

To make the main beam of the lowboy trailer, as well as the working plate, from high-strength steel to ensure sufficient strength and durability for carrying heavy cargo. In addition, the trailer has a 4-axle design to spread the weight and provide better stability.

Therefore, users typically employ lowboy trailers to transport large and heavy cargo, such as various equipment on construction sites, excavators, bulldozers, engineering vehicles, etc.

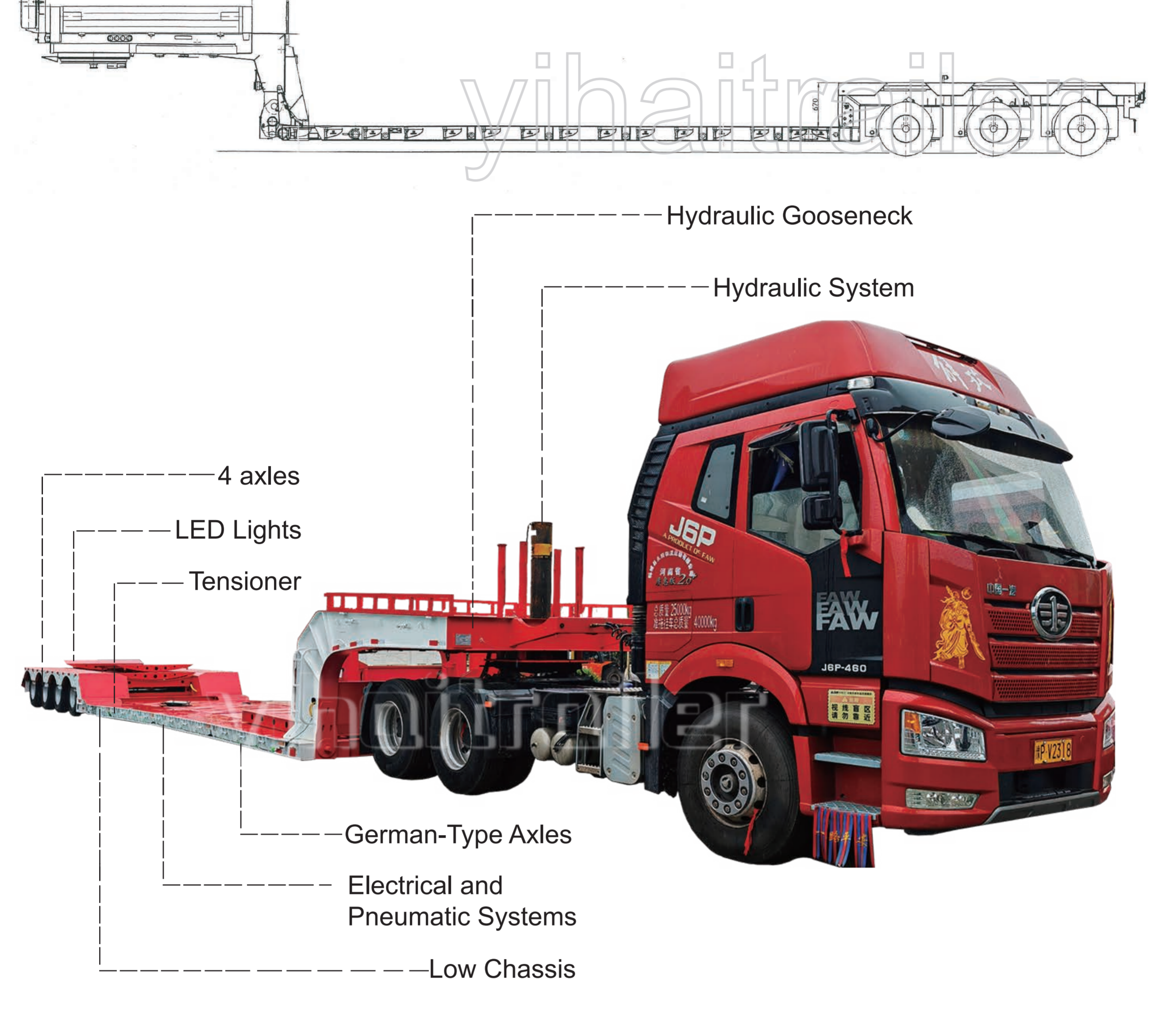
These trailers usually require special permits and prescribed routes because they may be wider, longer, and heavier than ordinary trucks during transportation, and may need to adhere to strict regulations and safety standards.



