

The details parameters of Sany STC1300C truck crane

Sany STC1300C truck crane adopts creative counterweight pushing technology. With full-counterweight weight of 40t, when counterweight is pushed backwards for 860mm, stability of the boom can be improved by up to 25%, thus improving lifting capacity and stability.

Powerful Lifting Capacity

The 130 ton truck crane adopts six-section boom of high strength steel structure and optimized U-shaped cross section with max.lifting capacity of 130t, full-extended boom length of 60m, jib length of 18.1m, max.lifting height including jib of 78.1m, 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 & Unique Hydraulic System

Self-developed dual-pump converging / diversion main valve is used. Converging flow of the single-action dual-pump ensures fast operation and high efficiency; combined-action dual-pump diversion system is applied to ensure stable controllability;

Electric proportional variable displacement piston pump is used to ensure high-accurate flow control, higher efficiency and energy saving.

Excellent Traveling Performance

5-axle chassis with multiple braking modes are applied to provide more reliable traveling performance; The use of tipping over early-warning technology guarantees high stable and safe operation.

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.

The 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.