BUILDINGS OF 1,000 USES









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1395 John Fitch Blvd. South Windsor, CT 06074 Dan.

fabric structures

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PRINTED IN USA



Construction & equipment pgs. 12-15



Production & bulk storage pgs. 16-19



ClearSpan fabric structures

CUSTOM ENGINEERED TO COVER YOUR EVERY NEED



Environmentally friendly



Manufactured in Dyersville, Iowa

MADE IN



AND A COMPANY AN



At our production facility in Dyersville, IA, we manufacture in our own Hercules Truss Arch Buildings.

ClearSpan Fabric Structures is the natural choice when it comes to your building and storage needs, as all our buildings are engineered, manufactured and constructed with the highest structural integrity, as well as designed in conformance with the International Building Code. We stand behind our work, promising you extraordinary care and service. We believe in our 100% American-made fabric structures so much that we manufacture them in our own Hercules Truss Arch Buildings, which are centrally located in Dyersville, IA. Employees love the natural light and wide open space that these facilities provide. Dedicated to providing only the highest quality products and most educated sales specialists, it is no wonder ClearSpan is the premier manufacturer of fabric structures. You can count on us to cover your every building need—no matter the size or complexity of the project.

Connect with one of our Truss Arch specialists to learn how a ClearSpan Fabric Structure can satisfy your needs. Our well-trained specialists will collaborate with you in a professional and timely manner in order to find the solution that meets your goals.

ClearSpan



Fabric Structures ClearSpanFS Address: 1395 John Fitch Blvd., South Windsor, CT 06074 Email: TrussInguiry@ClearSpan.com Phone: 866.643.1010 Fax: 860.760.0210

You Tube



Made in the USA



Why choose ClearSpan

Get to know our Fabric Structures

Hercules Truss Arch Buildings are custom designed to customer specifications and requirements and come standard with the following features:

Spacious interior

- 20' to 300' wide, at any length
- No interior supports
- Maximum usable space
 Highly versatile
- Easy to relocate or dismantle
- Minimal foundation requirements
 Finest quality products
- USA-made, triple-galvanized structural steel tubing
- Rip-stop fabric covers
- Echo and shadow-blocking technology
 Energy efficient and economical
- Cover allows transfer of natural light—no daytime lighting needed
- 15° to 20° warmer in winter
- 15° to 20° cooler in summer
- Lower energy costs
- Does not require regular maintenance

Warranty

- 15 year warranty
- Estimated cover lifespan of 25 years
- Steel frame expected to last a lifetime Various customization options
- Variety of door styles and sizes
- Colored fabric available
- Roll-up sides
- Flame-retardant fabric available
- Anchors, fans, lighting and more
- Uniquely engineered in house
- Can be designed site specific to meet snow-load and wind-load requirements
- Engineered stamped drawings available
- Service and program options
- Fast and convenient installation
- Financing available
- Referral program

FOUNDATIONS Pick one that's best for your application and budget

As part of our technological and product advancements, we are offering a new anchoring option: Helical Anchors.

- Classified as 100% temporary, but can remain for as long as needed
- Environmentally sensitive
- Cost effective, fast and convenient



Helicals drill directly into the ground



Using Helicals involves minimal site work













Cost advantages

NATURAL LIGHT

Fabríc structures versus tradítional metal and wood buildings

When compared to ClearSpan Fabric Structures, traditional wood and metal buildings have failed to meet the challenges of modern living, falling short both economically and environmentally.







ClearSpan Fabric Structures	Traditional wood/metal buildings	
No daytime lighting costs	High daytime lighting costs	
Bright interior significantly reduces energy costs	Very high energy costs due to need for artificial lighting	
Natural light and ventilation provide a healthier environment free of bacteria and mold	Damp, dark environment allows bacteria and mold to thrive, creating a health hazard for people and animals	
Little or no property taxes	Permanent structures = high taxes	
Low construction costs and quick assembly	High construction costs coupled with lengthy building periods	
Can be built directly on the ground	Require expensive concrete footings and foundations	
Low maintenance, no painting	Frequent maintenance required	
Maintain shape and aesthetic appeal	Susceptible to rotting, rusting, swelling and warping	
Resell for close to 100% of purchase price	No resale value	

Tax analysis

Because these structures can be considered temporary, and due to the Internal Revenue Code Section 179 Benefit, you will see an incredible tax savings with a ClearSpan Fabric Structure as compared to traditional wood or steel buildings.

