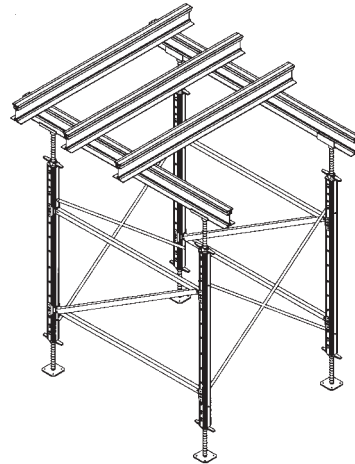


Aluma Frame® System

The shoring system that delivers high productivity and economy.

AlumaSystems

The Aluma Frame® System offers major savings over other shoring systems. Combining lightweight aluminum frames with steel accessories, this system offers unique benefits that include full compatibility with Aluma Systems' extensive range of aluminum beams.



Product Description

The Aluma Frame® shoring system is an industry leader in productivity benefits.

Productivity

The 6'0" (1.83m) wide frame promotes an open layout, providing easier movement for workers and larger shoring coverage per leg. Compared with traditional frames, the wider design of Aluma Frame® results in 50% fewer components to handle over a given shoring area.

Easy To Carry

The Aluma Shoring System is easy to carry because

each Aluma Frame® is constructed of lightweight aluminum and weighs only 42 lb. (19kg). One person can carry a frame with base plates, screw jacks and J-heads attached: there is no need to dismantle components.

Application Versatility

In higher shoring applications, the Aluma Frame® can be erected without a crane, saving staging time, equipment and erection labor.

The combination of multiple frame heights, screw jacks and extension staffs make reaching any height

easy to do and economical.

The Aluma Frame® is also used to create small flying tables in applications where the larger Aluma Truss Systems are not feasible.

The Aluma Frame® has gained widespread

acceptance as an outstanding performer in any shoring application.

The Aluma Frame® shoring system conforms to all shoring regulations, including CSA, CAL-OSHA AND ANSI.

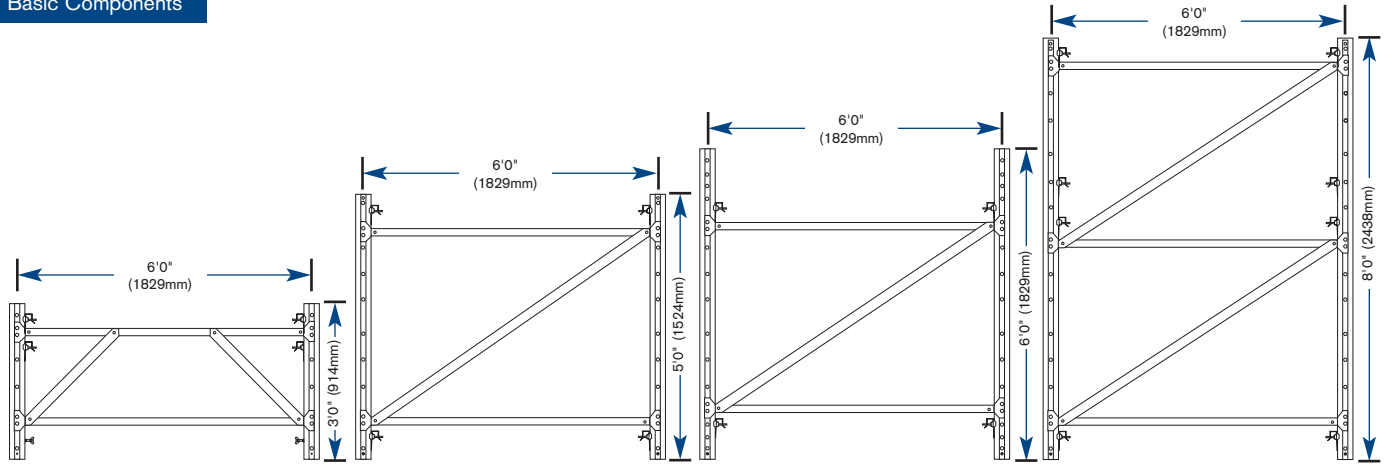
Features

- More than 50% stronger than a 20-kip (10-kip/leg) steel frame
- Frame legs can be unbolted and used as post shores.
- High strength steel accessories provide strength and durability
- Wider frames reduce the number of shoring frames needed.
- Compatible with Aluma Systems extensive range of Aluma Beams® and services.

