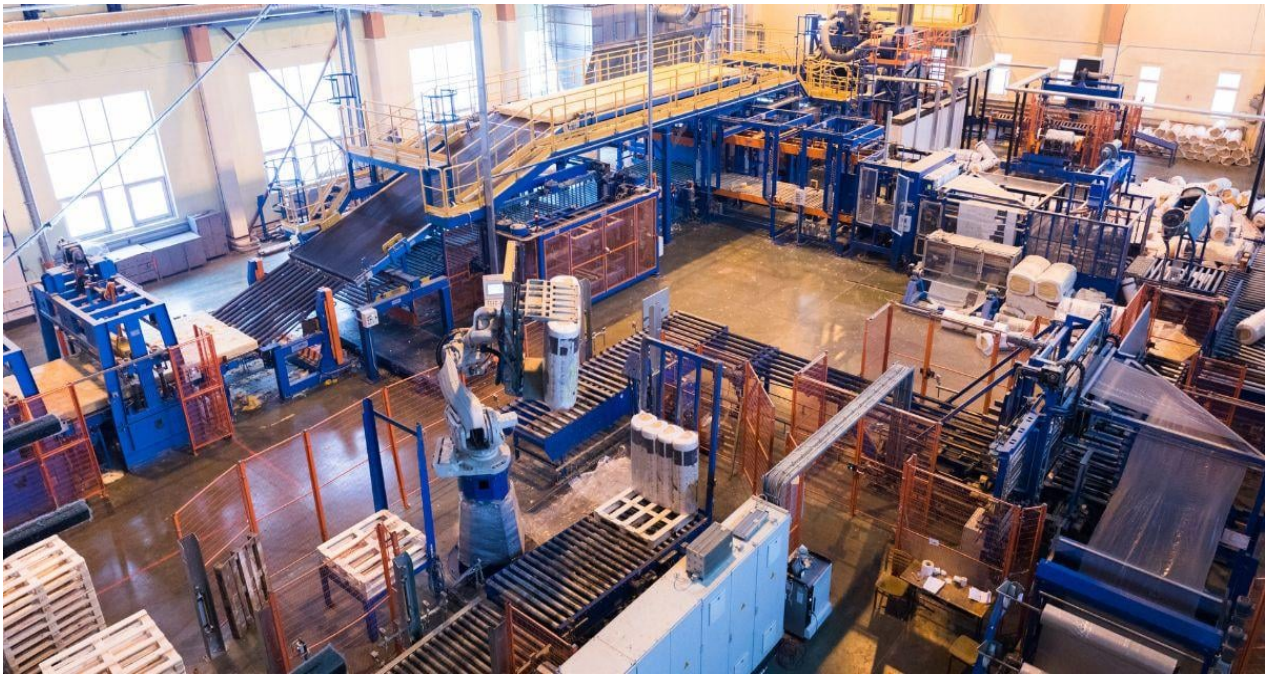


# STEVENS Gives Top 4 Advantages of Pre-Engineered Metal Building for Aluminum Manufacturing Facilities

*September 14, 2022*

Middleburg Heights, Ohio - September 14, 2022 -
The leading pre-engineered metal building company has recently released an article about the benefits of using steel for an aluminum manufacturing facility. This comes after their announcement about their Indiana pre-engineered metal buildings expansion.

The post explains that pre-engineered metal buildings are versatile and allow for a variety of unique designs for a number of manufacturing facilities, including aluminum plants. To read the entire article, click on the following link, https://www.stevensec.com/blog/pre-engineered-metal-building-aluminum-manufacturing

According to the top steel erector, pre-engineered buildings are easy to construct and come with a reduced risk of unknown conditions and variables during the building process, thus saving money, time, and resources.

The article gives 4 strong reasons why a pre-engineered metal building system is the best choice for an

aluminum manufacturing facility. As a top pre-engineered metal building company, STEVENS has decades of experience in constructing facilities using a structural steel framing system that can be designed to fit the needs of an aluminum manufacturing plant.

All the building components for the manufacturing building are built in a climate-controlled factory to cater to the specific needs of the project. This means that parts arrive at the job site cut, punched, and put together where a qualified metal building construction company assembles it. A prefabricated building allows for a much shorter construction schedule.

STEVENS outlines the flexibility and strength of steel that allows for clearspan construction, which means there are no concerns about interior columns interfering with designs and efficiency. This easily gives steel an outright edge over other building materials. The article also states how structural strength is another benefit that comes with steel because it?s one of the strongest building materials available.

Building owners can add specialty coating to components to make them more resistant to corrosion and dirt, thus adding to its sustainability and longevity.

The pre-engineered steel building experts emphasize the durability of steel buildings and how they can withstand harsh weather conditions.

Another advantage of steel is its low maintenance. The post explains that prefabricated buildings do not need a coat of paint every few years, unlike traditional building materials. Being termite and rodent resistant, steel does not require regular treatment with harsh chemicals either, as it does not support mold, mildew, or fungal growth.