	ClearSpan Fabric Structure with Internal Revenue Code Section 179 Benefit	Conventional Wood Structure
Cost of building	\$100,000	\$100,000
Depreciation allowed – first year Depreciation life = 1 year Depreciation life = 39.5 years	\$100,000	\$2,532
Tax savings (assume 35% tax bracket for federal and state income taxes) Tax savings – first year	\$35,000	\$886
Net cost to buyer after tax benefit after first year	\$65,000	\$99,114
Additional savings to buyer Reinvestment of tax savings over		

Savings

average holding period at 4% for 19 years: \$34,114 x 4% x 19 years = \$25,935 \$0.00 Please note: These are general examples. It is strongly recommended to consult with a professional tax advisor to determine your eligibility for any tax savings.

Líghtíng cost savings analysis

Abundant natural light filters through the covers of ClearSpan structures, eliminating the need for daytime artificial lighting and reducing the number of lights needed at night.

	120' x 140' ClearSpan Structure	120' x 140' Steel Buildings	
Light fixture installation costs Number of 400 W fixtures required Cost per fixture, including installation (labor) Start-up cost comparison ClearSpan savings advantage	15 \$350 \$5,250 \$8,750	40 \$350 \$14,000	
Energy Cost Comparison* (including bulb, ballast and maintenance costs) Kilowatt hours per year for 400 W fixtures Number of 400 W fixtures	2,280 15	33,280 40	
Cost per kilowatt hour – 20 year average (project Total energy costs per year Energy costs for 20 years Bulb and ballast replacement costs for 20 years** 20 year energy, installation and maintenance cost	\$456 \$9,120 \$0.00	0.20 \$6,656 \$133,120 \$15,000 \$148,120	
20 year ClearSpan savings advantage	\$139,000	9140,120	

*Savings will increase when using building at night as fewer fixtures are required. **Costs will be greater with nighttime use.

Our process

Clear Span, the one-stop shop

Unlike other fabric structure companies, ClearSpan sells directly to our customers. You'll find our process is well organized, efficient and customer focused, earning us many happy, repeat customers over the years.

When working with ClearSpan, you will have the chance to interact with one of our Truss Arch specialists, a highly qualified and experienced team member who will act as your representative throughout the entire purchasing process. They will help you identify your needs and goals, and then see to it that these are met according to your respective customizations and specifications.

ClearSpan structures are developed by skilled engineers who transform your specifications into a cohesive plan. Our engineers use sophisticated design software to create the perfect frame, which is then adjusted to fit building code, wind and snow load requirements. Once you have worked through the design with us, we are happy to provide engineered stamped drawings for your records. Our manufacturing team is responsible for turning your Hercules Truss Arch Building from a drawing to reality. They ensure that all structures meet the highest level of quality, following the engineers' calculations and design specifications. The steel team custom cuts, bends and welds steel tubing into the trusses that will make up your frame, which is then outfitted with a precision-cut fabric cover. The fabric team carefully lines up the fabric by the proper angle and heat-seals it for durability. Once the manufacturing process is complete, all components are safely packaged and readied for shipping.

The T





3-Option 2-3 Installation Service

- 1. Our crew can come out and construct the building.
- 2. Our site manager can go to your site and direct your own crew.
- 3. Install yourself and we can provide directions and a contact number for you to call if you have questions.

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Dare to compare

Dare to Compare: Ours versus Theirs

Many of our competitors try to draw you in with tempting terminology. At ClearSpan, we don't need to distract our customers with fancy terms; we know our product is better.