1. Firstly, one of the main advantages of lowboy trailers is that they have very low plate, which makes them suitable for transporting cargo that may exceed the height limit on ordinary roads. Therefore, cargo can easily pass through bridges, tunnels and other low-altitude passages.
2. Secondly, we manufacture lowboy trailers to carry large, heavy cargo., so they have a high load capacity. As a result, this makes them suitable for transporting a variety of heavy machinery, construction equipment and other large cargo.
3. Thirdly, due to their low bed and multi-axle design, lowboy trailers generally have good stability during transportation. Therefore, this helps reduce wobbles in the cargo, reducing the risk of damage.

## SPECIFICATION&DRAWING

Specification	
Overall Length	16,500mm
Fixed Overall Width	3,000mm
Overall Height	1,850mm
Working Plate Height	300mm
Walking System	
Suspension	Heavy Load Air Suspension
Axles	13 Tons; German/AMERICA Type
Tyre	8.25-20*12pcs
Tool Box	Customized Long Toolbox
Side Protection	Customized Long Toolbox
Color	Customized
Hydraulic System/Cylinder	2 pcs



## DETAILS OF TRAILER

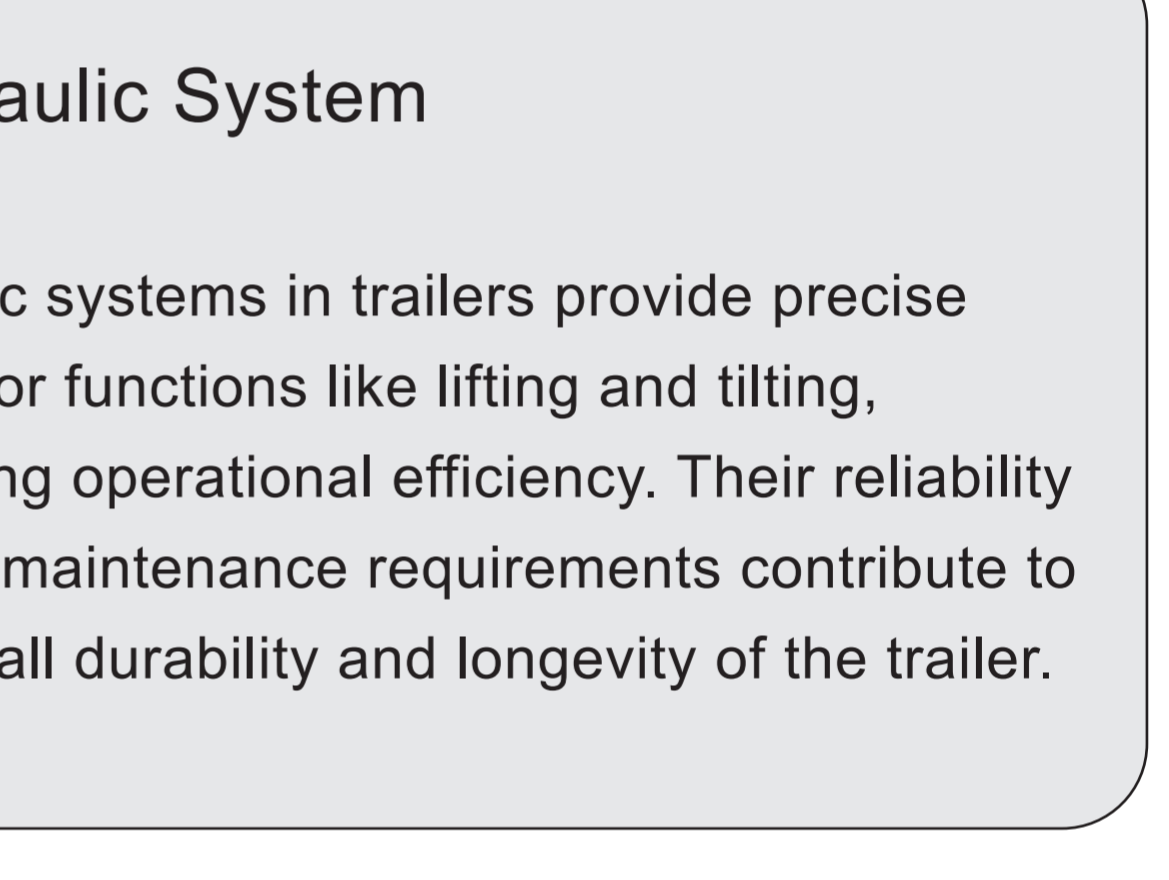
**--Gooseneck Design**

Gooseneck designs provide enhanced stability and weight distribution, making them a preferred choice for towing heavy loads. Their design allows for tighter turns and improved maneuverability, contributing to a smoother towing experience.



