

# SENEBOGEN

PRELIMINARY



**283** kW (Stage V)  
**254** kW (Stage III)



**180 t / 200 t**



**MAX CAB**

# 5500G

Crawler crane

Stage V

# 5500G Advanced. The G-Series.



1976-1995: S 1225 crawler crane with fly boom to lift casing boards

## What makes up the G-Series

- 50 years of experience in construction of lattice boom and crawler cranes
- Uncompromisingly high performance in all areas
- Technology that can be mastered: High-quality components without over-engineering
- Long product service life and high value retention

## Your top benefits:

1

### Green Efficiency

Save fuel - reduce operating costs  
Work quietly - protect operator and environment



2

### Top-level performance

Robust boom system - operates up to a 4° tilt

3

### Maximum operating comfort

Comfortable Maxcab operator cab - relaxed work  
SENCON - SENNEBOGEN Control System



4

### Flexibility in use

Driving under load - low space requirement  
Strong undercarriage traction - good all-terrain mobility

5

### Easy transport

Star-Lifter undercarriage - quickly ready for use  
Ballast support system - short set-up time

6

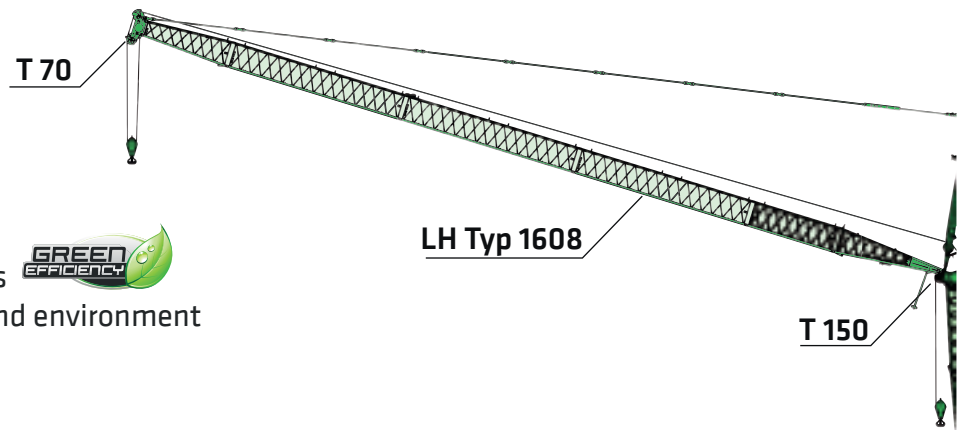
### Maintenance and service made easy

Easy fault diagnosis - central measuring points  
Easy maintenance - clear labeling

