

# **HYPERSTEEL™**

C O L D - F O R M E D   B U I L D I N G S



INSPIRATION GUIDE

# Hypersteel™: Inspiring Your Next Cold-Formed Building Project

Cold-formed steel buildings have revolutionized the construction industry, offering a cost-effective and efficient alternative to traditional building methods. Manufactured by shaping steel sheets or strips using different kinds of forming techniques, cold-formed steel buildings are created without the need for heat treatments during the production process, unlike hot-rolled steel.

A state-of-the-art metal building solution, Hypersteel cold-formed buildings stand out as a testament to durability, ease of design and ease of installation, perfect for low-complexity projects. These buildings offer numerous benefits for forward-thinking contractors and builders who want to build successful simple projects without the headaches.

**With Hypersteel buildings, you can unlock a new era of construction excellence—where durability meets efficiency, and innovation meets practicality.**

# Why Cold-Formed Steel Buildings?

With proper design, construction, and adherence to building codes, cold-formed steel buildings can meet the strength and structural performance criteria for a wide range of applications.

Compared to alternative building materials, cold-formed buildings will stand the test of time. Buildings with organic components, such as traditional post-frame buildings or wooden barns, are vulnerable to damage from water intrusion, pests, and termites, which can compromise their structural integrity. Cold-formed buildings do not shrink, rot, split, or warp like wood, offering exceptional long-term value.

Cold-formed steel offers faster product delivery and more efficient installation methods, which help get the job done quicker. All it takes is general building and construction knowledge to assemble a Hypersteel building. With its ease of assembly and straightforward design, there's typically no need for large teams, heavy equipment or specialized labor.

Our Hypersteel software takes the guesswork out of the process, allowing builders to design, quote and order quickly, giving them a clear line of sight into their projects. This user-friendly ordering system lets you easily manage projects with full transparency and support, when you need it.

Because of the volume-to-strength ratio of metal, it is also the easiest material to transport compared to other building types. Our cold-formed manufacturing process has been refined and specially engineered to ensure the highest quality and installation efficiency at the lowest possible lead times.

Hypersteel buildings qualify for multiple warranty coverage options for additional peace of mind to help expand your project reach.

# Hypersteel™ Building Application and Usage

With all of this in mind, here are some effective ways leading builders and contractors can tap into the power of Hypersteel cold-formed buildings to grow your business even further.

## WORKSHOPS

Hypersteel structures are ideal for workshops that cater to hands-on work, often associated with a craft, trade or hobby, encompassing a wide range of activities such as woodworking, automotive work, crafting and more. Typically, workshop structure footprints can range from 24' x 24' to 40' x 100' in order to provide abundant space for equipment and tools, and ample room for movement and work. Workshops can be built in the backyard of your client's home, business parks or commercial areas. Keep in mind, workshops often have unique build requirements, such as dehumidification to keep tools from rusting and wood from warping, proper ventilation or even insulation, so be sure to plan ahead for these specifications.



 24' x 24' to  
40' x 100'

# GARAGES

Strong, quick to install and with few maintenance demands, Hypersteel™ buildings are the perfect medium for garages. These versatile structures can come in various sizes, with footprints ranging from a 12' x 20' one-car garage to a 24' x 24' two-car garage, and can be constructed to serve as storage spaces for vehicles, tools and repair equipment, among other things. Depending on the specific needs for your garage project, Hypersteel buildings can be customized with features like roll-up doors or even a loft, offering various options for design and construction.



12' x 20' to  
24' x 24'

# SELF-STORAGE

The demand for self-storage is on the rise as customers continue to look for safe and reliable solutions to house and protect their valuable belongings. Recognizing this demand, Hypersteel buildings are an ideal choice with long-term value. Your clients can trust in the rigid protection and peace of mind they bring.

For single-story self-storage, contractors and builders can expect to build facilities that have simple and consistent designs with an average footprint from 10' x 10' to 10' x 30'. When it comes to customization, these facilities offer exceptional flexibility to tailor size, roof and wall panels, and the ability to incorporate additional functionalities and accessories. With the right planning, Hypersteel buildings can be used to meet these increasing demands for storage space.

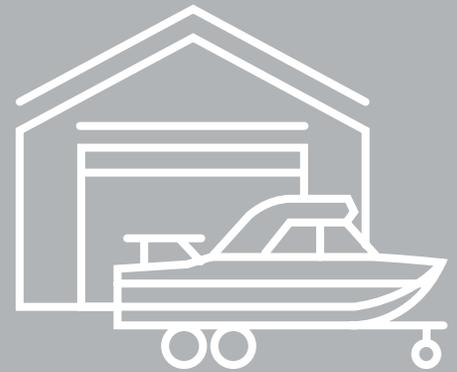


10' x 10' to  
10' x 30'

# BOAT/RV STORAGE

Need to store a boat or RV? Hypersteel™ buildings can help with that. From their ability to accommodate specific maneuverability and accessibility requirements for boats and RVs to their spacious storage units—ranging from 14' x 40' to 14' x 50' footprints—to their resistance to rust and corrosion and even their design flexibility, our cold-formed buildings will meet all your clients' needs. They can house your clients' most precious assets without added stress.

