

## **The details parameters of STC250H truck crane**

STC250H truck crane achieves intelligent electronic control. Self-developed controller SYMC special for engineering machinery is configured. The adoption of CAN-bus full-digital network control technology ensures stable control signal, simple harness, and high reliability. Timely feedback of data information can achieve the monitoring of the overall working status in real time.

### **Powerful Lifting Capacity**

STC250H 25 ton crane has five-section boom of high strength steel structure and optimized U-shaped cross section with max.lifting capacity of 25t, full-extended boom length of 33.5m, max.lifting height including jib of 42m, reduce weight and improve safety significantly.

Jib mounting angles are 0°, 15°, and 30°, which ensure fast and convenient change-over between different operating conditions so as to improve working efficiency of the machine.

### **Efficient & Adjustable Hydraulic System**

Load sensitive variable plunger pump is applied to provide real time adjustment of pump displacement, high-accuracy flow control, strong lifting capacity and good micro-mobility. Unique steering system is applied to ensure stable braking operation.

### **Excellent Traveling Performance**

Double-axle drive is applied to provide good mobility. Trafficability and comfortableness under the complex road condition is improved with reliable traveling performance;

Engine has the multimode power output function, which reduces power consumption.

### **Load Moment Limiter**

Equipped with the comprehensive intelligent protection system is used with accuracy within 3%. The adoption of comprehensive logic and interlock control system ensures more safe and reliable operation.

### **More Safe Devices**

Main and auxiliary winches are equipped with over roll-out limiter to prevent over rolling-out of wire rope.

Boom and jib ends are equipped with height limiters respectively to prevent over-hoisting of wire rope.

Hydraulic system is configured with the balance valve, overflow valve and two-way hydraulic lock etc., to ensure stable and reliable operation.