



## SCC8300 Evolutionary Cab

**SANY**

Quality equipment,  
superior customer support,  
global technologies...  
that's what makes SANY  
stand out. We are  
dedicated to designing  
and building the best  
equipment in the business.



### Incredible Control/Less Fatigue

Spacious Interior. New roomy operator seat. Ergonomically positioned joysticks. The custom molded interior covers and integrated heater and A/C unit for maximum operator comfort.

### Stylish Operator Cab Designed by Porsche

The cab maximizes glass space for optimal operator visibility. The working lights and light bar are standard and well positioned. Wide door for easy entry.

### Central Command Console

Sany designed LMI is prominently displayed. It is user friendly, simple to set up and operate. The console also features large tv monitors.



SANY America, unveiled it's North American manufacturing and support facility in 2011. The plant will incorporate global technologies throughout engineering, manufacturing, finishing, testing in these support facilities. The latest SANY quality assurance procedures will be applied to every product manufactured here.



The Shapes of Things to Come. SANY...Investing in America.



100 World Dr. Suite 218, Peachtree City, GA 30269  
Tel: 678-251-2869 Fax: 770-631-7731 • Email: [sales@sanyamerica.com](mailto:sales@sanyamerica.com) • [www.sanyamerica.com](http://www.sanyamerica.com)

SCC8300-3a-11 © SANY 2011



**SANY**  
AMERICA INC.



Crawler  
Crane  
SCC8300

Superior Design. Performance. Support.





## SCC8300 Features

**SANY**

### Advanced Manufacturing

Robotic welds ensure repeatable, high quality welds throughout chassis, superstructure and all boom sections.



### Advanced Electronics

Sany designs and manufactures the electrical and intelligence systems to control quality, efficiency and performance.



### Operator Aids

Sany Crawler Cranes feature comprehensive operator aids including: Anti-Two Block (ATB), 3-Wrap Protection, Assembly/Working Mode Switch, Boom Limit, Winch Brake, Aircraft Warning Light, Anemometer, Level Indicator, Function Cut-out, Emergency Operating System, Optional Remote Monitoring System and Boom Walkways.

### Self Assembly

From the self assembly cylinder to the carbody outriggers, the Sany SCC8300 was designed to be quickly self assembled.



