5" x 60" sections that are bolted together. They are supported on a base, which has a main jack and 4 support leveling jacks.

The EPU/GPU work platforms are used in a "tied" mast configuration. Stiff arms are installed between the tower mast and the building structures every 20' unless the unit can be pre-installed, then it is ok to tie every 30'. In this configuration, the maximum tower height is 250' nominal. The allowable uniform load for the EPU/GPU is 11,000 lbs.

One single EPU/GPU mast climber can be configured with any combination of bridges up to 50' lateral span. The frame is fully galvanized with dual electric motors or a gas powered hydraulic motor and an emergency descent feature. The control panel is very user friendly with a simple design and easy operation controls. The EPU/GPU has a travel speed of 27' per minute with its rack and pinion climbing system.

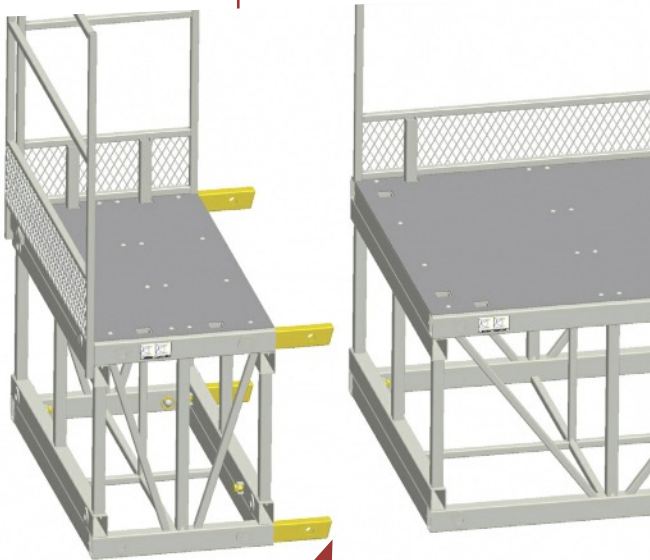
The EPU/GPU's bridges come in 2 ft., 3 ft., 4 ft., and 8 ft. sections. The 2' bridge has the ability to be used to forward extend. The Pro Bar is a zinc plated rectangular tube with 3 holes and one angular cut, this innovative connecting device allows components to be connected without sagging. All of the bridging connects with ease requiring no more than clevis pin to secure them to each other. No special tools required. The EPU/GPU bridging is also 100% compatible with the MPU power unit.

# EPU/GPU



## FORWARD EXTENSIONS

The versatile 2' bridge can be used in cantilever mode, or as a forward extension.



Pro Bar System

## PRO BAR SYSTEM FOR BRIDGE APPLICATIONS

Pro Bars connect most EPU/GPU components and accessories. A zinc plated rectangular tube with three holes and one angular cut, this innovative connecting device allows components to be connected without sagging.

All of our components connect with ease requiring no more than a clevis pin to secure them to each other. No special tools required.



