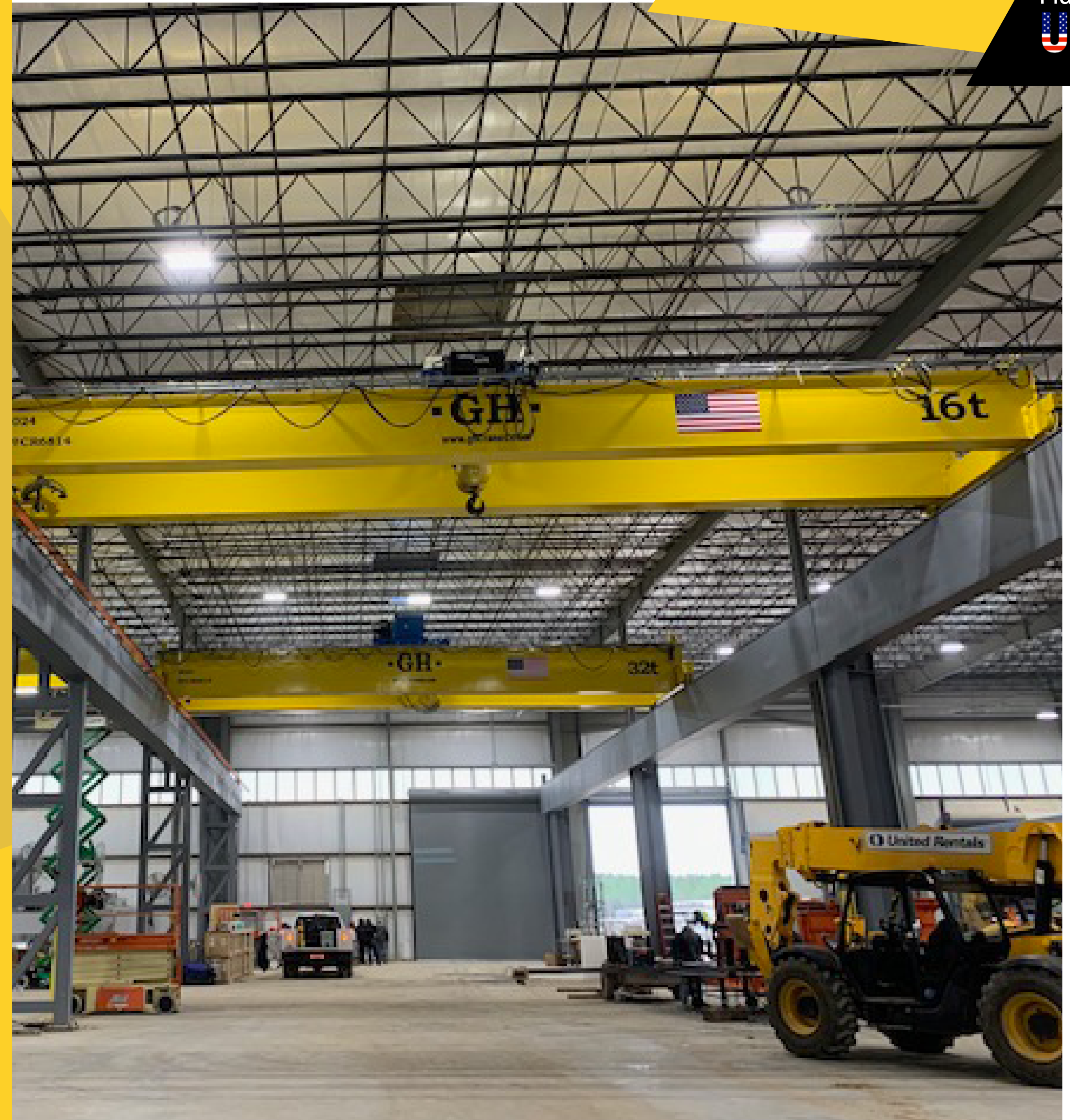


# 5 OVERHEAD CRANES TO IMPROVE PRODUCTIVITY AT A PRECAST CONCRETE PLANT IN MISSISSIPPI

We developed a custom system that combines **load capacity, operational fluidity, and safety**

**Our new Texas factory**, equipped with the latest technology, enables us to respond quickly to the demands of the North American market



## THE CLIENT

Our client is a company based in Mississippi, specialized in manufacturing precast concrete elements—an essential sector for infrastructure development in the United States, with strong demand driven by the growth of civil construction projects such as **roads, bridges, tunnels, and industrial or public buildings**.



## THEIR NEED

When the company reached out to GH Cranes USA, they needed to incorporate several high-capacity overhead cranes to maintain a steady and safe production flow.

Precast concrete elements—such as panels, beams, columns, and slabs—are manufactured under controlled plant conditions.

To move, position, and store these large and heavy components, **robust and reliable lifting solutions are required**, capable of operating at an intensive production pace.

## THE SOLUTION

After analyzing the production process and load-handling requirements, our technicians—working closely with the client's engineering team—designed and implemented **a customized system of five overhead cranes**. The solution included:

- **1 CMAA Class D, 32-ton overhead crane**, for handling the heaviest precast components.
- **3 CMAA Class D, 16-ton overhead cranes**, intended for simultaneous operations across different production areas.
- **1 automated 21-ton overhead crane**, equipped with an advanced control system provided by one of our specialized technology partners.

This configuration combines load capacity, operational agility, and a high level of safety—ideal for the demanding pace of precast concrete production.

## BENEFITS

Some of the key advantages our client gained by choosing GH Cranes USA as their overhead crane provider include:

**LOCAL SUPPORT AND SHORTER LEAD TIMES.** Thanks to the recent opening of our new production facility in Texas—equipped with the latest technology—we're able to deliver faster service, greater responsiveness to technical needs, and shorter lead times. This is critical for industrial environments where downtime is not an option.

**HIGHER OPERATING SPEEDS.** GH Cranes USA overhead cranes are designed to operate at higher speeds. This enables efficient material handling, reduces manufacturing time, and results in increased productivity.

**LOW MAINTENANCE.** Achieved through precise engineering and the use of high-quality materials, minimizing wear and lowering maintenance demands.



## WHY GH CRANES USA?

- We are one of the top 5 crane manufacturers worldwide.
- Over 125,000 cranes installed in 70 countries, with a presence across all major industries.
- Full control of every stage of the process—from design and engineering to manufacturing and commissioning.
- Every project is a **tailored solution**, designed to maximize productivity and adapt to real-world working environments.
- Our cranes are known for exceptional reliability, built to minimize downtime and keep production moving.



GH Cranes USA Private Limited  
**[ghusa@ghcranes.com](mailto:ghusa@ghcranes.com)**  
14891 State Hwy 205, Terrell, TX 75160,  
Estados Unidos  
**T:+1 972-563-8333**