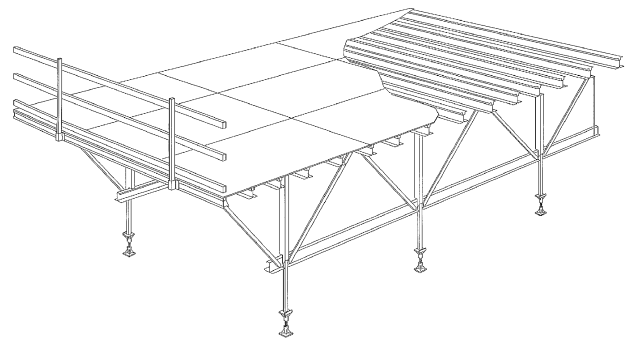


Aluma Truss System

Still the most successful truss system available.

The Aluma Truss System offers substantial savings in set-up and stripping time compared with handset shoring systems. When used with Aluma Beams and the range of adjustment and handling accessories, this system gives the outstanding performance needed for today's high speed construction methods.



Product Description

The Aluma Truss System was developed for the specific purpose of cutting construction cycle times, reducing labor costs and improving productivity on buildings that have repetitive floor plans.

Instead of using the traditional handset frame and cross brace systems, the Aluma Truss System enables flying forms to be constructed using the range of versatile truss components together with Aluma Beams. These forms are assembled only once and are re-used floor-by-floor, avoiding the

need for costly dismantling and re-assembly of the forms as each floor is constructed.

Through the use of our wide range of accessories such as hinged or sliding panels, dropheads and beam forms, the Aluma Truss forms can be designed to accommodate most structural configurations that are likely to be encountered.

For shoring heights of up to 9'0" (2.75m), the Aluma Truss System is supported and leveled by Aluma Truss Jacks spaced at 10'0" (3.05m) centers. These remain attached to

the bottom chord of the truss and are hinged up out of the way during flying operations. Specially designed glides enable the entire flying form panel to be easily rolled out of the bay by only two men.

Features

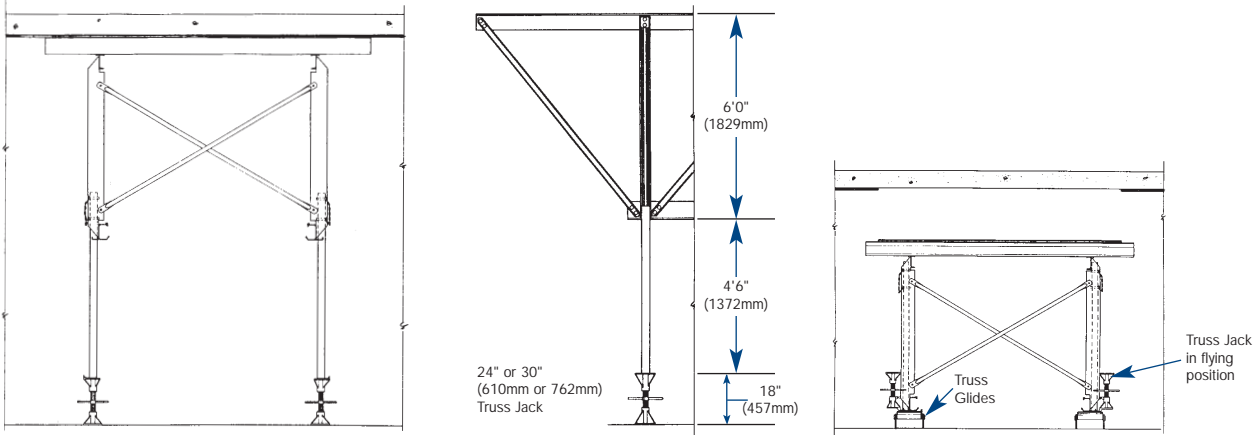
- One-time assembly reduces labor costs
- Compatible with the extensive range of Aluma Beams
- Reduces construction cycle times
- Modular design simplifies assembly of forms
- A full range of handling accessories available

Warnings:

This bulletin is intended only for general information on Aluma Truss System and the specifications, layouts and other technical information contained herein should not be used without obtaining the express written approval of Aluma Systems' engineers.