Warning, Limitation of Aluma Systems Liability:

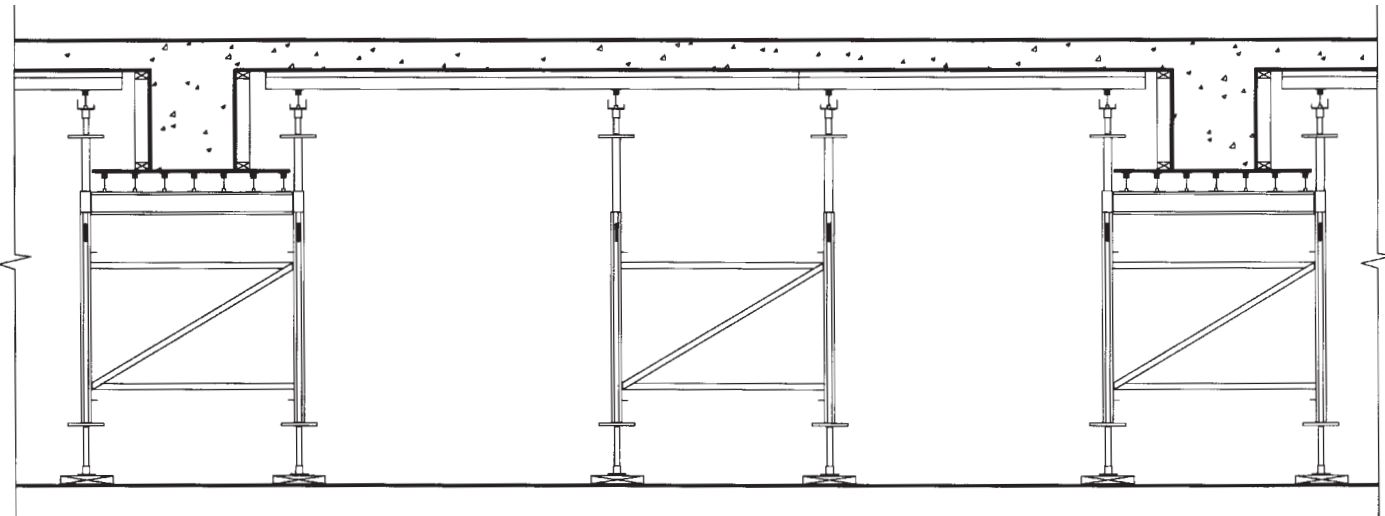
This bulletin is intended only for general information on the Aluma Frame®. This product is only to be used for the purpose for which it is intended and only per the load capacities as established by Aluma Systems. This product must not be used when damaged and must be in fully functional condition. This product must be inspected by the user before use and properly stored, maintained and repaired. This product must not be misused nor overloaded.

Basic Components



Aluma Frame® (Frame Combinations: To reach any height requirement)

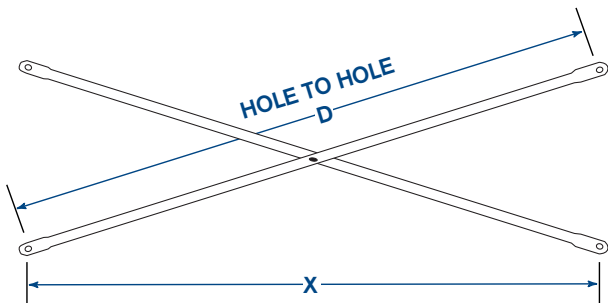
ITEM NO.	WEIGHT - LB. (KG)	ITEM NO.	WEIGHT - LB. (KG)	ITEM NO.	WEIGHT - LB. (KG)	ITEM NO.	WEIGHT - LB. (KG)
222	34 (15.44)	216	41 (18.61)	215	44 (19.98)	245	60 (27.2)



Aluma Frame® Saddle Beam System

DESCRIPTION

The saddle beam converts the Aluma Frame® into a ledger bearing frame. With this configuration, both beam and slabs can be supported from a single frame reducing the amount of equipment and labor required (must be used with extension staff #230).



Braces

For use with the Aluma Frame®

ITEM NO.	WEIGHT - LB. (KG)	NOMINAL SIZE	DIMENSION "X"	DIMENSION "D"	DESCRIPTION
2183	7.89 (3.58)	4'0" (1219mm)	45.91" (1166mm)	67.87" (1724mm)	Braces come in angular and tubular styles, both of which are designed for the Aluma Frame® System.
2184	8.9 (4.04)	5'0" (1524mm)	58.31" (1481mm)	76.85" (1952mm)	
2186	11.18 (5.07)	7'0" (2133mm)	82.79" (2103mm)	96.77" (2458mm)	
2189	14.88 (6.75)	10'0" (3048mm)	119.17" (3027mm)	129.21" (3282mm)	

Accessories

A complete line of accessories are available for the Aluma Frame®.