7

### Consultation and support

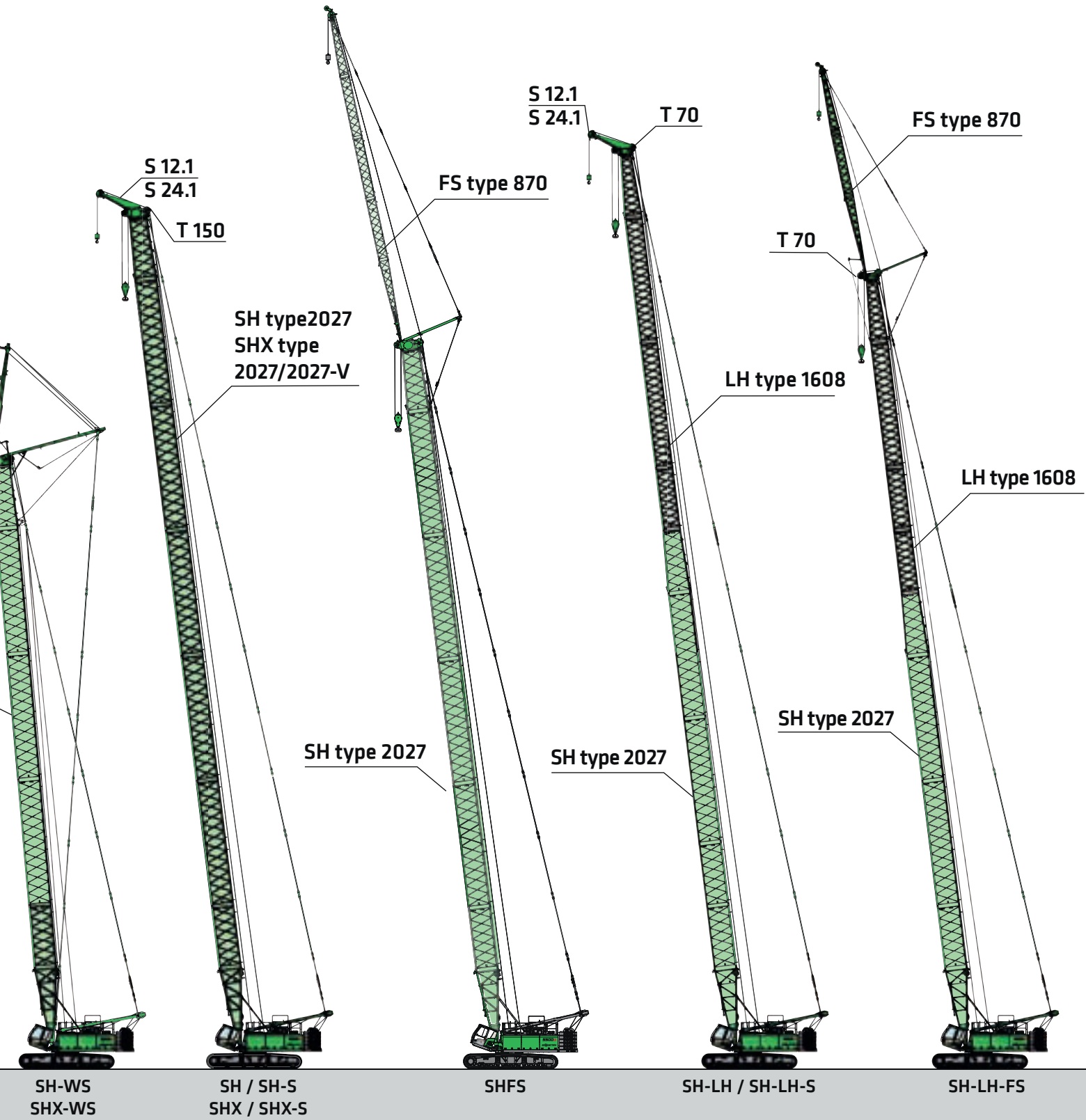
3 production sites - 2 subsidiaries  
150 sales partners - over 350 service stations



SH type 2027  
SHX type 2027/2027-V

Subject to change. Additional options available upon request.

# 5500G



# 5500G Technical data, equipment

## MACHINE TYPE

Model (type) **5500**

## ENGINE

|                       |   |
|-----------------------|---|
| Model                 | <b>Cummins L9, Stage V:</b><br>Rated Power: 272 kW / 370 PS at 2100 rpm<br>Operating Point: 283 kW / 385 PS at 1800 rpm<br><b>Cummins QSL9, Stage IIIa:</b><br>Rated Power: 227 kW / 309 PS at 2000 rpm<br>Operating Point: 254 kW / 345 PS at 1800 rpm |
| Cooling               | Water-cooled  |
| Diesel filter         | With water separator  |
| Air filter            | Dry filter with pre-separator, automatic dust discharge, main element and safety element, contamination indicator   |
| Fuel tank             | <b>785 l (center of the sight glass)</b>  |
| AdBlue Tank           | <b>75 l</b>   |
| Electr. system        | <b>24 V</b>   |
| Electric installation | Easy and very clear   |
| Batteries             | <b>2 x 155 Ah</b> , main switch   |
| Options               | <ul style="list-style-type: none"> <li>■ Low-temperature package with engine pre-heating and heated diesel filter</li> <li>■ Electric fuel pump</li> </ul>  |

## UPPERCARRIAGE

|                   |  |
|-------------------|--|
| Design            | Torsion-resistant box design, precision crafted, bronze bushings for boom bearing arrangement, clear and very service-friendly concept, engine installed in the longitudinal direction, ballast support fixture  |
| Electrical system | Central electrical distributor   |
| Lighting          | LED headlights for optimal illumination of the work area   |
| Safety            | Camera monitoring of the rear area and on the right side   |
| Options           | <ul style="list-style-type: none"> <li>■ Maritime climate varnish as corrosion protection</li> <li>■ Low temperature package</li> <li>■ Ballast support fixture</li> <li>■ Pinion tooth lubrication for slewing ring, outer</li> <li>■ Automatic central lubrication system for equipment and slewing ring</li> <li>■ Further cameras on customer request</li> <li>■ Upper-carriage raiiling right + left</li> </ul> |