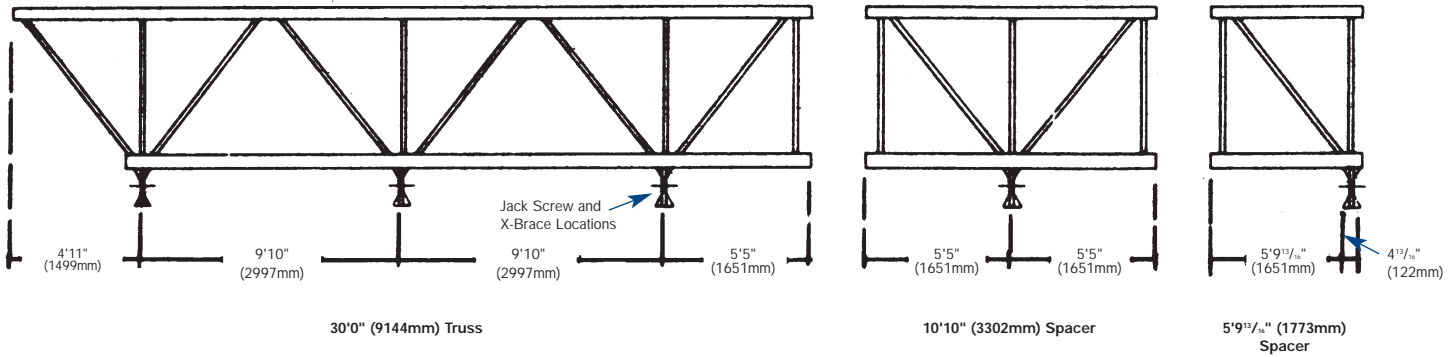
This product is only to be used for the purpose for which it is intended and only per the load capacity set out herein. This product must not be used when damaged and must be in fully functional condition. This product must be inspected before use and properly stored, maintained and repaired. This product must not be misused, modified nor overloaded. Aluma Truss System conforms to all forming regulations, including CSA, CAL-OSHA AND ANSI.