Strongback Saddle Beam

ITEM NO. WEIGHT - LB. (KG)
472 65 (29.5)
LENGTH
6'0"
(1829mm)



Stringer Saddle Beam

ITEM NO. WEIGHT - LB. (KG)
250 49 (22.2)
LENGTH
6'0"
(1829mm)



Extension Staff Connector

ITEM NO. WEIGHT - LB. (KG)
232 0.5 (0.23)



Bearing Cap

ITEM NO. WEIGHT - LB. (KG)
234 3.25 (1.48)
LENGTH
8.25"
(209mm)



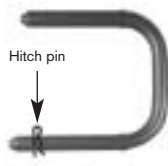
Interframe Connector

ITEM NO. WEIGHT - LB. (KG)
231 0.75 (0.34)
LENGTH
7.5"
(191mm)



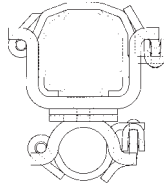
Screwjack retaining hook

ITEM NO. WEIGHT - LB. (KG)
247 1 (0.45)



Connector Pin

ITEM NO. WEIGHT - LB. (KG)
238 1 (0.45)
LENGTH
6.5" x 7.25"
(165mm x 184mm)



Swivel Clamp

ITEM NO. WEIGHT - LB. (KG)
1605 5 (2.25)



Base Plate

ITEM NO. WEIGHT - LB. (KG)
228 3.1 (1.41)
LENGTH
6.75" X 6.75"
(171mm X 171mm)



J-Head

ITEM NO. WEIGHT - LB. (KG)
239 8 (3.63)
LENGTH
5" X 8"
(127mm X 203mm)



Toggle Pin

ITEM NO. WEIGHT - LB. (KG)
4352 0.25 (0.11)

Hitch Pin

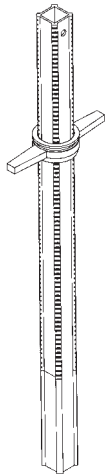
ITEM NO. WEIGHT - LB. (KG)
4045 0.02 (0.01)

Rivet*

ITEM NO. WEIGHT - LB. (KG)
3991 0.33 (0.15)

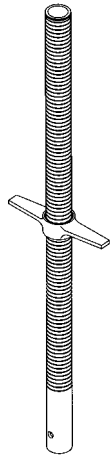
*connects Screwjack to Base Plate.

Product Assembly



Aluma Frame® 1M Screwjack and Handle

ITEM NO. WEIGHT - LB. (KG)
513 16 (7.26)



Screwjack

ITEM NO. 514
LENGTH - 32" (813mm) with
24" (609mm) of thread.

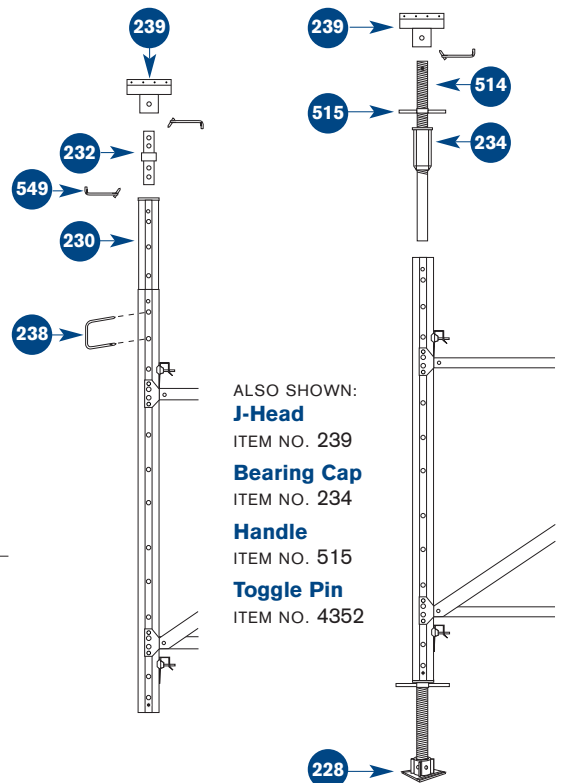
Handle

ITEM NO. WEIGHT - LB. (KG)
515 8 (3.63)
LENGTH
3" x 11"
(76.2mm x 279mm)