## HYDRAULIC SYSTEM

|  |  |
|--|--|
| Multi-circuit hydraulic system for optimal function and capacity, all movements can be run simultaneously. |  |
| Pump type  | The hydraulic pumps are variable displacement piston pumps with individual control and energy-saving flow-on-demand control.   |
| Pump control   | The pumps only supply as much oil as is actually consumed. Pressure cut-off, load limit sensing control  |
| Operating pressure   | max. <b>330 bar</b>  |
| Filtration   | High-performance filtration with long-term change interval, contamination indicator  |
| Hydraulic tank   | <b>max: 750 l / 575 l (center of the sight glass)</b>  |
| Control system   | Proportional, precision hydraulic servo control of the movements, 2 servo joysticks for work functions, supplemental functions via switches and foot pedals – arranged clearly and ergonomically.<br>High energy efficiency due to large-dimensioned hydraulic valves and lines. Measurement connections in the hydraulic circuits |
| Sicherheit   | Hydraulic circuits secured with safety valves  |
| Options  | <ul style="list-style-type: none"> <li>■ Bio-oil</li> <li>■ SENNEBOGEN HydroClean micro-filter system with water separator</li> </ul>  |

## SLEWING DRIVE

|                    |  |
|--------------------|--|
| Gearbox            | Compact planetary gear with slant-axis hydraulic motor, integrated brake valves    |
| Slewing gear brake | Spring-loaded multi-disk brake   |
| Slewing ring       | Roller bearing rotary connection with exterior gearing                             |
| Slewing speed      | <b>0-2.5 rpm</b> , 3 adjustable slewing speeds                                     |
| Options            | <ul style="list-style-type: none"> <li>■ Positioning slewing gear brake</li> </ul> |

# 5500G Technical data, equipment

## CAB

|               |   |
|---------------|---|
| Cab type      | Maxcab, tiltable 20°  |
| Cab equipment | Sliding door, sliding window in operator door, excellent ergonomics, approx. 0.8 m outwards and hydraulically inclinable approx. 20° backwards, automatic air conditioning, seat heater, air-suspension comfort seat, fresh air/circulating air filter, 12 V/24 V connections, SENCON, sunblind for skylight  |
| Options       | <ul style="list-style-type: none"> <li>■ Auxiliary heating system with timer</li> <li>■ Hydraulically raised cab type E270</li> <li>■ Activated-carbon filter for cab</li> <li>■ Bullet proof skylight, rigidly glazed</li> <li>■ Bullet proof cab windshield, rigidly glazed</li> <li>■ Sunblind for windshield</li> <li>■ Protective roof grating</li> <li>■ FOPS protective grating</li> <li>■ Radio with Bluetooth</li> <li>■ Electric cooling box</li> </ul> |

## ATTACHMENTS

|                       |   |
|-----------------------|---|
| Design                | Decades of experience and the latest computer simulations guarantee the greatest degree of stability and life-span  |
| Boom adjustment winch | Slant axis hydraulic motor drive with compact planetary gear and 2 x 87 kN tensile force; rope diameter 22 mm.  |
| Safety brake          | Spring-loaded multi-disk brake  |
| Crane safety          | Latest generation of load moment monitoring, display shows all important data, lifting limit switch, pressure relief valves, cable exit protection  |
| Boom                  | SH boom length up to 74.7 m   |
| Optionen              | <ul style="list-style-type: none"> <li>■ SHX-boom with 74.7 m</li> <li>■ Max. boom length with SHLH equipment: 80.3 m</li> <li>■ Max. boom length with SHWS equipment- or SHXWS equipment: 52.3 m + 52.3 m</li> <li>■ Auxiliary jib, for load ratings to 12 t</li> <li>■ Auxiliary jib, for load ratings to 24 t</li> <li>■ Fixed jib up to 29.9 m</li> </ul> |

## UNDERCARRIAGE

|                |  |
|----------------|--|
| Design         | Very strong Star-Lifter wide-gauge crawler undercarriage, with integrated, protected drive transmission  |
| Travel drive   | Strong travel drive with axial piston hydraulic motor and directly attached automatically functioning brake valve and compact planetary gear on each running gear side |
| Parking brake  | Lamellenbremse, über Federn wirkend  |
| Traveling gear | Maintenance-free tractor traveling gear with hydraulic chain tension, 1000 mm flat base plates   |
| Travel speed   | <b>0 - 1.4 km/h</b>  |
| Options        | <ul style="list-style-type: none"> <li>■ 1200 mm flat base plates</li> <li>■ Star-Lifter telescopic undercarriage</li> </ul>   |

## WINCH

The winches are driven via high-pressure-regulated adjustable hydraulic motors, thus there is always optimal pulling force speed control. Hydraulic lowering brake valves for sensitive, wear-free braking. Strong oil-bath planetary gear, low-maintenance. Holding brakes are spring-loaded, maintenance-free, low-wear disc brakes running in the oil bath, oil-cooled.

