



Aluma Systems: Building More Than Skylines. Building Trust.



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COMPONENTS AND ACCESSORIES

Aluma Systems' rigorous quality control standards and detailed maintenance programs guarantee products delivered in optimum working order. Our distribution network and advanced tracking systems ensure an uninterrupted flow of both equipment and services.

Creative engineering expertise is a superior value-added service that sets Aluma apart from the rest. Our engineers can produce efficiency-enhancing design drawings for each job, and can design custom elements like mobile carts, which allow a contractor to strip, move and erect a pour with minimum labor and time.

With one of the largest inventories in North America our customers know that Aluma Systems can supply their largest and most complicated projects without delay.

Versatility, strength and dependability: Aluma's Hi-Load Shoring System has been a trusted industry standard for more than three decades. With high-tech quality control, superior customer service and leading-edge design support standing behind our huge fleet of equipment, this system continues to exceed customer expectations.

Consult our Engineering Department for assistance in the application of these accessories. Illustrations and photos are not to scale. All dimensions nominal.

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Hi-Load
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Hi-Load Shoring System: Time-Tested Technology Backed by the Aluma Advantage.

Introduction

The Hi-Load shoring system is a versatile, robust system that has met the concrete construction industry's most demanding shoring requirements for more than 30 years.

This reliable steel shoring system is backed by trusted engineering, high quality-control standards, superior customer service, and the largest fleet of equipment in North America. The advantage for Aluma Systems' customers is unmatched efficiency and lower costs.

The Hi-Load's frame widths make it the system of choice for buildings that require forming around a large number of beams and column drops.



* **Note:** Equipment shown is for demonstration purposes only

Safe

- Easily adapted to meet most height and load combinations
- Frame widths makes it easier to form around beams and column drops
- Able to meet contractors ever-changing shoring needs

Smart

- Designed by our award-winning engineering team
- Aluma's high quality and detailed maintenance programs guarantee product delivered in optimum working order.
- Trusted for over three decades

Efficient

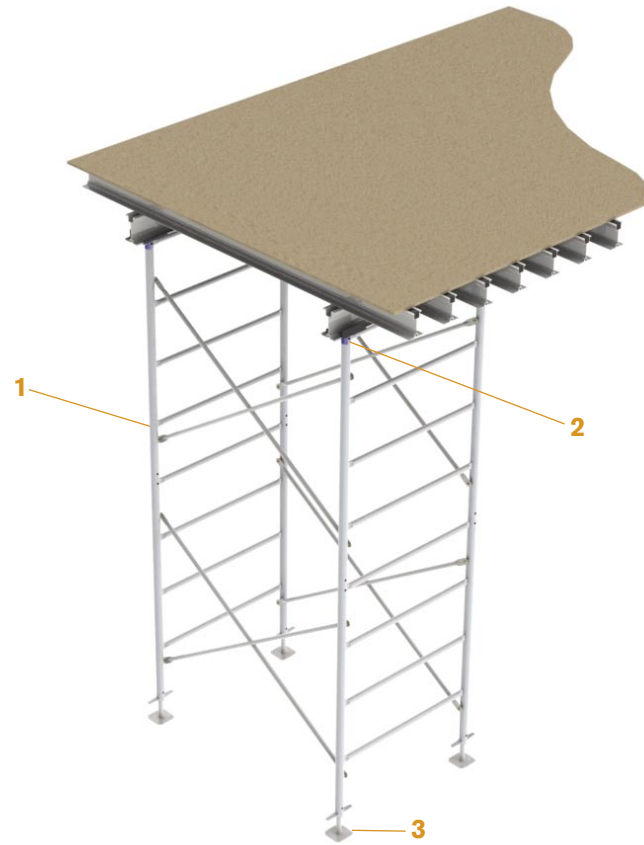
- Allows large mobile tables to be easily assembled
- Maximum flexibility to meet any job condition
- Using proper equipment, there is a vertical adjustment of seven feet

Simplicity, Flexibility and High Performance

With a capacity of 10,000 lbs/Leg (44.5kN/Leg), Hi-Load is a robust, low maintenance system that's not susceptible to damage due to rough handling, a factor that minimizes the potential for incurring damage costs.