OUR USA-Made, Triple-Galvanized Structural Steel Tubing

Zinc coating Is uniform, making for stronger steel that won't chip or flake

Smooth finish and curvature

Doesn't cause fabric stress, preventing rips and tears

Consistent manufacturing process Results in military-grade round tubing

Triple-galvanized, inside and out Provides long-lasting rust and corrosion protection





THEIR Hot-Dipped Steel

Drip drying creates inconsistent zinc coating, resulting in weak spots and flaking

Uneven surface is abrasive and will damage covers, requiring costly repairs

Hot-dipping weakens the steel and causes irregularities, which results in tubing that is inferior

Hot-dipping process can result in poor coating coverage, which can lead to rust and corrosion





We do not compromise quality by using cheaper, square tubing. Our skilled employees take the extra time and care necessary to properly cut and angle our round tubing.

OUR Round Steel Tubing

Features superior strength and will not twist or fail, even in areas with high winds.



THEIR Square Tubing

Adds stress and wear to the fabric cover. Square tubing causes friction and reduces the cover's lifespan.



5

PUBLIC WORKS

Serving municipalities, suppliers and private businesses

ALC -----

Here at ClearSpan, we make the purchasing process quick and easy for you. We can help write the building's specification requirements and meet them with ease.



Visit the Salt Institute for more information: www.saltinstitute.org

S.A.L.T.E.D.	Salt Institute's storage site suggestions	ClearSpan features
Safety	 Good visibility for operators No access to heavily traveled roads Warning signs at entrances Security fencing Safety for the surrounding environment 	 Sturdy, long-lasting buildings Natural light filters through the covers No echoes to confuse or disrupt work
Accessibility	 Easy access for equipment and delivery Big enough for front-end loaders Room for a 20-foot extension Doors large enough for equipment 	 Structures can be left open-ended Doors that are large enough for vehicle clearance can be added Can build a block wall to increase structure's height/sidewall clearance
Legality	• Complying with local zoning ordinances • Required discharge permits	 Engineered stamped drawings Follow wind and snow load regulations Building permits may not be required
Tidiness	 Make buildings as attractive as possible Keep buildings well maintained Good housekeeping around the site Screening the storage site with fencing 	 Can be customized with different colors No shadows Can add dividers inside building Can also store vehicles and any other needed equipment
Economics	 Permanent covered storage Local storage site to avoid long distance hauling 	 Can be relocated, if necessary Covered enclosure prevents salt loss
Drainage	 Good drainage away from the stockpile Sloping bituminous pads for containing runoff Installing retention curbs Disposing salt brine in conformance with applicable federal and state regulations and local ordinances 	 Any type of drainage can be added or built within structure, if desired Can install retention curbs Ventilation options available, if needed





City of Beech Grove Dept. of Public Works

Location - Beech Grove, IN Challenge - Replacing decayed salt storage building Solution - Hercules Truss Arch Building Size - 45' wide x 60' long Application - Salt storage

With an outdated salt storage building, the City of Beech Grove decided it was time for an upgrade. Explains public works employee Thomas Wilson, "We had a wood and metal structure that was built in the early '80s. The metal siding was coming off of the timbers and the timbers themselves were decaying." After seeing a ClearSpan structure nearby, Wilson went online to do more research.

He was sold on a 45' wide by 60' long Hercules Truss Arch Building because of the reasonable price and wide-open design of the structure. Wilson says, "The building is installed on a 6" roller-compacted concrete slab with a 5' overhang on each side" to prevent groundwater contamination. He continues, "We mounted it on concrete blocks for additional height."

One of the biggest benefits, according to Wilson, is the openness of the building. He describes, "The elbow room inside the building is excellent. We own a Case 621 Loader and it has no problem turning around inside the structure."

"Our ClearSpan structure is working out well for our needs. I was impressed by the professional installation crew and the knowledgeable sales staff," says Wilson.

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Recycling



Go green with Clear Span

By choosing a ClearSpan Fabric Structure, you are making a conscious effort to keep your business practice sustainable and eco-friendly.

I. C.

Many of our materials are recycled and can be recycled again after use. Our fabric covers provide exceptional protection against the elements, keeping your stored items protected from the weather. The ClearSpan design naturally deters pests and bacteria, eliminating the need for our customers to use harmful fumigation and cleaning agents.







