

Sany SRT 300T (CRA050)

Serial no. RC0030CE0531

Import: TIP

Machine Hours: 1236

Year: 2024/07

Lifting Capacity: 30T/3M

Boom Length: 35m (Max Lift Height: 44m)



Specifications:

Engine:

Engine Power comes from a DF Cummins ISDE 270 inline six-cylinder water-cooled, turbocharged and intercooled diesel engine, complying with Stage III emission standard. Rated power: 198kW/2500rpm. Max. torque: 970N·m/1400rpm.

Transmission:

Dana electronically controlled auto transmission features 6 speeds forward and 3 speeds reverse, wide ratio range, and smooth gearshift with reduced maintenance cost.

Axle and suspension:

Meritor axles, both axles are driven and steered. Front axle is mounted to the frame by independent steel plate, and rear adopts oscillation cylinders with hydraulic lockout. Driving comfort and lateral stability is therefore guaranteed on rough terrains and conditions.

Smart CAN-BUS communication system:

International advanced CAN-BUS data communication network applied for display, instrument panel, I/O module, joysticks and main sensors, allowing for high-speed data transmission and quick response in less than 20ms.

Cabling:

Centralized electric cabinet and heavy-duty connector applied for cabling of superstructure, convenient for maintenance; IP67 protection rating, ensuring high reliability.

Winch camera (optional):

Winch cameras equipped for monitoring its working condition and identifying rope disorder in time.

Integrated bus button panel input:

Various operating states displayed by button indicator lights, and one-button multi-functional operation realizable by writing various operation modes.

Multi-functional screen:

Large 10.1 inch HD touch screen display with all new interface. Incorporated crane setup, load charts, working conditions, working period, virtual wall, radio and diagnostics with an additional navigation knob.

Precise load moment indicator:

SANY independently developed LMI, accuracy of 0 ~ 5%.

Hydraulic system:

Four section boom extended by single cylinder with rope arranger. Synchronized telescoping of variable lengths for more applications with higher efficiency.

Superstructure:

Open-type electronically controlled load-sensing system. Electro proportional compensated passive luffing-down system applied to control the luffing speed, making luffing more reliable and stable. 360° slewing in both directions, precise control of slewing speed. Electronically controlled load-sensing hydraulic system, electronic joystick and electronic throttle, ensuring easy operation and more accurate control and millisecond-level action response speed, with min. single-rope hoisting speed 0.8m/min, and distribution difference in case of combined motions 8%.

Chassis:

Steering system A gear pump installed to supply oil for hydraulic steering, steering pressure controlled by electro-proportional relief valve, four steering modes realized by solenoid directional valve. Suspension system Different modes including normal driving and Pick & Carry with suspension locked, suspension to be locked when the crane is working. Outrigger telescoping system The electro proportional relief valve identifies pressure staging of outrigger telescoping, satisfying operation requirements under high pressure and forming protection under limited pressure.



Maintenance History:

Date	Job Description	Plant Number	Machine category	Parts ordered	Yes / No	Hours / km	Date closed
13/07/24	500 hour service	CRA 050	Sany crane 30T	✓		500 hours	13/07/24
19/07/25	1000 hour service	CRA 050	Sany crane 30T	✓		1000 hours	01/07/25
13/04/25	Replace ignition switch (key was lost)	CRA 050	Sany crane 30T	✓		733 hours	13/04/25
18/05/25	fit new windspeed miter	CRA 050	Sany crane 30T	✓		650 hours	18/05/25
27/02/25	Monthly inspection	CRA 050	Sany crane 30T		✓	653 hours	27/02/25
30/03/25	Monthly inspection	CRA 050	Sany crane 30T		✓	690 hours	30/03/25
30/04/25	Monthly inspection	CRA 050	Sany crane 30T		✓	755 hours	30/04/25
30/05/25	Monthly inspection	CRA 050	Sany crane 30T		✓	866 hours	30/05/25
30/06/25	Monthly inspection	CRA 050	Sany crane 30T		✓	945 hours	30/06/25