This flexible system is easily adapted to suit most height and load combinations and shoring applications. It comes with a comprehensive range of braces and height-adjustment accessories, and works well with other exceptional Aluma products including Aluma Beam®, Aluma Stringer, Aluma Frame® and the Heavy Duty Post Shore.

By using screws and shore staffs with shore attachments, in special conditions contractor can easily adapt to variable floor heights without rebuilding towers.



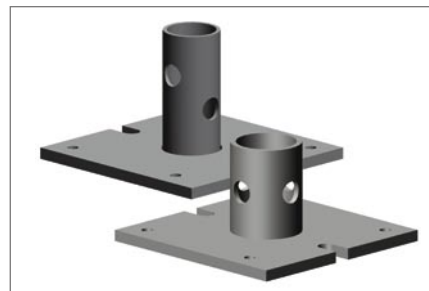
1. Hi-Load Frames

Base Frames are available in 2' (0.6m) and 4' (1.2m) widths with three height sizes 4' (1.2m), 5' (1.5m) and 6' (1.8m). Ledger-Bearing Frames are available in 4' (1.2m) widths with two height sizes 5' (1.5m) and 6' (1.8m). The top horizontal member on these frames can be used as a ledger bearing member where Aluma Beams® can be attached via clamps.



2. J-head and U-head

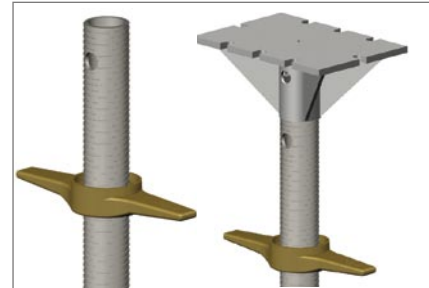
The 5" x 8" (0.1 x 0.2m) J-head and 8" x 8" (0.2 x 0.2m) U-heads are interchangeable. Both heads have collars that fit over Screwjacks and Shore Staffs.



3. Frame & Screw Base Plates

The Frame Base Plate is 8"x 8" (0.2 x 0.2m) and fits inside a Hi-Load frame leg. The Screw Base Plate is 8"x 8" (0.2 x 0.2m). This plate fits outside the Screwjack.

Core Components



Screwjacks

Screwjacks allow for a 24" (0.61m) adjustment. Universal screwjacks can be used with the Hi-Load Shoring System.



Shore Staffs

Shore Staff can be used as an inner member of the frame leg for heights up to 11'11" (3.6m). 7' (2.1m) Shore Staffs also can be used as an inner member of the frame leg for heights up to 13'1" (4m).



Shore Attachments

Used over the top of the frame leg so that the Shore Staffs may be used with the frame for fine adjustments. Note, can be used with shore staff's but shore staff's can also be used hard pinned in frame with cone head pin (from speed set casting).



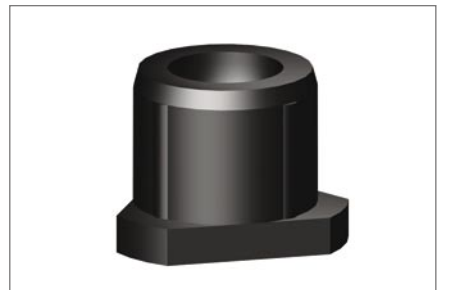
Universal Connector

Used as a connector when stacking frames.



Swivel Clamp

Hi-Load Swivel Clamp connects frame legs and 1.9" (48mm) O.D. Tube.



Hi-Load Adaptor

Adapts Universal Screwjack for use in Hi-Load frames.



Saddle Beam

Facilitates the supporting of poured in place drop beams within the frame, leaving the extension staff free to pick up the slab.



Bar Brace

Used for close spacing of frames.



Double-Hole Angle Cross Brace

Available in 4' (1.2m), 6' (1.8m), 7' (2.1m), 8' (2.4m) and 10' (3m) sizes. Allows the same cross braces to be used on stud spacing of 3' (0.9m) and 4' (1.2m).