When it comes to these units, it's important to keep in mind that you'll need to create a wider drive aisle, about 50 feet or more, compared to the usual 25 feet. This extra space allows for easy maneuvering of RVs and boats in and out of the storage units.



 14' x 40' to  
14' x 50'

# MINI STORAGE

Smaller but highly durable, mini-storage units are the perfect solution for individuals and businesses seeking compact yet reliable spaces to securely store their belongings. With proper design and installation, Hypersteel buildings offer longevity, weather resilience, and energy efficiency capabilities for lasting protection.

These units are often built in smaller sizes, with footprints ranging from 5' x 5' to 5' x 10', and are commonly used for storing valuable items like wooden furniture, classic cars and musical instruments. To safeguard these materials, it's crucial to include adequate insulation during the construction process. Keep in mind, adding insulation helps protect against susceptible items contracting and expanding, and can also lower heating and cooling expenses.



 5' x 5' to  
5' x 10'

# BARNDOMINIUMS

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Popular in agricultural regions, barndominiums are barns that have been converted into living spaces. It's a trend that's been popping up in the industry in recent years.

These structures are often built on larger plots of land and can be lived in or used for work, depending on your clients' needs. As a result, the design and size of your barndominium can vary from 40' x 30' to 60' x 70' footprint. With our Hypersteel™ buildings, you can design a metal building with a barndominium style, providing a fast, easy and reliable building solution.



 40' x 30' to  
60' x 70'

# METAL SHOPS

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Metal for metal? Makes sense to us. Cold-formed buildings are a popular solution for metal shops—spaces mainly used for metal fabrication, with stations for welding, grinding, cold and hot forming, forging and casting.

Often built on industrial or commercial properties, these shops are typically located in areas designated for manufacturing or industrial activities. Metal shops may be standalone buildings or part of larger industrial complexes and can vary in size, with footprints ranging from 30' x 40' to 50' x 100' and even bigger. Metal shops typically fabricate projects that can range from hand railings to heavy equipment and machinery, depending on the job. Given that these structures often involve the circulation of hot air, consider including windows, adequate ventilation and insulation in your construction plans.



 40' x 30' to  
60' x 70'

# FIRE STATION GARAGES (APPARATUS BAYS)

As shown, Hypersteel™ buildings are incredibly versatile and can be used across residential and commercial projects. They are fire resistant, easy to maintain and offer enhanced safety and security, perfect for apparatus bays in fire stations.

Just like boat and RV storage units, fire station garages—or apparatus bays—must be spacious enough to accommodate larger vehicles. Their width should be 18 feet, and at minimum 14 feet wide. A wider bay allows for easy movement of vehicles and equipment. However, if the layout width is narrower than 18 feet, the inclusion of roll-up doors on the sides of the apparatus can facilitate smoother operations for firefighting crews. Rest assured, with Hypersteel products, you can confidently address these specific requirements without any concerns.



14' width  
minimum

# AGRICULTURAL BUILDINGS

Cold-formed steel barns provide several advantages over traditional wood structures, especially when it comes to agricultural settings. They are non-combustible and offer a better return on investment, as they require no overhead trusses and are termite resistant. With these benefits, metal barns are gaining popularity in the industry.

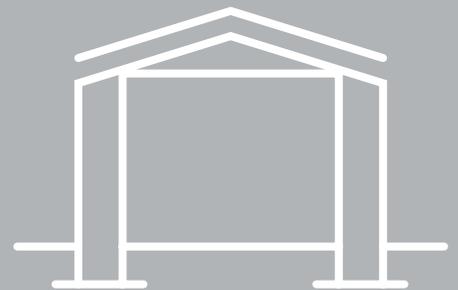
Keep in mind, when constructing an animal barn, it's crucial to address specific animal needs, including providing adequate stalls and aisles, proper feed storage and space for dressage. Additionally, it is important to ensure proper insulation and install larger doors to facilitate easy movement of the animals in and out of the barn. The size of these structures can vary, with footprints ranging from 30' x 60' to 60' x 120', depending on your clients' specific needs.



30' x 60' to  
60' x 120'

# PATIOS/GAZEBOS

When it comes to adding a recreational space in a backyard or park for your client, Hypersteel™ buildings are an ideal cold-formed solution for patios and gazebos. They offer attractive designs, effortless installation and exceptional resistance to termites, pests and fire. With a range of sizes available, from cozy 8' x 8' setups for family sit-outs and dinners to spacious 18' x 18' options for larger gatherings, metal patios and gazebos offer endless possibilities for parties and relaxation.