### Main winches

|                                   |               |
|-----------------------------------|---------------|
| Rope winch (rated load) 1st layer | 160 kN        |
| Rope diameter                     | 26 mm         |
| Rope speed 1st layer              | 0 - 105 m/min |

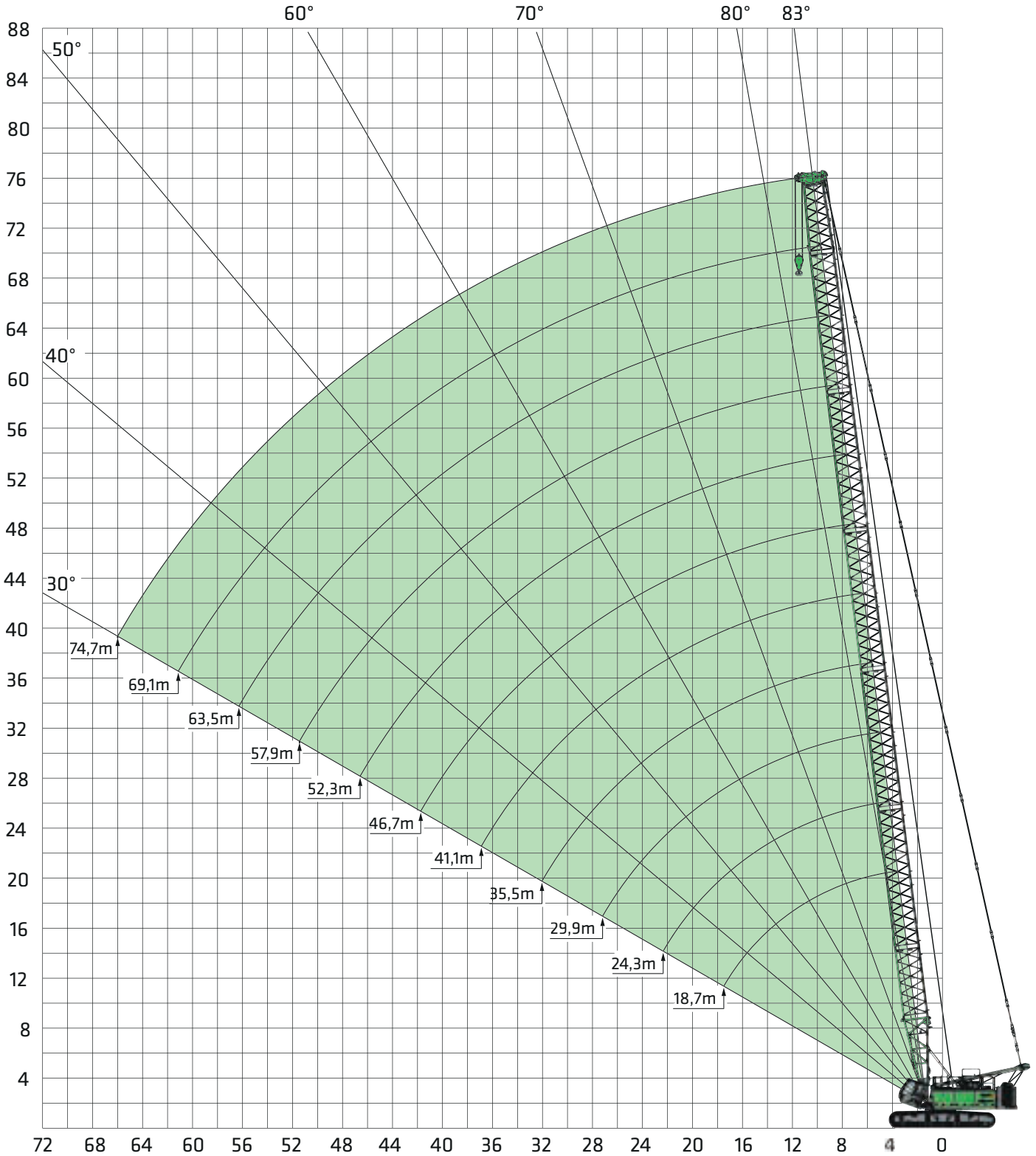
## OPERATING WEIGHT

|        |  |
|--------|--|
| Mass   | <b>approx. 166,000 kg</b><br>5500 Star-Lifter with 2 hoisting winches, basic boom 18.7 m, counterweight 60 t + 26 t undercarriage counterweight, 1000 mm flat base plates, hoisting rope, and 80 t bottom hook block |
| Notice | The operating weight varies depending on the version and equipment.  |

# 5500G Crane equipment



Main boom SH / SHX



Boom assembly SH / SHX see page 35.