**--Hydraulic System**

Hydraulic systems in trailers provide precise control for functions like lifting and tilting, enhancing operational efficiency. Their reliability and low maintenance requirements contribute to the overall durability and longevity of the trailer.



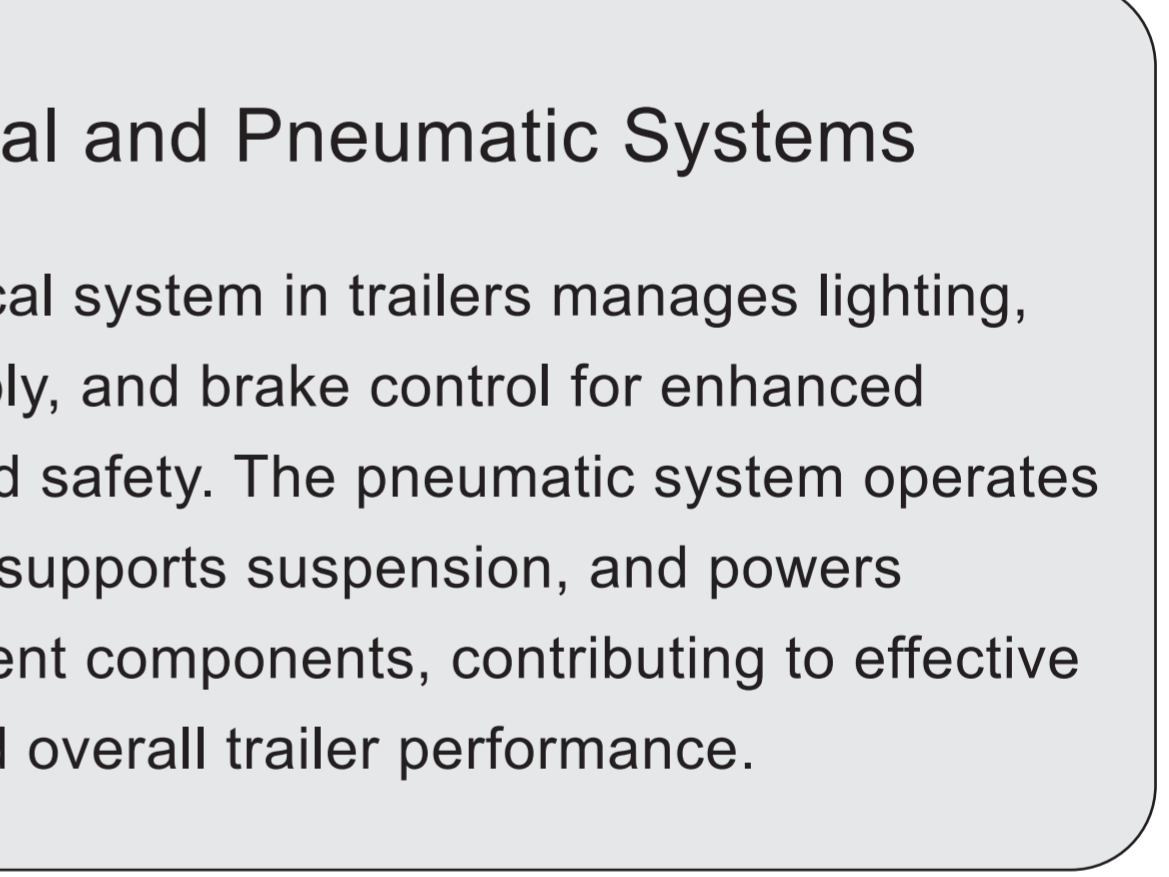
**--German-Type Axles**

German-type axles excel with durability, low maintenance, and integrated brakes, making them versatile and widely accepted in the transport industry. Their robust construction and lightweight materials contribute to improved fuel efficiency and payload capacity.



**--Electrical and Pneumatic Systems**

The electrical system in trailers manages lighting, power supply, and brake control for enhanced visibility and safety. The pneumatic system operates air brakes, supports suspension, and powers air-dependent components, contributing to effective braking and overall trailer performance.



