



**A Faster
Way to Build**

TESLA

**FUELING TESLA'S MODEL 3 SPEED-TO-MARKET
AND ASSEMBLY LINE EXPANSION**



Your rapid and cost-effective automotive and assembly line solution, engineered and manufactured by Sprung Structures.



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About the project

THE ASK

Already a customer, Tesla reached out to Sprung to provide additional assembly line production capacity for their new Model 3 vehicle. And they needed it immediately.

Known for their innovation and quick problem solving, Tesla needed to find a fast solution to expand their large production line - a standard automotive solution just couldn't be built in the time-frame needed. So, the idea to erect a Sprung structure in the Fremont factory parking lot was born.

HOW SPRUNG DELIVERED

The Sprung team delivered and completed construction in just 19 days. A full assembly line was constructed inside the structure while the structure was being erected. This meant Model 3 production could start while the finishing touches on the structure were completed.

Additionally, this facility was built at a fraction of the cost of a traditional automotive assembly line and is now a permanent structure at Tesla's Fremont factory.



No standard automotive solution could be built in time," said Musk, "so we created a new solution. It is working and has slightly higher quality than the more traditional general assembly line. Perhaps most surprising is that the total cost of production in the sprung tent is lower."
(NBC 2018)

– Elon Musk, CEO, Tesla (NBC interview - 2018)



About Tesla's Fremont Factory

Tesla's Fremont Factory is an automobile manufacturing plant in Fremont, California and currently manufactures Tesla's Model S, Model 3, Model X, and Model Y. It has been described as one of the world's most advanced automotive plants.

Elon Musk announced at the 2021 Shareholder Meeting that the company aims to increase production capacity at the Fremont Factory by 50% in the next couple of years.

THE SPECS

- 137,250 square feet;
- 915 feet long, 150 feet wide, 53 feet tall
- the structure fits two and a half football fields, 122 Model 3 sedans, or an assembly line
- Built in just three weeks



This whole thing that you see here was a pretty miraculous effort by the team to create a general assembly line out of nothing in three weeks. It was life or death," said Musk. "Those betting against the company were right by all conventional standards that we would fail. But they just did not count on this unconventional situation of creating an assembly line in a parking lot in a tent."

– Elon Musk, CEO, Tesla
(CBS 60 Minutes interview - December 9, 2018)



**WATCH THE 60 MINUTES
INTERVIEW WITH ELON MUSK:**

<https://youtu.be/Tyj6krDh7N8>

<https://www.cbsnews.com/amp/news/tesla-ceo-elon-musk-the-2018-60-minutes-interview/>



Why Sprung for the Automotive Industry

At Sprung, we get creative to deliver solutions that solve our client's complex business problems.

Our clear-span structures offer an abundance of space and can be used for anything from assembly lines to quality control, warehousing, or shipping and receiving. Sprung's structures can be used as a customized vehicle or equipment storage building with cargo doors that allow clearance for some of the world's largest vehicles.

With Sprung, our deep experience means we can deliver rapid solutions without cutting corners or compromising on quality. We're the best in the business because we've perfected our craft of building intelligent, innovative, cost-effective structures.

When partnering with Sprung on a build, you can focus on your core business while we provide:

- Rapid construction
- Design flexibility
- Performance & durability
- Lower overall costs

With Sprung, your new venue can be up and running faster, more cost-effectively and designed with your entertainment needs in mind.



The Sprung Difference

► SPRUNG CARES

Our teams work in some of the most vulnerable environments and harshest conditions. At Sprung, we are deeply committed to positively impacting the communities we serve and applying our innovative ideas to help solve complex problems.

► UNMATCHED REPUTATION

Invest in the most reliable, versatile, and technically advanced structures globally: Sprung has erected 13,000 structures in more than 100 countries.

► ENGINEERED FOR EXTREME CLIMATES

Sprung structures are engineered to withstand extreme weather conditions.

► IMMEDIATE DELIVERY FROM INVENTORY

Complete projects in a much shorter time frame than conventional construction.

► CUSTOMIZABLE

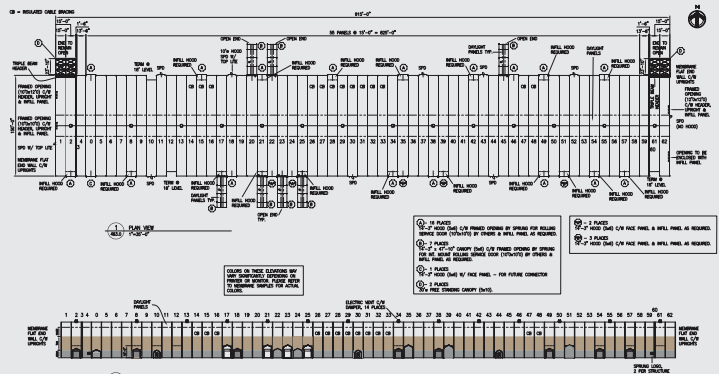
Customizations include performance insulation packages for superior indoor climate control, peak integrated daylight panels, doors and entryways for every application, and countless accessories.

► LIMITED FOUNDATION REQUIREMENTS

Save on foundation costs where appropriate soil conditions exist. Concrete foundations are not required for Sprung structures up to 160 ft. in width, saving time and cost for installation.

► COST-EFFECTIVE, COMPACT SHIPPING

Enjoy the convenience and cost savings of shipping up to 15,000 sq. ft. in a single, standard ISO container.





About Sprung

Sprung meets rapid-response building needs in education, healthcare, technology, aviation, recreation, commercial, and more.

Everyday students at the best schools in the world excel in our structures. The fastest growing, most innovative companies in the world use Sprung structures because they cannot wait for conventional construction. The military, energy companies, mining operations, even aid organizations house their workforce and store their critical equipment in our buildings. Tens of thousands of people walk through our corridors in the busiest airports around the globe. Communities come together, learn, exercise, compete, worship, and are entertained, all in Sprung structures.

Sprung has designed and patented fabric membrane technology that outperforms other building alternatives and offers a faster, better build. Year after year, we continue to engineer the most innovative, versatile, and reliable building solutions globally.

You can trust us to design-build your facility with speed and quality that far exceeds your expectations. Our experience proves it; our history demands it.

In business since 1887, Sprung has completed over 13,000 structures in more than 100 countries.

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