6 Subject to change. See page 7 for notes on load lift charts SH / SHX see page 8.

# 5500G Load ratings



Main boom SH  
180 t version



| Outreach [m]             | Main boom length [m] |           |           |           |           |           |          |          |          |           |           |           |
|--------------------------|----------------------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|-----------|-----------|-----------|
|                          | 13.1                 | 18.7      | 24.3      | 29.9      | 35.5      | 41.1      | 46.7     | 52.3     | 57.9     | 63.5      | 69.1      | 74.7      |
| 4.0                      | 180.0**              | 160/4.7m* |           |           |           |           |          |          |          |           |           |           |
| 5.0                      | 160.0**              | 146.3     | 135.0/5.4 |           |           |           |          |          |          |           |           |           |
| 6.0                      | 138.0**              | 132.9     | 127.8     | 116.0/6.1 | 96.0/6.8  |           |          |          |          |           |           |           |
| 7.0                      | 119.5**              | 119.5     | 115.7     | 107.2     | 94.4      | 79.8/7.5  |          |          |          |           |           |           |
| 8.0                      | 104.3**              | 106.1     | 103.6     | 97.6      | 87.7      | 77.2      | 66.2/8.1 | 55.2/8.8 |          |           |           |           |
| 9.0                      | 92.3**               | 92.7      | 91.5      | 88.0      | 80.9      | 72.4      | 63.3     | 54.8     | 46.0/9.5 |           |           |           |
| 10.0                     | 78.9**               | 79.3      | 79.4      | 78.4      | 74.1      | 67.6      | 60.0     | 52.4     | 45.2     | 38.4/10.2 | 31.7/10.9 |           |
| 11.0                     | 68.7**               | 69.0      | 69.0      | 68.9      | 67.4      | 62.9      | 56.7     | 50.1     | 43.5     | 37.4      | 31.6      | 26.5/11.6 |
| 12.0                     | 60.5**               | 60.9      | 60.9      | 60.8      | 60.6      | 58.1      | 53.4     | 47.7     | 41.8     | 36.2      | 30.7      | 26.2      |
| 13.0                     | 53.9**               | 54.4      | 54.4      | 54.3      | 54.1      | 53.3      | 50.1     | 45.4     | 40.1     | 35.0      | 29.8      | 25.6      |
| 14.0                     |                      | 49.2      | 49.1      | 49.0      | 48.8      | 48.6      | 46.7     | 43.0     | 38.5     | 33.8      | 29.0      | 24.9      |
| 15.0                     |                      | 44.7      | 44.7      | 44.5      | 44.4      | 44.1      | 43.4     | 40.7     | 36.8     | 32.6      | 28.1      | 24.2      |
| 16.0                     |                      | 41.0      | 41.0      | 40.8      | 40.6      | 40.3      | 40.1     | 38.3     | 35.1     | 31.4      | 27.2      | 23.6      |
| 17.0                     |                      | 37.8      | 37.8      | 37.6      | 37.4      | 37.1      | 36.8     | 36.0     | 33.5     | 30.2      | 26.4      | 22.9      |
| 18.0                     |                      | 35.0      | 35.0      | 34.8      | 34.6      | 34.3      | 34.0     | 33.6     | 31.8     | 28.9      | 25.5      | 22.3      |
| 19.0                     |                      |           | 32.6      | 32.3      | 32.1      | 31.8      | 31.6     | 31.3     | 30.1     | 27.7      | 24.6      | 21.6      |
| 20.0                     |                      |           | 30.4      | 30.2      | 30.0      | 29.7      | 29.4     | 29.1     | 28.4     | 26.5      | 23.8      | 21.0      |
| 22.0                     |                      |           | 26.7      | 26.5      | 26.3      | 26.0      | 25.7     | 25.4     | 25.1     | 24.1      | 22.0      | 19.7      |
| 24.0                     |                      |           | 25.3/22.9 | 23.6      | 23.4      | 23.1      | 22.8     | 22.4     | 22.1     | 21.7      | 20.3      | 18.4      |
| 26.0                     |                      |           |           | 21.1      | 20.9      | 20.6      | 20.3     | 20.0     | 19.6     | 19.3      | 18.5      | 17.1      |
| 28.0                     |                      |           |           | 19.3/27.7 | 18.9      | 18.6      | 18.3     | 17.9     | 17.6     | 17.2      | 16.8      | 15.7      |
| 30.0                     |                      |           |           |           | 17.1      | 16.8      | 16.5     | 16.1     | 15.8     | 15.4      | 15.1      | 14.4      |