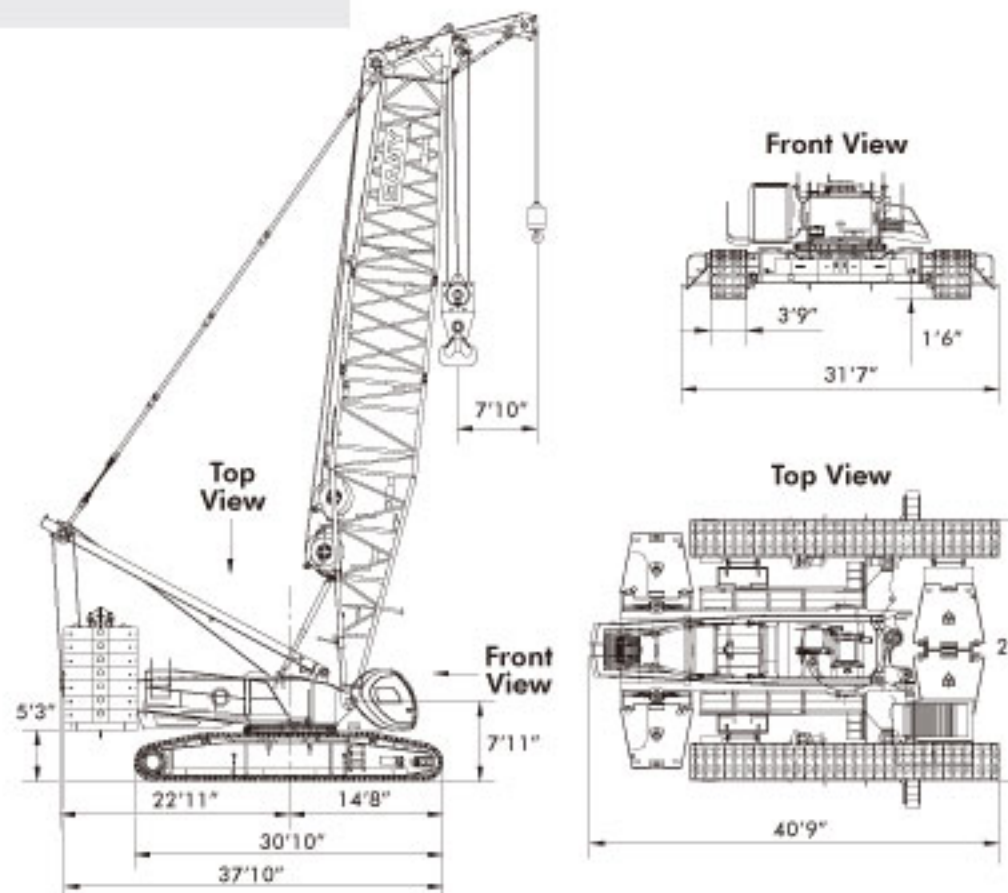
**SANY**

## Specifications



### Comprehensive Testing

Third Party Verification to meet: Chinese National Standards European Union ..... EN13000 United States ..... ANSI B30.5



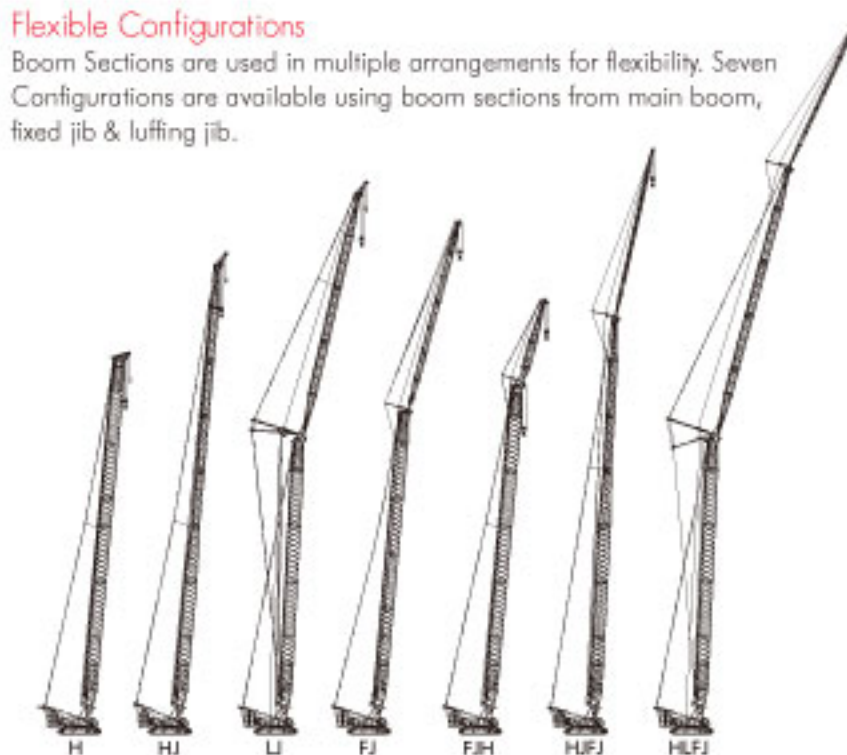
### Transportability

Built for transportation on US highways. Main Body is less than 100,000 lbs. Transport width is less than 10 feet. 13 Additional Load Out Trailers for Main Boom Setup ...each less than 56,000 lbs. Add 2 more for full Luffing Jib

|                         |                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Engine</b>           | Cummins QSM11 Tier 3 diesel engine [Tier4 - optional]<br>Rated power: 400 hp @ 1800 rpm<br>Rated output torque: 1400lb-ft @ 1400 rpm<br>277 gallon diesel fuel tank                                                                                                                                            |
| <b>Hydraulic System</b> | Open loop circuit for main system and close loop circuit for swing system.<br>Electric-over-hydraulic control components.<br>Three 200 gallon oil return filters with multiple pressure alarm, filter plugging alarm, and counterbalance valve for each open circuit motor.<br>225 gallon hydraulic reservoir. |
| <b>System Voltage</b>   | 24 Volt [2 x 12V 1400 CCA]                                                                                                                                                                                                                                                                                     |
| <b>Swing System</b>     | Swing is driven by a single motor with large displacement and planetary gear reducer, automatic load centering and 360° rotation.<br>The maximum swing speed is 1.85rev/min.                                                                                                                                   |
| <b>Counterweights</b>   | Carbody counterweight:<br>125,776 lb total (4 counterweight blocks, 2 trays)<br>Superstructure counterweight:<br>282,192 lb. total (14 counterweight blocks, 1 tray)                                                                                                                                           |