8' x 8' to  
18' x 18'

# Considerations to Make Before Starting Your Next Hypersteel™ Building

The key to successful projects is asking the right questions and meticulously considering the factors that contribute to the Hypersteel building construction process. By doing so, you pave the way for exceptional outcomes that exceed expectations. As such, contractors and builders looking to use our Hypersteel products for their projects should start by asking these questions:

**What is the facility being used for?**

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**Where is it being built?**

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**What is the exact budget?**

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**What are the size expectations for the new building?**

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**Have you thought about layout?**

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**Are there any unique specification requirements related to insulation, electricity, energy efficiency and beyond?**

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**Does it adhere to local building codes and zoning regulations?**

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**Are all the necessary permits obtained?**

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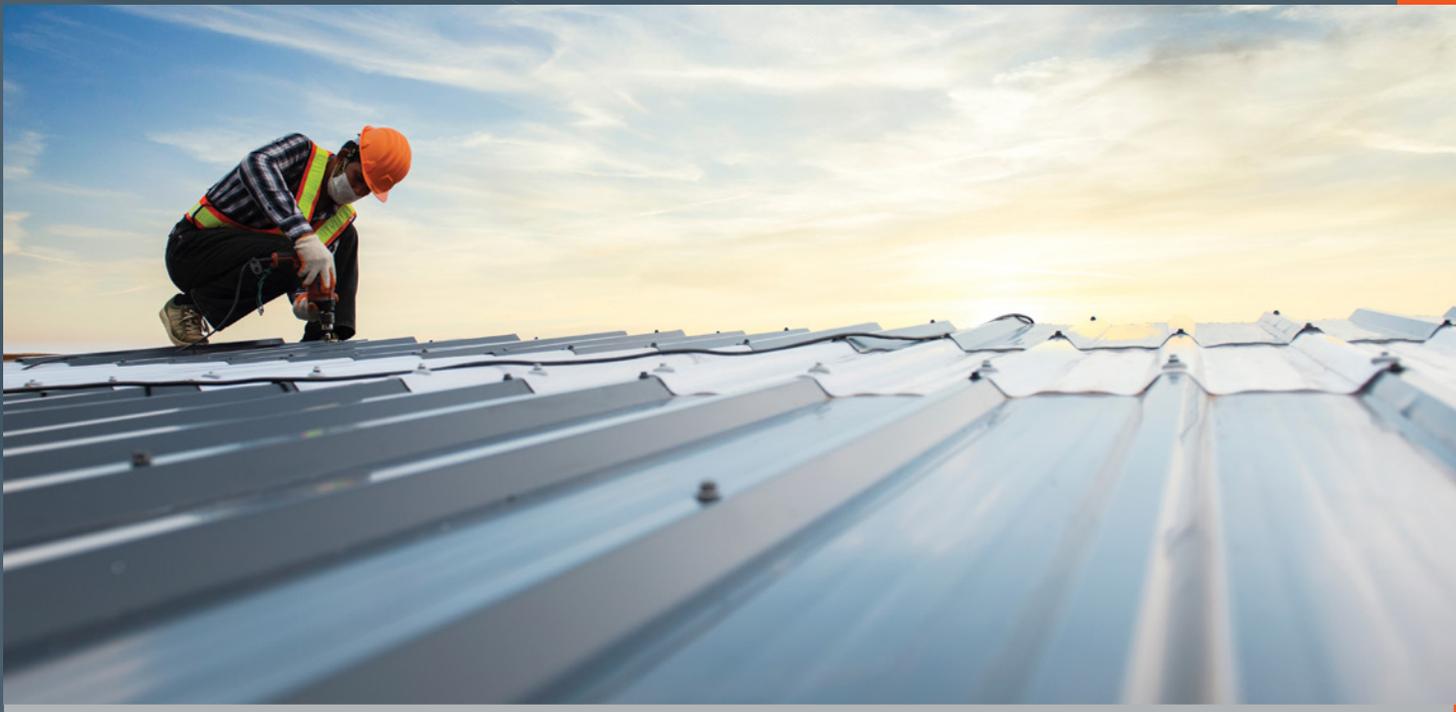
# Hypersteel™: The Fastest Way Forward

Hypersteel cold-formed buildings offer the fastest design and production within our building solutions portfolio. From the moment you start your project to its successful completion, our team is here to support you every step of the way. Our user-friendly design and ordering software makes starting a project easy and helps provide you with peace of mind. Hypersteel buildings are also manufactured across the United States with the ability to reach customers nationwide, ensuring quick turnarounds to meet your tight deadlines.



**For more information and to find your closest supplier, visit:**

**[www.hypersteel.com](http://www.hypersteel.com)**



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