| 32.0                     |                      |           |           |           | 15.6      | 15.3      | 15.0     | 14.6     | 14.3     | 13.9      | 13.6      | 13.1      |
| 34.0                     |                      |           |           |           | 15.1/32.6 | 13.9      | 13.6     | 13.3     | 12.9     | 12.6      | 12.2      | 11.8      |
| 36.0                     |                      |           |           |           |           | 12.8      | 12.5     | 12.1     | 11.8     | 11.4      | 11.0      | 10.7      |
| 38.0                     |                      |           |           |           |           | 12.0/37.5 | 11.4     | 11.1     | 10.7     | 10.4      | 10.0      | 9.6       |
| 40.0                     |                      |           |           |           |           |           | 10.5     | 10.1     | 9.8      | 9.4       | 9.1       | 8.7       |
| 42.0                     |                      |           |           |           |           |           | 9.7      | 9.3      | 9.0      | 8.6       | 8.2       | 7.8       |
| 44.0                     |                      |           |           |           |           |           | 9.5/42.3 | 8.6      | 8.2      | 7.8       | 7.5       | 7.1       |
| 46.0                     |                      |           |           |           |           |           |          | 7.9      | 7.5      | 7.2       | 6.8       | 6.4       |
| 48.0                     |                      |           |           |           |           |           |          | 7.5/47.2 | 6.9      | 6.5       | 6.2       | 5.8       |
| 50.0                     |                      |           |           |           |           |           |          |          | 6.3      | 6.0       | 5.6       | 5.2       |
| 52.0                     |                      |           |           |           |           |           |          |          | 5.8      | 5.4       | 5.1       | 4.7       |
| 54.0                     |                      |           |           |           |           |           |          |          |          | 4.9       | 4.6       | 4.2       |
| 56.0                     |                      |           |           |           |           |           |          |          |          | 4.5       | 4.1       | 3.7       |
| 58.0                     |                      |           |           |           |           |           |          |          |          | 4.3/56.9  | 3.7       | 3.3       |
| 60.0                     |                      |           |           |           |           |           |          |          |          |           | 3.3       | 2.9       |
| 62.0                     |                      |           |           |           |           |           |          |          |          |           | 3.0/61.7  | 2.5       |
| 64.0                     |                      |           |           |           |           |           |          |          |          |           |           | 2.2       |
| 66.0                     |                      |           |           |           |           |           |          |          |          |           |           | 1.9       |
| 68.0                     |                      |           |           |           |           |           |          |          |          |           |           | 1.8/66.6  |
| <b>Number of strands</b> | <b>15</b>            | <b>13</b> | <b>12</b> | <b>10</b> | <b>8</b>  | <b>7</b>  | <b>6</b> | <b>5</b> | <b>4</b> | <b>4</b>  | <b>3</b>  | <b>3</b>  |

#### Comments:

- The specified load ratings apply to a level and stable stance of the machine.
- Load ratings are in tons and apply to 360 degrees.
- The load ratings take into account the standards DIN 15019/2 and ISO 4305 (tilting angle 4°)
- Deduct the weight of the load handling devices (hook, suspension gear) from the load ratings.
- The load ratings apply to the maximum undercarriage track width.
- Load ratings must be limited or reduced when conditions are unfavorable, such as soft or uneven ground, slopes, wind, lateral loads, swinging loads, jerking, or sudden stopping of load, operator inexperience, driving with load.
- Permissible rope pull per strand in crane mode for winch diameter 26 mm – 12,000 kg
- Load ratings apply to the boom assembly in accordance with the operating manual.
- Load ratings apply to optimum boom assembly and a pulley head with plastic pulleys.
- The specified load ratings are only for orientation. See the operating manual for the respective valid load ratings.
- Values indicated with \* or \*\* apply only with special equipment or a special boom attachment.