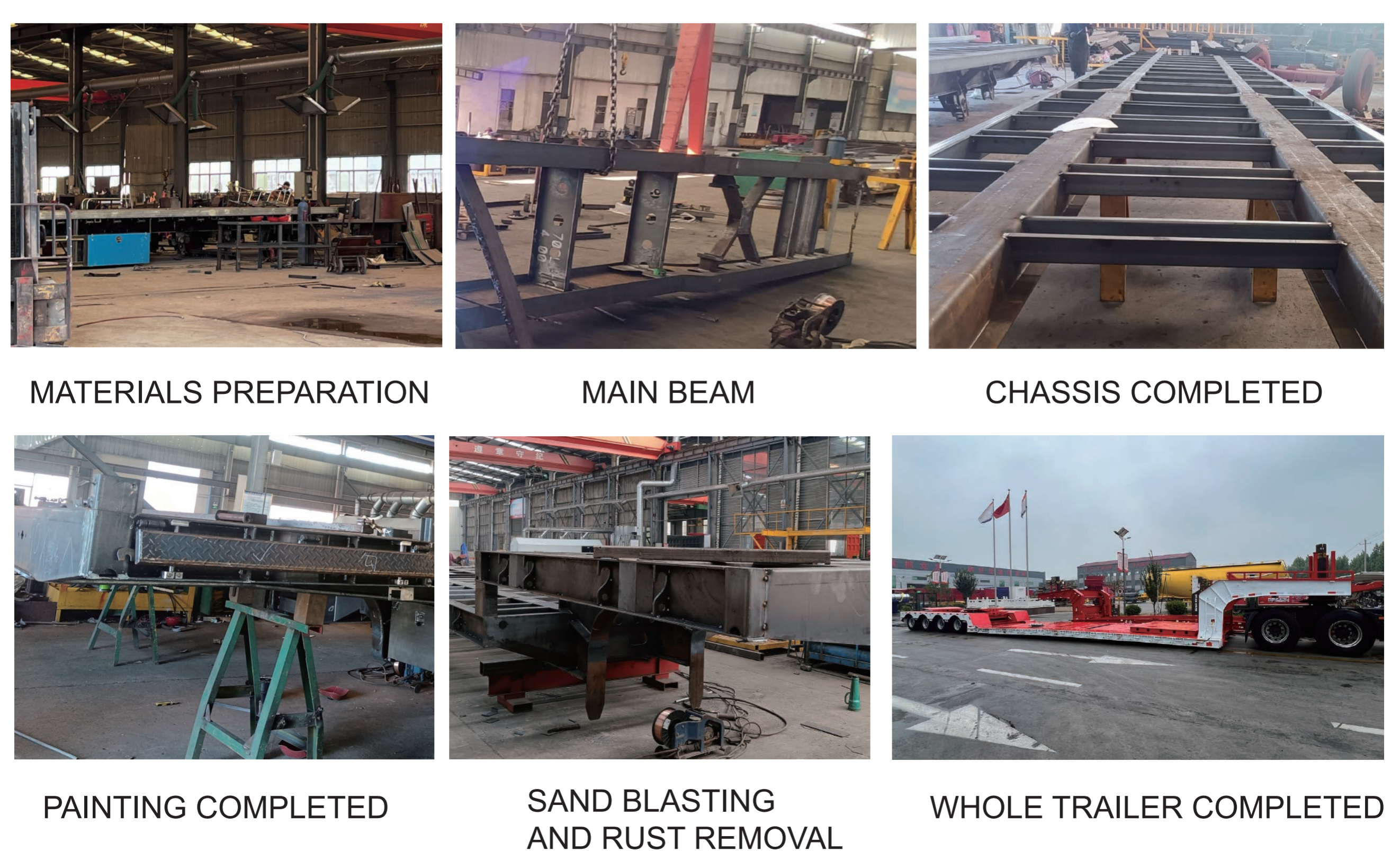
## Some of the goods that lowboy trailers can transport include:

1. **Heavy Construction Equipment:** Lowboy trailers are commonly used to transport heavy construction machinery such as excavators, bulldozers, cranes, and loaders.
2. **Mining Equipment:** They are suitable for hauling large mining equipment, including dump trucks, loaders, and drilling rigs.
3. **Agricultural Machinery:** Lowboys can transport oversized agricultural equipment like tractors, combines, and other farm machinery.



A lowboy trailer is a special type of trailer typically used to transport cargo of greater height and weight, such as construction equipment, heavy machinery, large containers, and other ultra-height cargo. The main feature of this trailer is that its working plate is very low, allowing the goods to maintain a lower height during transportation, which helps to avoid height restriction issues during transportation.

## PRODUCTION PROCESS



## FAQ

1. Is the suspension system of this trailer air suspension?  
---Yes, a complete air suspension system for a 4-axle trailer.
2. Is the trailer's cargo floor adjustable?  
---Yes, it is adjusted through the air bags of the air suspension.
3. How can the height of the gooseneck better match the height of the cargo floor during lifting and lowering?  
---The trailer is equipped with a gooseneck hydraulic traction plate lifting system. When the cargo floor is lifted and lowered, the height of the gooseneck is adjusted accordingly.