Reduce pollution and groundwater contamination by storing recycled materials in a ClearSpan Fabric Structure.

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Iowa Waste Systems

Challenge - Economical alternative to a landfill facility Solution – Hercules Truss Arch Building Size – 65' wide x 65 long Application - Waste transfer station

Since 1996, Iowa Waste Systems (IWS) has specialized in providing collection, transfer, disposal and recycling services to customers in Iowa and southeast Nebraska. The landfill facility located in Red Oak, IA was looking for a new structure to serve as their waste transfer station, but wanted a more cost-effective solution than buildings typically used for this application. Dave Kratz, a major shareholder of the company, was chosen as the person in charge of finding the company's new structure and began to research the alternatives. His research led him to an advertisement for ClearSpan Fabric Structures.

Kratz states, "A landfill site takes in about 10,000 tons of waste per year and the cost of building a new landfill cell every three to five years well exceeds over a million dollars. It only made economical sense to choose a fabric building for the facility because it is a long-term solution for a fraction of the typical cost." He decided that a Hercules Truss Arch Building was the most practical choice for his company's needs. Besides being such a costeffective option, the company enjoys many other advantages over a typical transfer station building. Kratz explains, "The simple design of the building allowed for a more efficient and economical construction than that of other structures, and has made the company much less costly to operate."

9

wastewater decontamination

T. T. States

Our Hercules Truss Arch Buildings are perfectly suited for handling wastewater decontamination.

Durable, all-weather fabric cover

Protects machinery and equipment from the elements, resulting in less damage and repairs; also stops precipitation from adding to cost of decontamination



Wastewater









Quick to manufacture and install Decontamination process can start sooner, increasing clean water

Easy to expand and/or relocate If facility is outgrown, it can be enlarged or relocated with minimal production loss

Aesthetically pleasing

Minimizes community complaints, pleasant environment to work in

Superb air quality and natural light No algae or mold buildup, healthier environment for workers

Clear span of space, no interior supports Maximize usable space for intricate decontamination system

> Sound-absorbing fabric Reduces noise pollution



Northern Moraine Wastewater Reclamation District

Location – Island Lake, IL Challenge – Sewage sludge exposed to the elements Solution – Two Hercules Truss Arch Buildings Size – 65' wide x 70' long Application – Covered sludge bed

Raw sewage storage is something all municipalities must handle in order to keep local water sources safe. In Illinois, the Northern Moraine Wastewater Reclamation District is responsible for serving three communities in the Island Lake area with a total population of about 12,000 people. To dispose of the sewage, this facility must process it so that it can eventually be discharged into a nearby river.

The facility had been storing treated and dried biosolids, or sewage sludge, outside for a long period of time. Operations Supervisor Todd Sheridan explains, "The material got wet every time it rained or snowed, causing odor concerns and raising disposal costs." Sheridan knew the facility needed covered storage space for the sludge beds and began researching his options.

Sheridan discovered Hercules Truss Arch Buildings inside one of ClearSpan's affiliate company's catalogs. He says, "The price of ClearSpan Fabric Structures and the company's great customer service were both selling points. Other companies with similar products were very unresponsive." Sheridan decided on two 65' wide by 70' long Hercules Truss Arch Buildings to cover the sludge beds. Currently, both structures are storing sewage sludge, but Sheridan says, "I'm sure we will find even more uses for the buildings down the road."



T. T. S. T. R.

ClearSpan structures work for a variety of construction applications, including lumber yards, tool and equipment storage, show rooms, offices and wood shops. New factors like the economy, energy trends and client preferences have forced general construction to reevaluate the norms of the industry, pushing companies to embrace the versatility and modern design of ClearSpan structures. Our low cost per square foot, multiple customization options and variety of accessories are just a few of the reasons more construction companies are choosing ClearSpan.