### Flexible Configurations

Boom Sections are used in multiple arrangements for flexibility. Seven Configurations are available using boom sections from main boom, fixed jib & luffing jib.



| Boom          | Configuration & Lengths                                                   | Maximum Tip Height |
|---------------|---------------------------------------------------------------------------|--------------------|
| Main Boom (H) | • 65 - 302 ft Boom<br>(Available in 13 boom lengths)                      | • 308 ft           |
| Optional Boom | • High Lift (HJ): 328 ft H+L                                              | • 374 ft           |
|               | • Luffing Jib (LJ): 203 ft H & 217 ft LJ                                  | • 420 ft           |
|               | • Fixed Jib (FJ): 223 ft H & 138 ft FJ                                    | • 367 ft           |
|               | • Heavy Duty Fixed Jib (FJH): 243 ft H & 59 ft FJ                         | • 308 ft           |
|               | • Extended Reach Fixed Jib (HJFJ): 288 ft H+L & 121 ft FJ                 | • 417 ft           |
|               | • Luffing & Fixed Jib Combination (HLFJ): 203 ft H & 197 ft LJ & 37 ft FJ | • 515 ft           |

### Cummins Engine



### Rexroth Pumps



### Diepa Wire Rope



| SCC8300 MAIN BOOM LOAD CHART |                  |        |        |        |        |        |        |
|------------------------------|------------------|--------|--------|--------|--------|--------|--------|
| Lead Rad (ft)                | Boom Length (ft) |        |        |        |        |        |        |
|                              | 66               | 105    | 144    | 184    | 223    | 262    | 302    |
|                              | Capacity (lb)    |        |        |        |        |        |        |
| 16                           | 661386           |        |        |        |        |        |        |
| 20                           | 573201           |        |        |        |        |        |        |
| 23                           | 520290           | 496040 |        |        |        |        |        |
| 26                           | 451947           | 429901 | 405650 |        |        |        |        |
| 30                           | 401241           | 394627 | 365967 | 329591 |        |        |        |
| 33                           | 359794           | 354062 | 326284 | 304238 |        |        |        |
| 39                           | 299838           | 294758 | 274034 | 251327 | 231485 | 206352 |        |
| 46                           | 256618           | 251327 | 240524 | 221123 | 203707 | 192243 | 149694 |
| 52                           | 221123           | 219801 | 207675 | 192022 | 177692 | 164244 | 137789 |
| 59                           | 188275           | 188495 | 182102 | 169094 | 156748 | 145284 | 128750 |
| 66                           |                  | 163583 | 161378 | 150355 | 139552 | 129411 | 121475 |
| 79                           |                  | 127427 | 125884 | 121695 | 113097 | 104940 | 95681  |
| 92                           |                  | 102735 | 101413 | 99208  | 93696  | 86642  | 78705  |
| 105                          |                  |        | 83776  | 81571  | 78705  | 72312  | 65036  |
| 118                          |                  |        | 70327  | 68343  | 65698  | 61068  | 54675  |
| 131                          |                  |        | 59745  | 57761  | 55116  | 52029  | 45856  |
| 144                          |                  |        |        | 49163  | 46738  | 44092  | 38581  |
| 157                          |                  |        |        | 42108  | 39904  | 37038  | 32408  |
| 171                          |                  |        |        |        | 33951  | 31306  | 27117  |
| 184                          |                  |        |        |        | 28881  | 26235  | 22708  |
| 197                          |                  |        |        |        |        | 24471  | 21046  |
| 210                          |                  |        |        |        |        |        | 18298  |
| 223                          |                  |        |        |        |        |        | 14991  |
| 236                          |                  |        |        |        |        |        | 11905  |
| 249                          |                  |        |        |        |        |        | 8598   |
| 262                          |                  |        |        |        |        |        | 5512   |
| 275                          |                  |        |        |        |        |        | 4409   |

