

# Increase the load, decrease the cost

HEAVY DUTY POST SHORE



# More support, less equipment

**The new Aluma Systems Heavy Duty Post Shore is the right prop at the right price.**

Engineered to meet the ever-increasing demands in the construction industry for safety, strength, durability and speed, the Heavy Duty Post Shore has almost twice the load capacity of most standard post shores available in North America. You need only half the number of Aluma Systems post shores to get the job done.

Cost-effective and durable, the Heavy Duty Post shore is a versatile piece of shoring equipment with a load capacity of 14,000 lbs. (62 kN) at a height of 8 ft. (2.43 m). It saves on equipment, transportation and labor costs.

*High load capacity of 14,000 lbs. (62 kN) at  
8 ft. (2.43 m)*

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*Captive design means less maintenance,  
loss and damage*

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*Optional galvanized tripod makes the  
erection process faster and easier.*

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# Durable and easy to use

## High-strength steel construction

To ensure maximum strength and reduce costs, our post shore is manufactured from hot-dipped galvanized steel – a more durable and corrosion-resistant material than pre-galvanized steel or wooden post shores. At 53 lbs. (24 kg) the post shore is still lightweight enough to be easily placed and removed by a single worker. And, unlike aluminum, the all-steel construction makes it less likely to be stolen from the work site.

## Drift pin engineered for ease and speed

The drift pin can be released with a single hammer blow, automatically lowering the prop by 3/8 in. (9.5 mm). Removal has never been faster or easier. And the integrated pin retainer means that it can never be lost or misplaced. In fact, all post shore components are interlocked so that workers don't waste valuable time sorting or searching for parts. The L-shaped handle provides easier fine adjustment of the prop.



High load capacity of 14,000 lbs. (62 kN) at 8 ft. (2.43 m) for shoring applications.

Totally captive design so no loose components are lost or misplaced

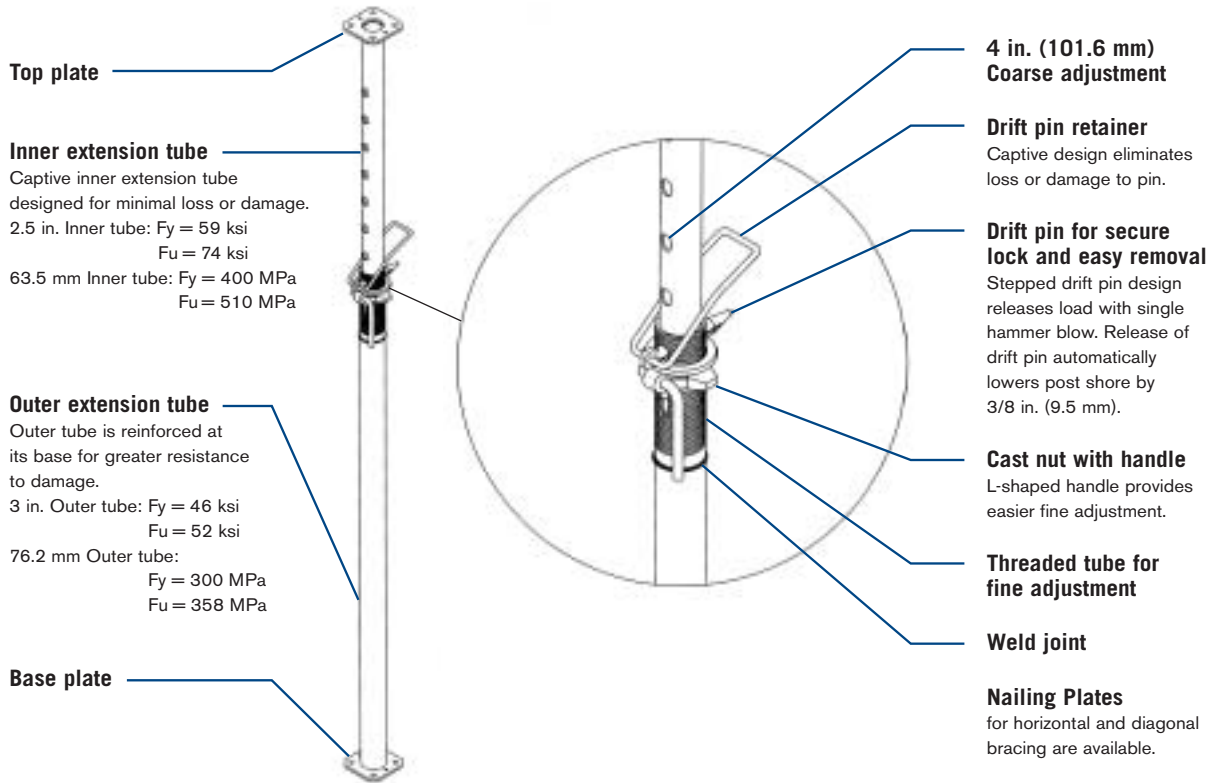
Hot-dipped galvanized steel for increased strength and durability

