

PHOENIX SERIES



The Phoenix is designed for full compliance with IBC and ASCE 7 definition of unbalanced snow loads, allowing your building to withstand snow drifting during harsh winter months.

The Phoenix Series offers a pre-galvanized, cost-effective steel truss structure for multiple applications in widths ranging from 60' - 120' (10' increments).

Manufactured with high quality fabric, these frame-supported, tensioned membrane structures are designed to meet project requirements from 60' to 120' wide and unlimited length. Applications include, but are not limited to, agriculture, equine, airplane hangars and facilities for maintenance, manufacturing, warehousing, mineral and grain storage.

It is designed to be:

AESTHETICALLY PLEASING

The skin of the structure is tensioned in the vertical direction to create a clean finish. With a full range of colors, digital printing, stripes, and motifs, only your imagination limits the possibilities for your structure's appearance. The scrim is produced in a special weaving pattern to enhance thickness, flatness, abrasion resistance, and tear properties. The coating is used to enhance abrasion resistance, flex resistance, seam strength, UV resistance, and longevity. Translucent roof panels create a bright and airy indoor environment.

RELOCATABLE

The Phoenix is designed to be quickly installed for temporary or permanent projects. If your needs change, it can be easily and cost-effectively relocated or expanded. In today's rapidly changing environment, this flexibility is invaluable. Foundation requirements are minimal for this lightweight structure that can accept large differential settlements.

EXPANDABLE

As the need arises, your structure can be expanded by simply moving the gable end and adding more bays. Doors and other openings can be added anytime with minimal effort.

ADAPTABLE

The Phoenix can be equipped with many of the same accessories found in standard construction, most of which are equally relocatable. The Phoenix integrates with HVAC equipment, is completely watertight, and has options for hard walls, various lighting packages, doors, insulation, and air circulation.

RELIABLE

We continue support after installation through our highly skilled customer service department and offer supporting warranties. Universal Fabric Structures has a proven track record of quality building solutions that spans nearly three decades.

Universal Fabric Structures is an ISO 9001:2008 certified company.

Industrial Building Solutions
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Consider The Universal Advantages:

SPECIFICATIONS

- Pre-galvanized tubular steel trusses with hot-dip galvanized or zinc plated steel parts.
- Widths — 60', 70', 80', 90, 100', 110', and 120'
- Length — Indefinite (Module lengths as determined by load)
- Height — 25' - 40'+, with 14' vertical exterior sidewall
- Withstands all code-required wind, snow and seismic loads.
 - Standard wind load of 90 mph.
 - Snow load - standard 30 lbs. per square foot (GSL).
- Designed for full compliance with IBC and ASCE 7 definition of unbalanced snow load case.
- Heavyweight, woven Polyethylene fabric membrane available in FR and non-FR versions. Both versions meet ASTM E-84, Class 1.
- Warranty: 15 years frame / 10 years fabric (prorated).

CHARACTERISTICS

- Modular, expandable and 100% relocatable
- Unobstructed clearspan space
- Limited maintenance required
- Rectangular floor plan for optimum usable space
- Can be environmentally controlled in any climate
- Gable endwalls feature adjustable spacing

INSTALLATION

- No footings required for most short-term installations; footings may be required for permanent or long-term installations (based on site conditions and code).
- No crane necessary for most installations.



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