Basic Components



**Aluma Truss with
Extension Legs fully extended**

**Aluma Truss at rolling
position**



Truss: Typical Combinations

Basic Truss Modules

All Trusses available in either 5'0" (1.5m) or 6'0" (1.8m) heights

Standard Truss

QUANTITY	30T6	1056	5S6
ITEM NO.	309	281	326

Extension Legs

30T6E	10S6E	5S6E
310	282	327

Standard Truss

QUANTITY	30T5	10S5	5S5
ITEM NO.	307	279	324

Extension Legs

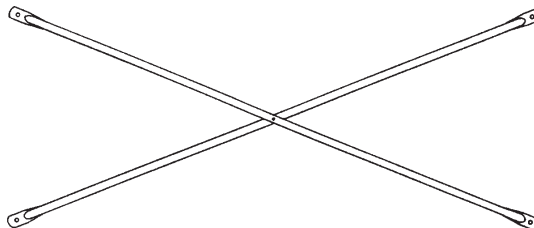
30T5E	10S5E	5S5E
308	280	325

Handling Components



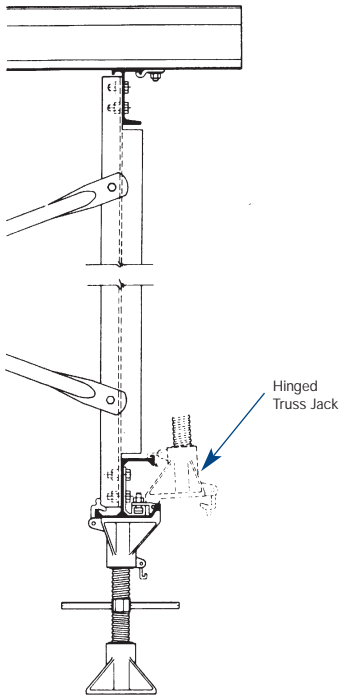
Nylon Sling ITEM NO. 266

Accessories

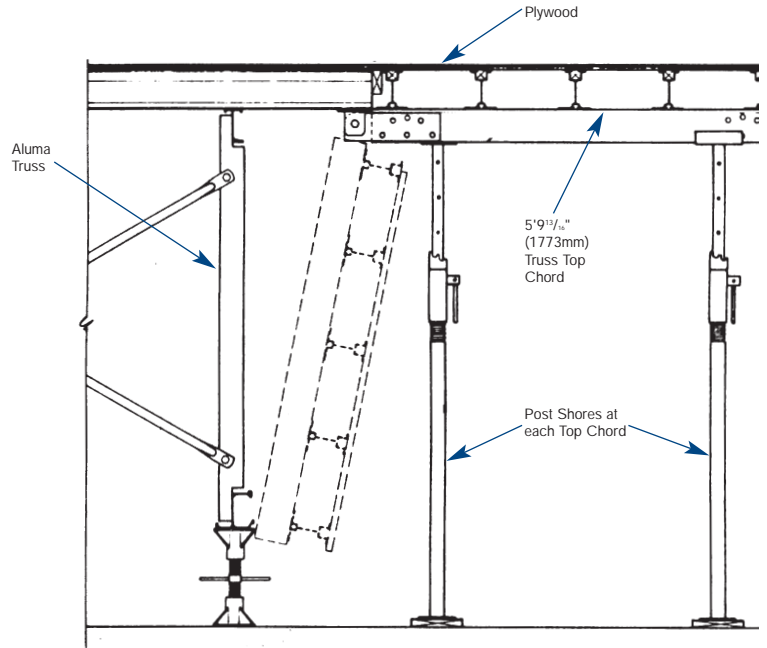


7'0" (2134mm)/10'0" (3050mm)/12'0" (3657mm) Standard Braces

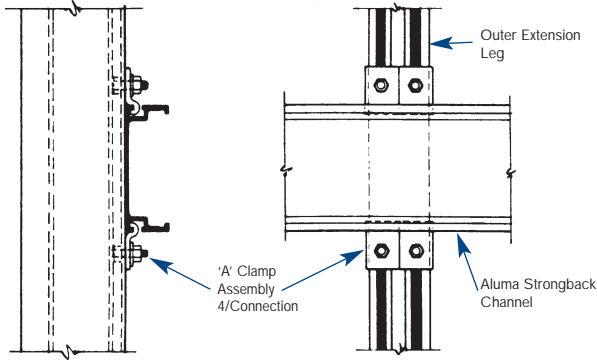
Examples of Applications



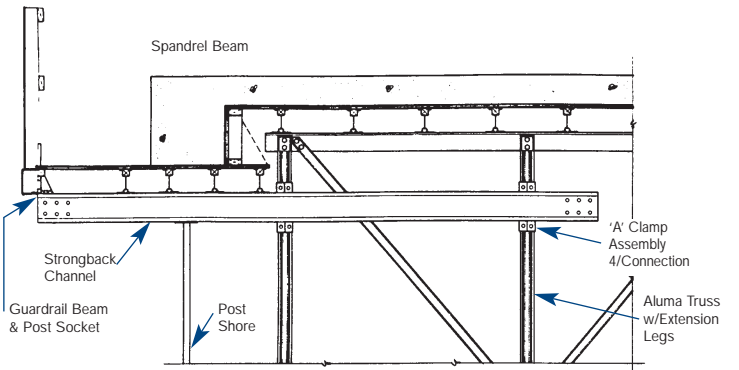
Hinged Truss Jack



Flat Slab Hinged Panels

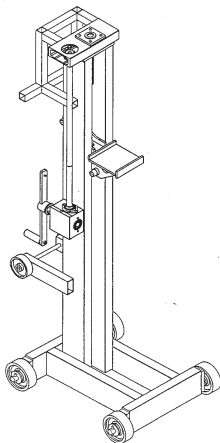


Strongback Clamping Detail



Spandrel Beam Form

Max. Loading for Standard Truss Applications



Truss Jack

CAPACITY - LB. (kN)	LENGTH
24,000 (48.4)	18" (457mm)