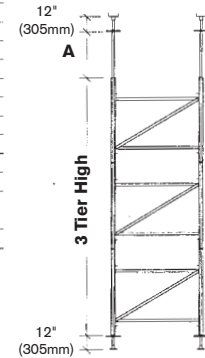
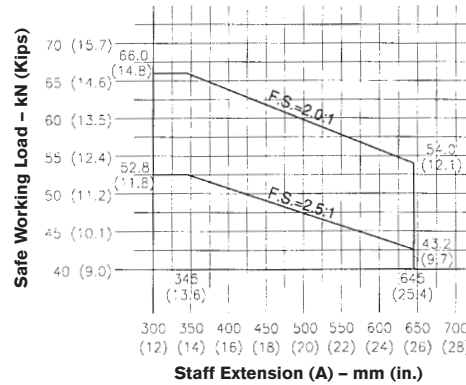
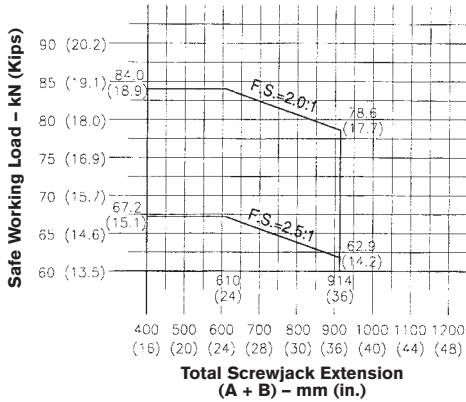
Extension Staff

ITEM NO. WEIGHT - LB. (KG)
230 9 (4.09)
LENGTH
3' 10" (1,168mm)



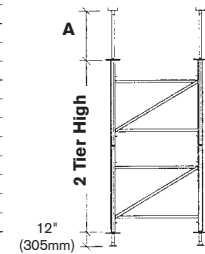
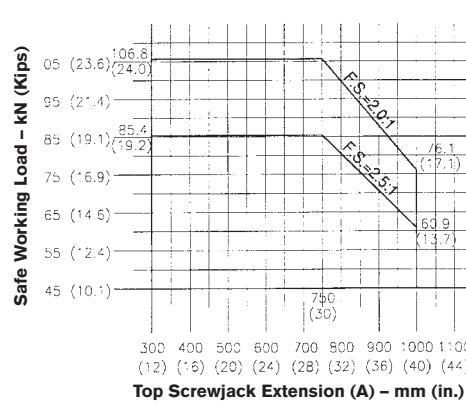
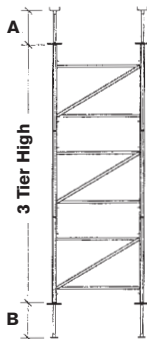
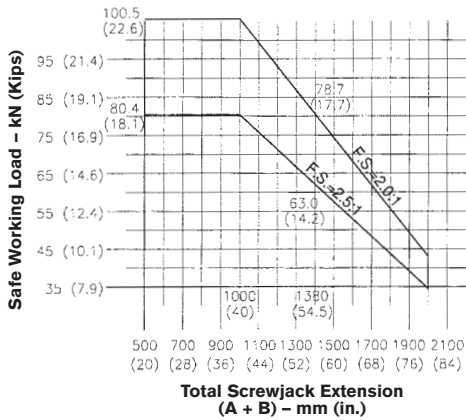
ALSO SHOWN:
J-Head
ITEM NO. 239
Bearing Cap
ITEM NO. 234
Handle
ITEM NO. 515
Toggle Pin
ITEM NO. 4352

Load Charts



3 Tier High Aluma Frame® with standard Item #514 Screwjack top and bottom.

3 Tier High Aluma Frame® with Extension Staff at Top or Bottom Maximum 12" (305 mm) Screwjack Extension Top and Bottom (with standard Item #514 Screwjack)



3 Tier High Aluma Frame® with Item #513 1m Screwjack top and bottom.

2 Tier High Aluma Frame® with 1m Screwjack (Item #513) at Top and Maximum 12" (305 mm) Screwjack (Item #514) Extension at Bottom

Note: 1. Loading stated is vertical load only in kN/Leg or 1000's of lbs/leg.
2. Capacities are for complete braced towers, not free-standing frames.

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

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