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12



City of Marshalltown, Iowa Location - Marshalltown, IA Challenge - Centralized equipment location Solution - Hercules Truss Arch Buildings Size - Two 100' wide x 120' long Application - Equipment storage

3 1

The city of Marshalltown, IA hired Story Construction to find an alternative solution for the city's equipment storage needs. The city was renting multiple buildings in the area, so equipment was hard to locate throughout the city and was very difficult to manage. The city wanted a building that would serve as one centralized location to keep all of their equipment together and also provide a more cost-effective solution for their needs.

Martin Miille of Story Construction says, "They needed an economical structure that would also provide the large amount of space required. They decided to purchase two Hercules Truss Arch Buildings from ClearSpan." The high clearances of these structures make them an ideal solution for this application. Miille explains, "The large amount of headroom allows big equipment to maneuver inside or simply be stored there." Praising the city's choice of ClearSpan, Miille states, "ClearSpan has a better product and a better value, so the city got the best of both worlds."

Equipment storage

Fast and economical

ClearSpan Hercules Truss Arch Buildings are perfect for equipment and machinery storage.



These jobsite buildings provide ample height, extraordinary clearance and do not need internal columns, allowing for ease of loading, handling and access.







Store your vehicles and equipment indoors, protected from inclement weather and freezing conditions, minimizing malfunctions and repairs.







Technical Weighing Services, Inc..

Challenge - Spacious storage area protected from inclement weather Solution - Hercules Truss Arch Size - 55' wide x 100' long Application - Storage for heavy-duty weighing equipment

Technical Weighing Services, Inc. engineers, manufactures and installs weighing systems, in-motion crane scales, roll force measurement systems and strip tensions for the steel industry throughout the United States and international markets. When the company decided that they needed a storage building for their equipment, they turned to Senior Project Manager and Service Manager Skip Gasche to find the appropriate structure.

Gasche says, "Our materials were previously being stored outside, where they were exposed to undesirable weather conditions and took up valuable space in our asphalt parking lots." The company needed a spacious, yet cost-effective structure to house their products. After Gasch conducted some research of his own, he decided a ClearSpan building was the best fit for the company.

The company is thrilled with the cost-effectiveness, ease of installation and fast turnaround process from the time of order to delivery. Excitedly, Gasche states, "The cost per square foot is so reasonable. It is a very easy process, not only to purchase, but to erect as well. Given that this structure was set up as temporary, it has given us the flexibility not only to meet our shortterm storage goals, but also help us in developing our long-term plans for the site. It gives us the opportunity to relocate it elsewhere on the property in the future to serve as a permanent storage solution."



T. T. Start

Since we are a manufacturing company ourselves, we know what is important and necessary for a thriving manufacturing facility. We believe in the quality of our fabric structures so much that we manufacture in our own Hercules Truss Arch Buildings. Much of our success is contributed to utilizing our fabric structures.



Add a mezzanine to increase usable space within the same footprint.









Bright interiors make production safer

and more efficient.



Multiple bays can accommodate our shipping and receiving needs.

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You Tube





Stony Brook Manufacturing Company Location - Calverton, NY

Location - Calverton, Art Challenge - Expansion Solution - Hercules Truss Arch Building Size - 45' wide x 100' long Application - Manufacturing and steel fabrication

When Stony Brook Manufacturing Company needed to expand their production space, they didn't have to think twice about what kind of building would be ideal for their operations. "We know steel, and we knew the ClearSpan building would work great for us," says company president, Graham Scaife.

"We noticed the Hercules Truss Arch Buildings in one of ClearSpan's affiliate companies' catalogs. The catalog did a great job of explaining the structure. We were looking for a well-engineered, inexpensive building that could handle snow loads and go up quickly. The building we bought has performed just the way the catalog described it. The engineering is well done. It was fast to construct. Snow has never been a problem. We couldn't be happier, "explains Scaife.

According to Scaife, the ClearSpan building has made production go much easier. He explains that since they purchased it, "Fabrication has sped up, largely because there is so much more floor space. The benefit is clear—production has increased. It is 60% higher per month. We love it. There's no need for daytime lighting, the cost is good, the clear open span is unbeatable. The ClearSpan building is a good deal."

