

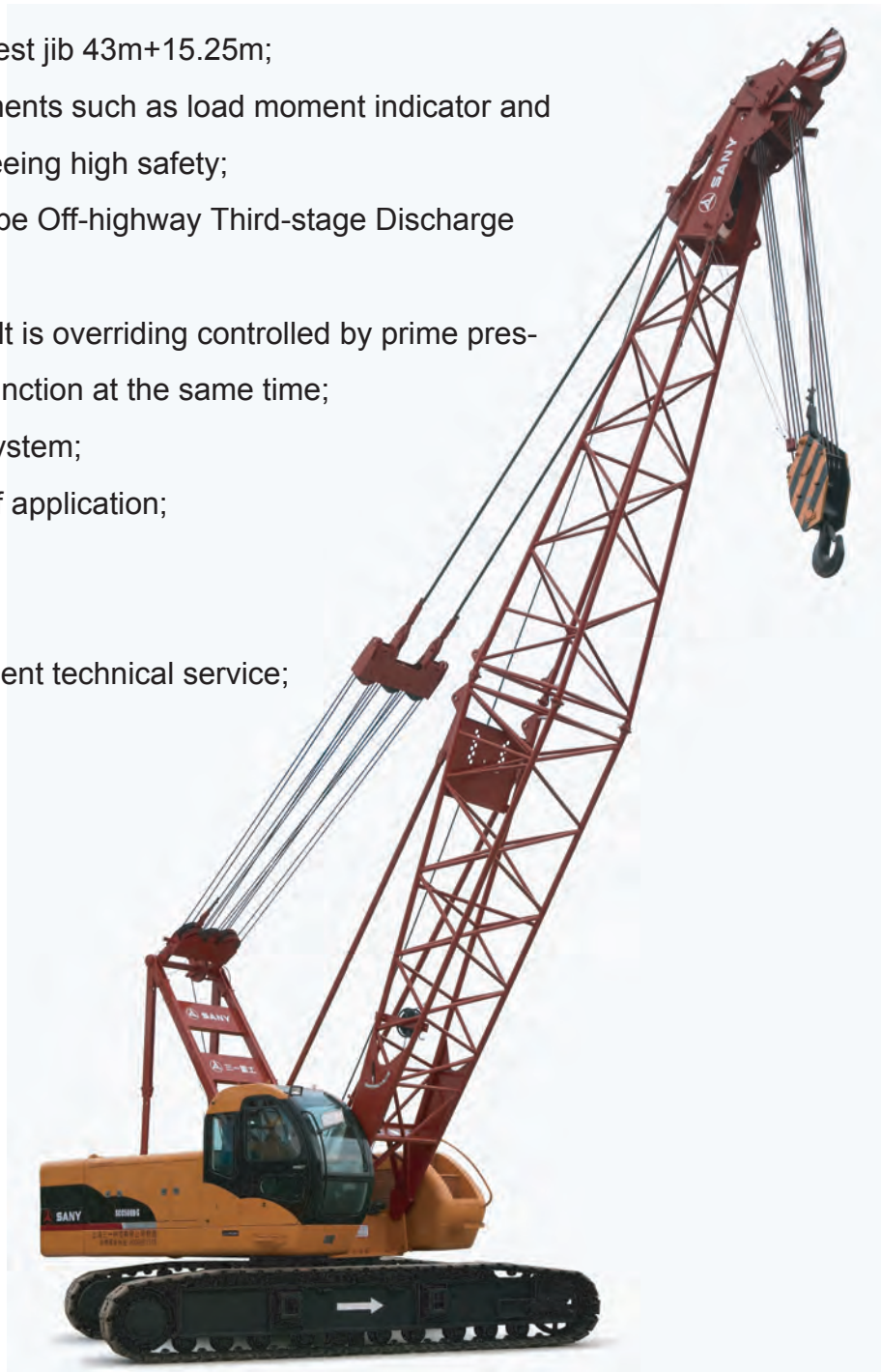


# SANY

The Essence of Sany Brand Lies In Its High Reliability

## SCC500D Hydraulic Crawler Crane

- Rated lifting load 55t;
- The maximum lifting moment 55 3.7 t•m;
- Boom's length 12 m~52m;
- The longest boom +the longest jib 43m+15.25m;
- Equipped with safety equipments such as load moment indicator and automatic safe pawl, guaranteeing high safety;
- The engine meets with Europe Off-highway Third-stage Discharge Standard (Europe III);
- Division power regulation belt is overriding controlled by prime pressure, realizing load-sensing function at the same time;
- Independent closed swing system;
- Great line pull, wide range of application;
- Optional free fall;
- Optional fixed jib;
- Professional and highly efficient technical service;





## Key Technical Parameters of SCC500D Crane

| Item                      |  | Unit  | Technical Performance Parameters        |
|---------------------------|--|-------|---|
| Boom work condition       | Rated lifting load                               | t     | 55                                      |
|                           | The maximum lifting moment                       | t•m   | 55×3.7                                  |
|                           | Boom's length                                    | m     | 13~52                                   |
|                           | Boom's luffing angle                             |       | 30°~78°                                 |
| Fixed jib work condition  | Boom's length                                    | m     | 22~43                                   |
|                           | The jib's length                                 | m     | 6.1~15.25                               |
|                           | The longest boom +the longest jib                | m     | 43+15.25                                |
|                           | Boom's luffing angle                             |       | 30°~78°                                 |
| Speed data                | Rope speed of main winch                         | m/min | 0~110                                   |
|                           | Rope speed of aux. winch                         | m/min | 102/63                                  |
|                           | Rope speed of main luffing                       | m/min | 0~73                                    |
|                           | Swing speed                                      | rpm   | 0~3.2                                   |
|                           | Travel speed                                     | km/h  | 1.39                                    |
|                           | Gradeability                                     | %     | 30                                      |
| Engine                    | Model  |       | Cummins QSB6.9                          |
|                           | Output power                                     | kW    | 128                                     |
|                           | Rated speed                                      | rpm   | 2000                                    |
| Transportation parameters | Weight of the whole machine                      | t     | 49                                      |
|                           | Counterweight                                    | t     | 16.5                                    |
|                           | The maximum transport weight of a single article | t     | 29.2                                    |
|                           | Transport dimension<br>(length×width×height)     | mm    | 7000×3300×3260(excluding the boom base) |
|                           | Ground pressure(basic boom)                      | MPa   | 0.061                                   |

## Main Dimensions

- Our products are being improved continuously, thus no notice will be given concerning the change of design and specs ;
- Product specs and configurations vary with the needs of different countries and districts. Please contact us for details.