Additionally, STEVENS Engineers and Constructors prefer steel framing as there is no risk of rotting, warping, splitting, or twisting, making steel a cost-efficient construction material.

The pre-engineered metal building company states that steel for manufacturing facilities is an economical option because pre-engineered steel buildings use energy-efficient materials. Steel is known for its thermal and insulating properties that reduce the need for more energy to maintain heating or cooling needs. STEVENS goes on to explain that steel is the most recycled material, which makes it a sustainable, eco-friendly, and cost-effective construction material.

Those looking to invest in a durable and economical building material for an aluminum manufacturing building can ask for a personalized metal building quote via the STEVENS website.

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For more information about STEVENS Engineers & Constructors, contact the company here:STEVENS Engineers & ConstructorsVicki Anderson(440) 234-7888info@stevensec.com7850 Freeway Circle, Suite 100Middleburg Hts, OH 44130


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facility. Table Of Contents What's A Pre-Engineered Metal Building? Top 4 Benefits Of Using A Pre-Engineered Metal Building For Your Aluminum Manufacturing Facility Contact STEVENS Today What's A Pre-Engineered Metal Building? Prefabricated metal buildings are made with a structural steel framing system that can be designed to fit the needs of your aluminum manufacturing plant. All the building components for your steel manufacturing building are built in a climate-controlled factory to meet your exact project needs. When the parts arrive on the job site, they have already been cut, punched, and put together based on how your designs. Having everything ready to go and pre-built allows for much faster construction times. When the building arrives at the project site, a qualified metal building construction company puts it together. And there are several aluminum factory-friendly options for your aluminum manufacturing building, like overhead doors. Let's take a closer look at a few benefits of metal building construction for aluminum manufacturing facilities. Top 4 Benefits Of Using A Pre-Engineered Metal Building For Your Aluminum Manufacturing Facility Unrestricted Space The size of aluminum facilities can vary tremendously, from small facilities to massive structures, some well over a million square feet. Fortunately, steel structures can be as big as you need them to be. The strength of steel allows for clearspan construction. With clear-span capabilities, you don't have to worry about interior columns interfering with your designs and efficiency. No other building material available allows for almost unlimited lengths in your designs. You can design 300-foot-wide structures or have towering overhead spaces to accommodate overhead cranes or mezzanine floors. And the construction time for metal building kits is still much faster than conventional construction times, even if they are massive. Structural Strength Structural steel is the strongest building material available. You can also add specialty coating to components to make them even more resistant to corrosion and dirt. The longevity and sustainability of a steel building kit save time and money during the lifespan of manufacturing buildings. They will also withstand extreme wind speeds and aren't as vulnerable to storm damage as conventional construction. Low Maintenance No matter what exterior finish you choose, whether it's strong steel panels, brick, stone, tilt-up concrete, or a combination of finishes, the exterior of a steel building requires little maintenance. And with steel construction, there is no need to paint every few years like you would with a wood exterior. Steel is termite and rodent resistant, so you don't need to regularly treat your structure with harsh chemicals. And as an inorganic material, steel doesn't support mold, mildew, or other fungi growth. Steel framing won't rot, warp, split, twist, or creep like wood framing will over the years. All of this will keep your operating costs down. Energy Efficient and Eco-Friendly Steel buildings for manufacturing facilities are very economical because pre-engineered steel buildings use energy-efficient materials. The thermal and insulating properties decrease the need for more energy to maintain your heating or cooling needs. This makes them very cost effective and keeps your utility costs down. And steel is the most recycled material in the world, so it's very easy on the environment. Prefabricated steel buildings are one of the most environmental-friendly building systems available. Contact STEVENS Today Depending on the scope and scale of the aluminum manufacturing business, there are several benefits of using a pre-engineered metal building kit. You can have a compact single-layer facility or a large, sprawling multi-layered complex structure. Whatever your needs are, a metal building kit can meet them. The team at STEVENS provides advanced Pre-engineered Metal Building Kits to streamline your next aluminum

manufacturing building project. Prefabricated metal building kits have unlimited, customizable options so you can make yours unique and one-of-a-kind. This type of structure allows you to tailor your metal building to match your business needs. With the customization options and design technology available, it's clear to see why you should choose a pre-engineered metal building for your aluminum manufacturing facility. The STEVENS building systems team uses customizable, high-quality pre-engineered metal buildings with industry-leading capabilities and are constructed with American-made, recyclable Nucor steel. As a fully custom steel building manufacturer, your possibilities are endless. Click the button below to schedule your Free Quote on your pre-engineered metal building for you aluminum manufacturing facility today! References: https://www.cdmg.com/building-faqs/pre-engineered-metal-building-for-a-manufacturing-facility https://www.cdmg.com/building-faqs/aluminum-manufacturing-facilities-use-pre-engineered-metal-buildings https://www.rhinobldg.com/7-long-term-benefits-of-pre-engineered-steel-buildings/",


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**STEVENS Engineers & Constructors**

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