

## **The details parameters of Sany STC800S truck crane**

The STC800S utilizes a double-axle drive that provides good trafficability and comfort under complex road conditions with reliable performance. The engine has a multimode power output function which reduces power consumption. The use of tipping over early-warning technology helps keep you safe on the job.

### **Excellent and stable chassis performance**

All-wheel steering: the first and second axles are mainly steering axles which are controlled by mechanical handle; the third and fourth axles are the auxiliary steering axles which are controlled by electronic and hydraulic system. The third and fourth axles could be locked which ensures the small turning radius and trafficability. The pressure of outriggers could be displayed in the control cab.

### **Highly sensitive load lifting capacity**

Features a five-section boom made from high-strength steel and an optimized U-shaped section which reduce weight and significantly improve safety. Jib mounting angles are 0°, 15°, and 30° to allow quick change-overs between different operating conditions so as to improve working efficiency of the machine.

### **Efficient and adjustable hydraulic system**

Hydraulic system which gives constant load feedback and power control and piston pump can provide powerful lifting capacity and excellent micro-mobility. The STC800S truck crane's unique steering buffer design guarantees smooth braking operation.

### **Intelligent electric control system**

Uses a self-developed SYMC controller specially designed for engineering machinery. The application of CAN-bus fully digital network control technology ensures stable control signal, simple harness and high reliability. It can provide feedback on data and monitor the working condition of whole crane in real-time.

### **Safety devices**

The load moment limiter is configured with comprehensive intelligent protection system that achieves precision within  $\pm 3\%$ . By using a comprehensive logic and interlock control system, the STC800S ensures safe and reliable operation.