# 5500G Load ratings



**Main boom SHX  
200 t version**



| Outreach [m]             | Main boom length [m] |            |            |           |            |           |           |          |          |           |           |           |
|--------------------------|----------------------|------------|------------|-----------|------------|-----------|-----------|----------|----------|-----------|-----------|-----------|
|                          | 13.1                 | 18.7       | 24.3       | 29.9      | 35.5       | 41.1      | 46.7      | 52.3     | 57.9     | 63.5      | 69.1      | 74.7      |
| 4.0                      | 200.0*               |            |            |           |            |           |           |          |          |           |           |           |
| 4.5                      | 182.0*               | 176.0/4.7* |            |           |            |           |           |          |          |           |           |           |
| 5.0                      | 165.0*               | 165.0      | 155.0/5.3* |           |            |           |           |          |          |           |           |           |
| 5.5                      | 151.0*               | 151.0      | 150.0      |           |            |           |           |          |          |           |           |           |
| 6.0                      | 139.0*               | 139.0      | 138.0      | 137.0     |            |           |           |          |          |           |           |           |
| 6.5                      | 129.0*               | 128.0      | 128.0      | 127.0     | 121.0/6.7* |           |           |          |          |           |           |           |
| 7.0                      | 120*                 | 119.0      | 119.0      | 118.0     | 118.0      | 100.0/7.4 |           |          |          |           |           |           |
| 7.5                      | 112.0*               | 112.0      | 111.0      | 111.0     | 110.0      | 99.4      |           |          |          |           |           |           |
| 8.0                      | 93.6*                | 105.0      | 104.0      | 104.0     | 103.0      | 98.4      | 83.2/8.1  | 68.4/8.7 |          |           |           |           |
| 9.0                      | 84.3*                | 93.2       | 92.7       | 92.2      | 91.7       | 91.3      | 83.1      | 68.3     | 57.4/9.4 |           |           |           |
| 10.0                     | 76.6*                | 83.9       | 83.4       | 82.9      | 82.4       | 82.0      | 80.1      | 68.2     | 57.3     | 47.6/10.1 | 40.5/10.8 |           |
| 11.0                     | 70.2*                | 76.2       | 75.7       | 75.2      | 74.7       | 74.3      | 72.4      | 66.5     | 56.0     | 46.9      | 39.9      | 33.9/11.5 |
| 12.0                     | 64.7*                | 69.7       | 69.2       | 68.7      | 68.2       | 67.8      | 65.9      | 63.4     | 54.4     | 45.5      | 38.7      | 32.4      |
| 13.0                     | 63.8/13.2*           | 64.2       | 63.7       | 63.2      | 62.2       | 62.3      | 60.4      | 58.2     | 52.8     | 44.2      | 37.5      | 31.5      |
| 14.0                     |                      | 59.5       | 59.0       | 58.5      | 58.0       | 57.6      | 55.7      | 53.7     | 51.3     | 43.0      | 36.4      | 30.5      |
| 15.0                     |                      | 55.4       | 54.9       | 54.3      | 53.8       | 53.4      | 51.6      | 49.8     | 48.1     | 41.8      | 35.4      | 29.6      |
| 16.0                     |                      | 51.8       | 51.3       | 50.7      | 50.2       | 49.7      | 47.9      | 46.3     | 44.8     | 40.7      | 34.4      | 28.8      |
| 18.0                     |                      | 44.7       | 44.3       | 43.8      | 43.3       | 43.0      | 41.9      | 40.5     | 39.2     | 37.9      | 32.6      | 27.2      |
| 20.0                     |                      |            | 38.5       | 38.0      | 37.6       | 37.2      | 36.9      | 35.9     | 34.7     | 33.5      | 31.0      | 25.8      |
| 22.0                     |                      |            | 34.0       | 33.4      | 32.9       | 32.6      | 32.3      | 32.0     | 31.0     | 29.9      | 28.8      | 24.5      |
| 24.0                     |                      |            | 32.3/22.9  | 29.7      | 29.2       | 28.8      | 28.6      | 28.3     | 27.8     | 26.9      | 25.8      | 23.4      |
| 26.0                     |                      |            |            | 26.7      | 26.2       | 25.8      | 25.5      | 25.2     | 24.9     | 24.3      | 23.3      | 22.3      |
| 28.0                     |                      |            |            | 24.5/27.7 | 23.6       | 23.2      | 22.9      | 22.6     | 22.3     | 21.9      | 21.1      | 20.3      |
| 30.0                     |                      |            |            |           | 21.4       | 21.0      | 20.6      | 20.3     | 20.1     | 19.7      | 19.2      | 18.4      |