Versatile enough for use in many different applications, including shoring in difficult-to-reach areas, reshoring, back shoring, renovations, retrofitting and any new construction requiring use of strong vertical supports

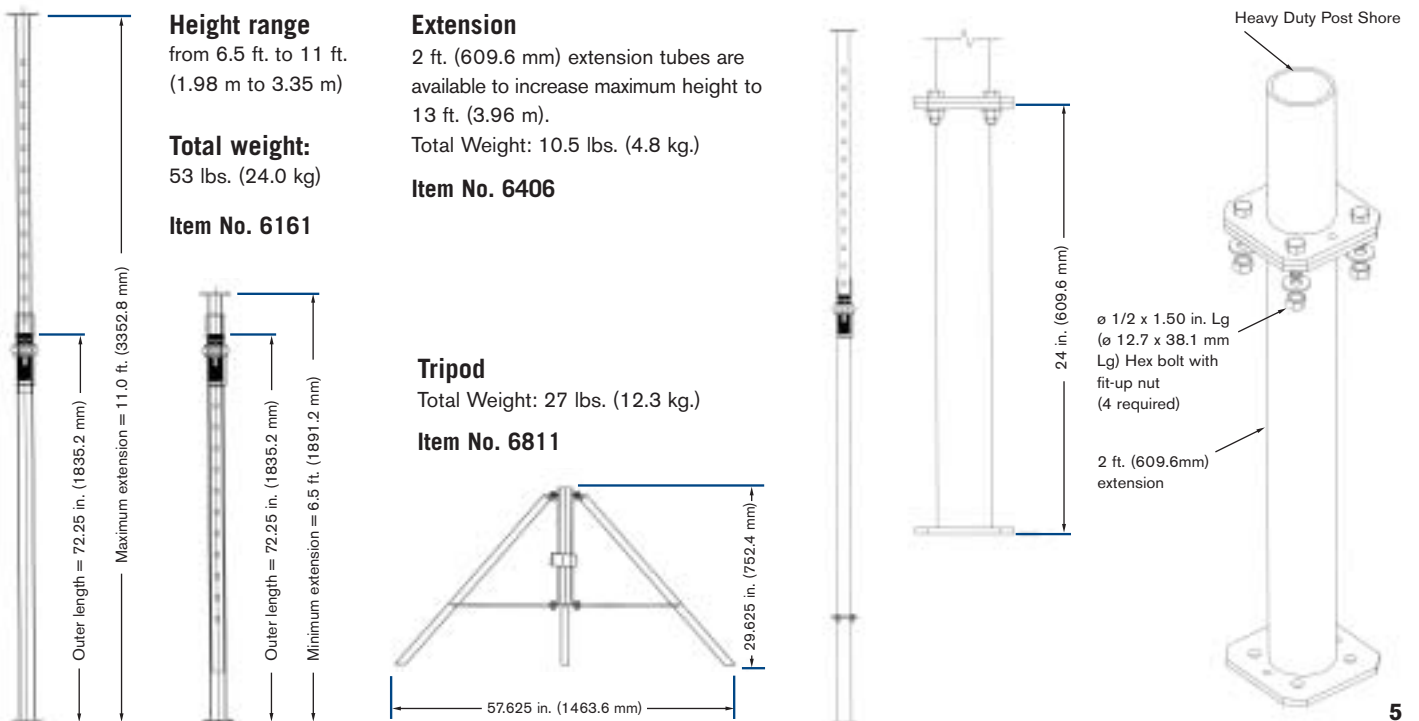
Outer tube reinforced at base for greater resistance to damage

# Technical specifications

## Features



## Measurements



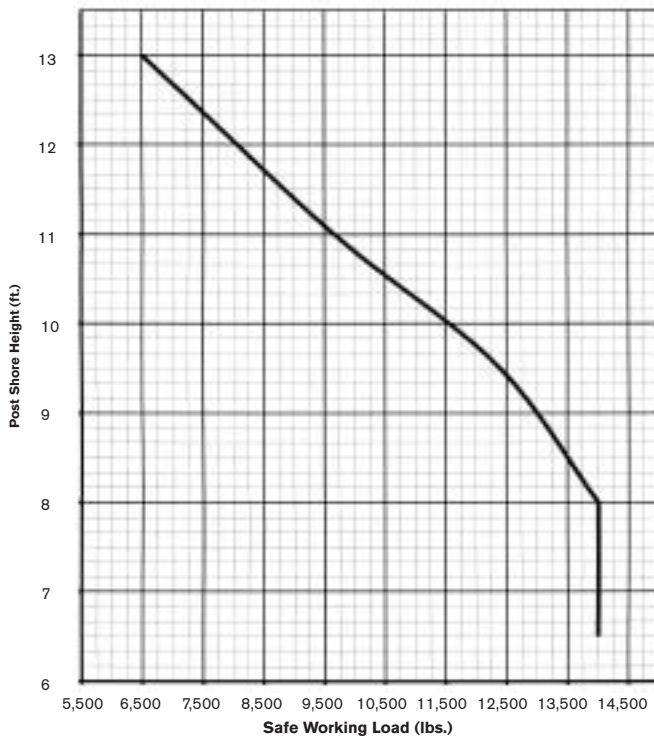
# The high-capacity choice in post shores

The Aluma Systems Heavy Duty Post Shore provides a higher load capacity than most standard North American post shores. Our post shore is engineered to deliver the required level of support for most shoring applications.