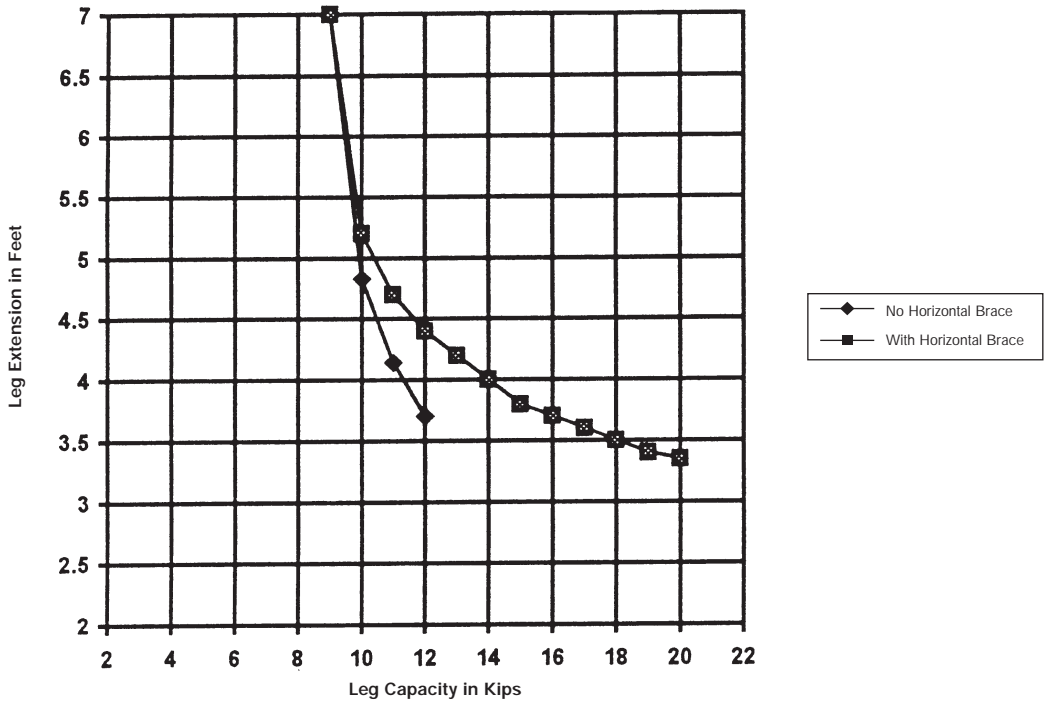
Truss Top Chord

U.D.L. - LB./FT.
2,400

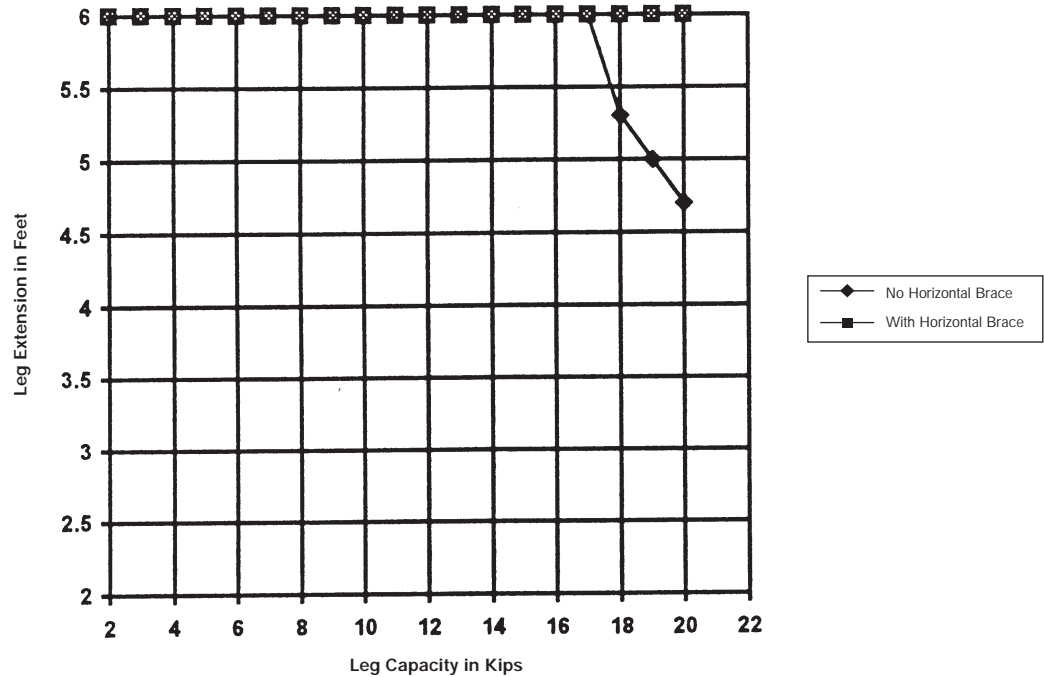
Factor of Safety = 2.5:1

Note: For other loading situations, consult Aluma Systems Engineering Department.

Loading Charts



Free Standing Truss Panel (no restraint)



Truss Panel (restrained)

Contact Us:

Visit our website at
www.aluma.com

**Aluma Systems
Canada Inc.**
55 Costa Road
Toronto, Ontario
Canada L4K 1M8
T : (905) 669-5282
F : (905) 660-8045

**Aluma Systems
USA Inc.**
U.S. East Region
1111 North Loop West
Suite 700
Houston, Texas
USA 77008
T : (713) 802-9055
F : (713) 802-9054

**Aluma Systems
USA Inc.**
U.S. West Region
2840 West First Street
Santa Ana, California
USA 92703
T : (714) 480-1155
F : (714) 480-1166

Consult our Engineering
Department for assistance
in the application of these
accessories.

Illustrations are not
drawn to scale.
All dimensions nominal.