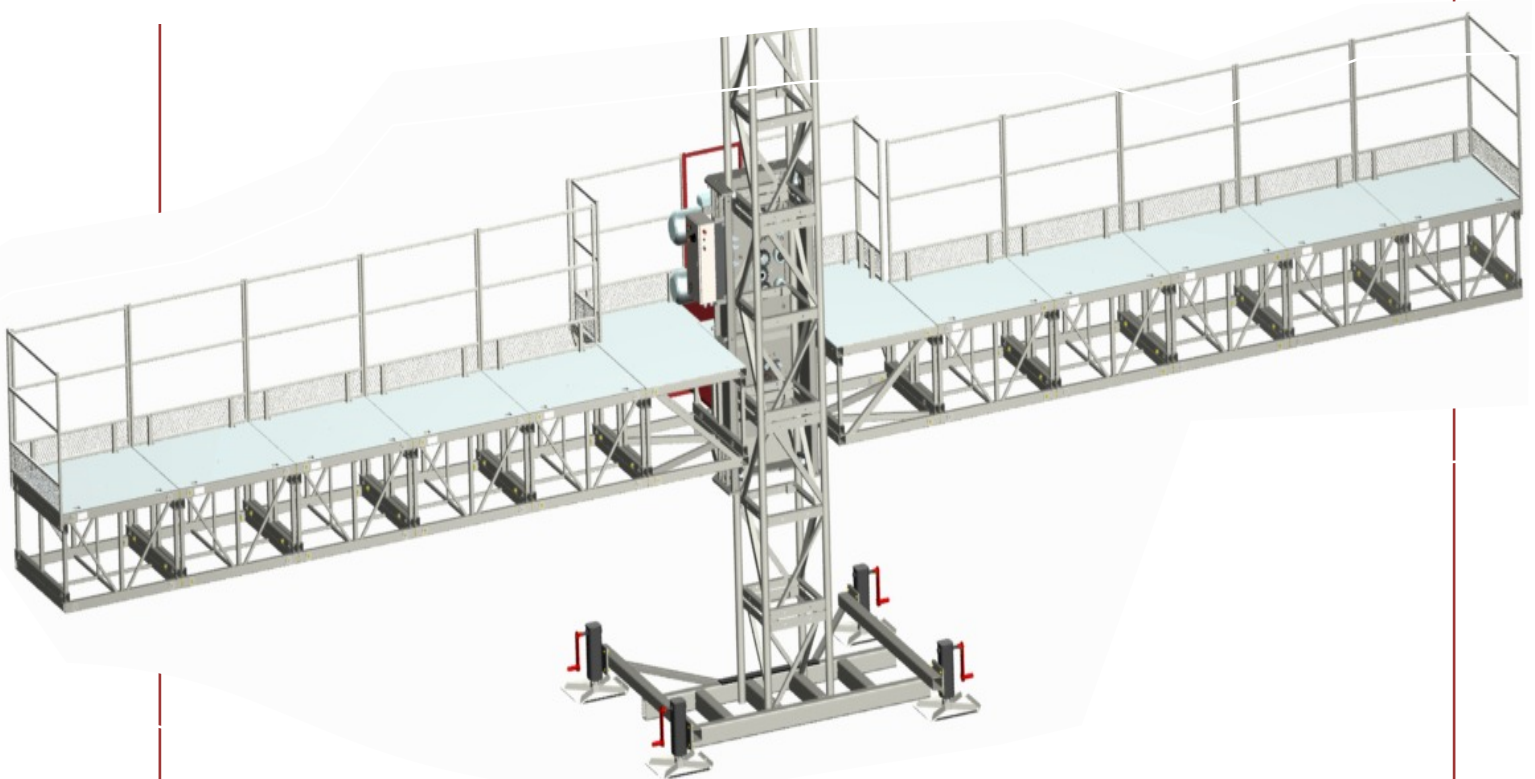


Built in dual  
110 outlet box.

Control Panel  
Easy operation  
user friendly  
simple design.

### Cantilever Mode

One single mast climber unit can be configured with any combination of bridges up to 50' lateral span.



## EPU Power Unit Specs

- Platform Dimension 4' x 6'
- Tower Height Up to 250' nominal
- Tower 28.5" x 28.5" x 60"
- Load Capacity 8000 lbs./16000 lbs. linked
- Travel Speed 11' per minute
- 13 hp Honda gas-electric start





***EPU/GPU***





## Transport Platform

- 3,300 lb/ 7 Passenger capacity
- 40-80 ft/min
- 492 ft. Max height
- 4.5"x12.5"x3.5" cabin size
- 400 V-60 Hz 3-Phase
- 5' square tower sections
- 20' Tie spacing
- Rear and double door side access
- Drop down building entry ramp



EQUIPMENT INC.

\*Largest U.S. Rental house of  
CAMAC ECP-1500 Transport platforms



# Distributors:



**RENTAL  
SALES  
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EQUIPMENT INC.

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Texas Office  
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Grand Prairie, TX 75050  
214-352-8995

Corporate Office  
6677 Broughton Ave  
Columbus, OH 43213  
800-827-6846

Florida Office  
2591 W Orange Blossom Trail  
Apopka, FL 32712  
407-814-9214

## Rental • Sales • Service Lines

Mast-Climbing Equipment  
Transport Platforms  
Material Handling Forklifts  
Scaffolding (Tube System)  
Crank up Scaffolding  
EZ Grout Products  
Mixers  
Winter Protection Supplies  
Trash Chutes  
Erection and Dismantling Services  
Mast Climbing/Forklift Certification Training

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# **PREMIER**

## **Scaffold Solutions**

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Somerset, Ohio 43213  
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