## Load capacity for shoring applications

### Imperial

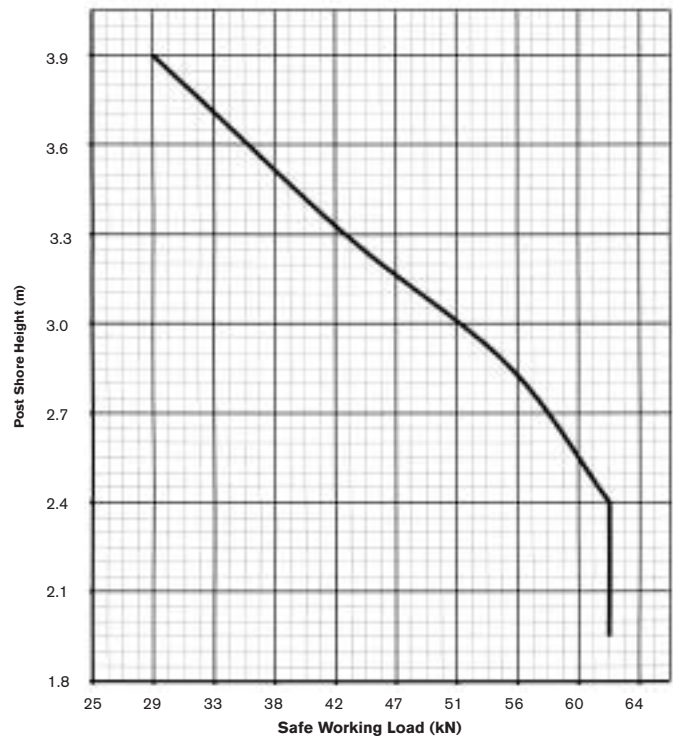
Based on a 3:1 factor of safety



Note: For post shore heights greater than 11 ft., the 2 ft. extension must be used.

### Metric

Based on a 3:1 factor of safety



Note: For post shore heights greater than 3.3 m, the 0.6 m extension must be used.

Note: Allowable working loads may vary depending on required safety factors in accordance with local regulations.

*This information is subject to change. It is intended to be used by technically skilled designers, knowledgeable in the field, and is to be used with other data.*

# Guidelines for a safe workplace

Aluma Systems is committed to creating a safe work environment. The responsible use of our products ensures both worker safety and job efficiency. Please observe the following safety procedures when using Aluma Systems Heavy Duty Post Shores. These guidelines are not intended to be all inclusive, or supersede the requirements of law or governmental regulations. Additional safety and precautionary measures may be required.

- The bearing ring (if applicable) must always be placed between the drift pin and cast nut.
- Remove the shore from service if it is damaged in any way or has any parts missing.
- The load must be released by striking the drift pin before attempting to turn the cast nut.
- Ensure that the shore is plumb before load is applied.

## Safety requirements for shoring concrete formwork

Scaffolding, Shoring and Forming Institute Inc. recommends the following guidelines:

- When checking erected single post shores with the shoring layout, ensure that the spacing between shores in either direction does not exceed that shown on the layout, and that all clamps, screws, pins and other components are in the closed or engaged position.
- For stability, single post shores shall have adequate bracing provided in both the longitudinal and transverse directions, and adequate diagonal bracing shall be provided.
- Devices to which the external lateral stability bracing is attached shall be securely fastened to the single post shores.
- All base plates or shore heads of single post shores shall be in firm contact with the footing sill and form material.
- Eccentric loads on shore heads shall be prohibited, unless the post shore is designed to accommodate such loads.
- Special precautions shall be taken when formwork is at angles or sloping relative to the post shore stringers.
- When post shores rest on a sloping surface, they shall be braced to compensate for the lateral forces involved.
- Adjustment of single post shores to raise formwork shall not be made after concrete is in place.

Specifications of products and equipment shown are subject to change without notice.

## Quality products, excellent service

A construction technology pioneer, Aluma Systems has been delivering safe, smart and efficient solutions to the construction industry for more than 30 years.

In addition to the Heavy Duty Post Shore, Aluma Systems provides a comprehensive array of products and services for your forming, shoring and scaffolding needs.



If you would like further information about our concrete construction or industrial services, please contact the office nearest you and speak with one of our sales people.

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