Warehousing/Storage

Organízed bulk storage

A ClearSpan Fabric Structure will change your opinion on bulk storage and warehouse facilities. We provide a bright, spacious and clean environment for your merchandise that will increase both profit and productivity. Choosing a ClearSpan structure promises a pleasant work place with easy access for pickups and delivery, while also providing ample space to store and operate forklifts and other vehicles.

E. C. S. E.









Rogers Group, Inc.

Location – Oak Ridge, TN Challenge – Off-season covered storage of product Solution – Hercules Truss Arch Building Size – 55' wide x 150' long Application – Bulk storage for aggregate limestone material

Rogers Group, Inc. provides the construction, aggregate and road building industries with crushed stone, sand and gravel, asphalt paving and road construction services. One of their facilities, located in Oak Ridge, TN, was in need of a structure to allow year-round storage of their aggregate lime product.

This crusted stone substance is used for a variety of applications, but it's main purpose is for fertilizer in farming. "The material must be covered or rain will wash it away. In the past we had no structure at all, so we weren't able to store it for future sales," explains Division Production Manager Ronny Buttrum.

The company chose a Hercules Truss Arch Building for their storage facility and they are thrilled with the design of the building. "We have been able to store more product than we had initially anticipated," says Buttrum. He continues, "We also love how the fabric cover reduces heat in the summer to keep the inside cool and how the white color helps keep the interior bright."

"Our ClearSpan building has proved to be an excellent value. We received quick delivery and installation of the structure and it has since met every expectation we had," Buttrum states. He concludes, "We are very pleased with our building and it is working out great!"



ClearSpan drops anchor on boat maintenance and storage

From large vessel storage to paint booths, there are several factors that must be met when it comes to boat maintenance and storage facilities. ClearSpan covers each requirement needed for safe and easy boat accommodations.

Extraordinary height and clearance

• With no internal support columns to interfere with vessels, machinery or laborers, ClearSpan Fabric Structures offer maximum usable space and ease of movement.

Resistant to harsh marine elements

- ClearSpan buildings are built with the strongest USA-made, triple-galvanized structural steel and 12.5 oz. rip-stop polyethylene fabric and are designed to withstand any local wind or snow-load requirements.
- ClearSpan's steel has gone through a state-of-the-art process that provides long-lasting corrosion and rust protection.

Low energy costs

- Abundant sunlight filters through ClearSpan's fabric covers eliminating the need for daytime artificial lighting. Their natural ventilation system provides a dehumidified environment, stopping moisture, mold and bacteria buildup.
- ClearSpan structures maintain interior temperatures of 15° to 20° cooler in summer and 15° to 20° warmer in winter.

Easy to relocate or expand

- If relocating to a different marina is needed, ClearSpan Fabric Structures can be disassembled, moved and reassembled quickly and with ease.
- When the time comes to buy a bigger boat, or your needs change, ClearSpan buildings are expandable with little additional cost.









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Jenkins Welding

Challenge - Lack of covered work space for large fishing vessels Location - Wrangell, AK Solution – Hercules Truss Arch Building Size – 50' wide x 80' long Application - Ship repair facility

In business for more than 25 years, Jenkins Welding specializes in aluminum fabrication and welding. Owner Chuck Jenkins says, "Our main focus is repair, rebuild, modification and conversion of commercial fishing vessels. We provide the marine industry with custom designed and constructed fuel tanks, top houses, aluminum bulwarks, decks and rigging, as well as small boat building." With his business located in southeast Alaska, where the climate features a temperate rainforest, the weather can present a considerable hindrance.

Working out of a 40' wide by 80' long shop, Jenkins did not have enough room for large fishing vessels. He explains, "There was a significant need for a covered work space which could house the large fishing vessels that we work on."

After researching his options, Jenkins chose a 50' wide by 80' long ClearSpan Hercules Truss Arch Building because the design of the structure would allow for the height necessary to accommodate the vessels' masts. "The new ClearSpan structure provides southeast Alaska fishing fleets with a covered work space while their fishing vessels are being worked on," he says. Jenkins continues, "The structure will house a vessel which is up to 58' high, 80' long, and 150 tons." Installing the structure on containers allows Jenkins to maximize his storage and work space.