

Service and Quality Backs a Safe an Efficient System

Aluma Flying Form Truss can be stripped, flown and reset in twenty minutes by 4 workers, no matter how large the table. It takes only two workers, using our specially designed glides, to efficiently roll a flying form panel out of the bay.

Lightweight, mechanically connected modular components are easy to handle, and at the same time retain required rigidity. They can be quickly dismantled and assembled in different configurations and, should individual members get damaged, they can simply be unbolted and replaced.

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



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Aluma Truss System
Truss. broc_000_05/05

Aluma Systems
Concrete Construction

The Aluma Flying Form Truss System:
Original, Ground breaking Technology. Still the Best Choice.

Introduction

The Aluma Flying Form Truss has been the leading Truss system in the concrete shoring market for more than 30 years. When it was introduced in 1972, this lightweight aluminum system revolutionized shoring for repetitive cast-in-place floors which enabled contractors to move panels four times larger than had been possible before.

Today, backed by industry-leading engineering innovation and expertise, the Aluma Flying Form Truss sets the standard as a fast, modular shoring system that is adaptable to the widest range of building designs.



Safe

- Ongoing quality and maintenance inspections
- Wide array of safety accessories to choose from
- Designed by experienced engineers

Smart

- Extensive array of accessories to suit any job configuration
- Backed by industry leading engineering innovation
- Handles unique shaped panels

Efficient

- Made of light-weight aluminum
- One time assembly and dismantling reduces labor costs
- The Aluma Truss sets standards as a fast-modular shoring system

Experience and Innovation Delivers Unsurpassed Versatility

The Aluma Flying Form 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.

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. The Aluma Flying Form Truss system can be designed to accommodate most structural configurations.



Super Efficient Core Components

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



1. Aluma Truss (L.H & R.H)

The Aluma Truss (left hand and right hand) may be connected to other Trusses and Spacers to form various lengths of panels. The Aluma Truss is available in either 6'(1.83m), 5'(1.52m) and 4'(1.22m) heights or with or without extension legs. Aluma Trusses can be stacked in many ways to reach all required heights.



2. Aluma Truss Spacer

Aluma Truss Spacers connect to Aluma Trusses or to other spacers to form various lengths of panels. Lengths available are nominal 10'(3.05m) and 5'(1.52m).



3. Truss Jack

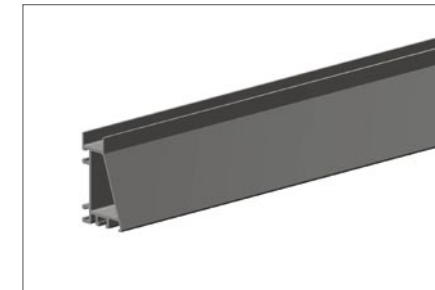
The Aluma Jack supports and levels the Aluma Flying Form Truss system. For fine adjustment, Aluma provides three sizes of Jack, ranging from 12"(0.305m) to 30" (0.762m). The Aluma Jacks remain attached to the Truss and are hinged up, out of the way during the flying operations.

Accessories



Locking Pin

Locking Pin sets are used to lock the inner and outer extension legs for various height adjustments.



Guardrail Beam

Safety is built into the system, by use of the Guardrail Beam. This facilitates positioning of Guardrail Post Sockets and allows easy installation of a fully guarded perimeter.



Truss Pick

The Truss Pick with a capacity of 3400lbs (1524kg) is used to lift truss panels.



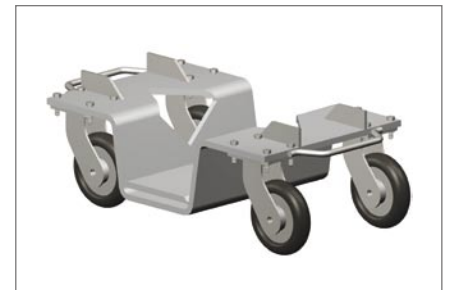
Nylon Sling

Nylon Slings are used as an alternate to the truss pick and used to pick up and fly truss panels.



3 Ton Floor Jack

The 3 Ton Floor Jack is used to lower Aluma Truss when standard truss panels are used.



Drop Center Dolly

The Drop Center Dolly is used to transport Aluma Truss. It has a 3600lbs (1636kg) capacity.



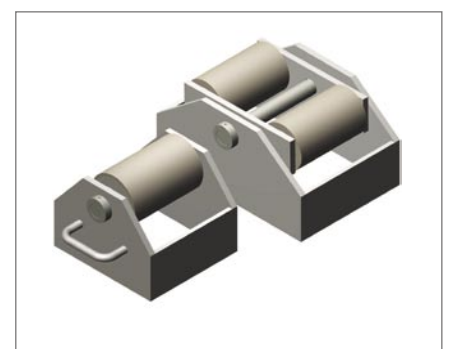
Truss Landing Dolly 6'

Truss Landing Dollies are used to receive truss panels with extension legs for final positioning after flying in order to free crane.



Truss Lowering Device 4' & 6'

This Truss Lowering Devices allow "one step" lowering and raising of large Aluma Truss when truss panels with extension legs are used.



Standard Glide & Tilting Glide

Standard Glides are used to glide Truss panels to the outside of a building after stripping. Tilting Glides are usually placed at building edges to support Truss panels in a tilted position during the flying process.