| 32.0                     |                      |            |            |           | 19.6       | 19.1      | 18.7      | 18.4     | 18.1     | 17.8      | 17.4      | 16.8      |
| 34.0                     |                      |            |            |           | 19.1/32.6  | 17.5      | 17.1      | 16.8     | 16.5     | 16.1      | 15.7      | 15.3      |
| 36.0                     |                      |            |            |           |            | 16.0      | 15.7      | 15.3     | 15.0     | 14.6      | 14.2      | 13.9      |
| 38.0                     |                      |            |            |           |            | 15.1/37.4 | 14.4      | 14.0     | 13.7     | 13.3      | 12.9      | 12.5      |
| 40.0                     |                      |            |            |           |            |           | 13.3      | 12.9     | 12.5     | 12.1      | 11.7      | 11.4      |
| 42.0                     |                      |            |            |           |            |           | 12.3      | 11.8     | 11.5     | 11.1      | 10.7      | 10.3      |
| 44.0                     |                      |            |            |           |            |           | 12.2/42.3 | 10.9     | 10.6     | 10.2      | 9.7       | 9.4       |
| 46.0                     |                      |            |            |           |            |           |           | 10.1     | 9.7      | 9.3       | 8.9       | 8.5       |
| 48.0                     |                      |            |            |           |            |           |           | 9.7/47.1 | 9.0      | 8.5       | 8.1       | 7.7       |
| 50.0                     |                      |            |            |           |            |           |           |          | 8.3      | 7.8       | 7.4       | 7.0       |
| 52.0                     |                      |            |            |           |            |           |           |          | 7.7      | 7.2       | 6.7       | 6.3       |
| 54.0                     |                      |            |            |           |            |           |           |          |          | 6.6       | 6.1       | 5.7       |
| 56.0                     |                      |            |            |           |            |           |           |          |          | 6.1       | 5.6       | 5.2       |
| 58.0                     |                      |            |            |           |            |           |           |          |          | 5.8/56.8  | 5.1       | 4.7       |
| 60.0                     |                      |            |            |           |            |           |           |          |          |           | 4.6       | 4.2       |
| 62.0                     |                      |            |            |           |            |           |           |          |          |           | 4.3/61.7  | 3.7       |
| 64.0                     |                      |            |            |           |            |           |           |          |          |           |           | 3.3       |
| 66.0                     |                      |            |            |           |            |           |           |          |          |           |           | 3.0       |
| 68.0                     |                      |            |            |           |            |           |           |          |          |           |           | 2.9/66.5  |
| 70.0                     |                      |            |            |           |            |           |           |          |          |           |           |           |
| <b>Number of strands</b> | <b>19</b>            | <b>17</b>  | <b>14</b>  | <b>12</b> | <b>11</b>  | <b>9</b>  | <b>7</b>  | <b>6</b> | <b>5</b> | <b>4</b>  | <b>4</b>  | <b>3</b>  |

- Notes:**
- The rated loads shown are based on the machine on firm level ground without travelling.
  - The rated loads shown are in metric tons valid for 360 degrees swing.
  - Liftcrane capacities are calculated to comply with ISO 4305 table 1+2 and the tilting angle method (tilting angle 4 deg.)
  - The rated loads shown include the weight of all lifting attachments, such as hook and bucket.
  - In operation crawler must be extended.
  - The users must derate or limit the lifted loads to allow for adverse conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel and travelling with a load.
  - Max. single line pull for crane operation with rope diameter 26 mm - 12.500 kg.
  - Loads are valid for the SHX-boom including reinforced inserts.
  - Lifting chart values apply to optimum boom assembly androlley head with plastic trolleys.
  - The specified load ratings are only for orientation. See the operating manual for the respectively valid load ratings.
  - Values marked with\* are only possible with special equipment.

8 Subject to change.

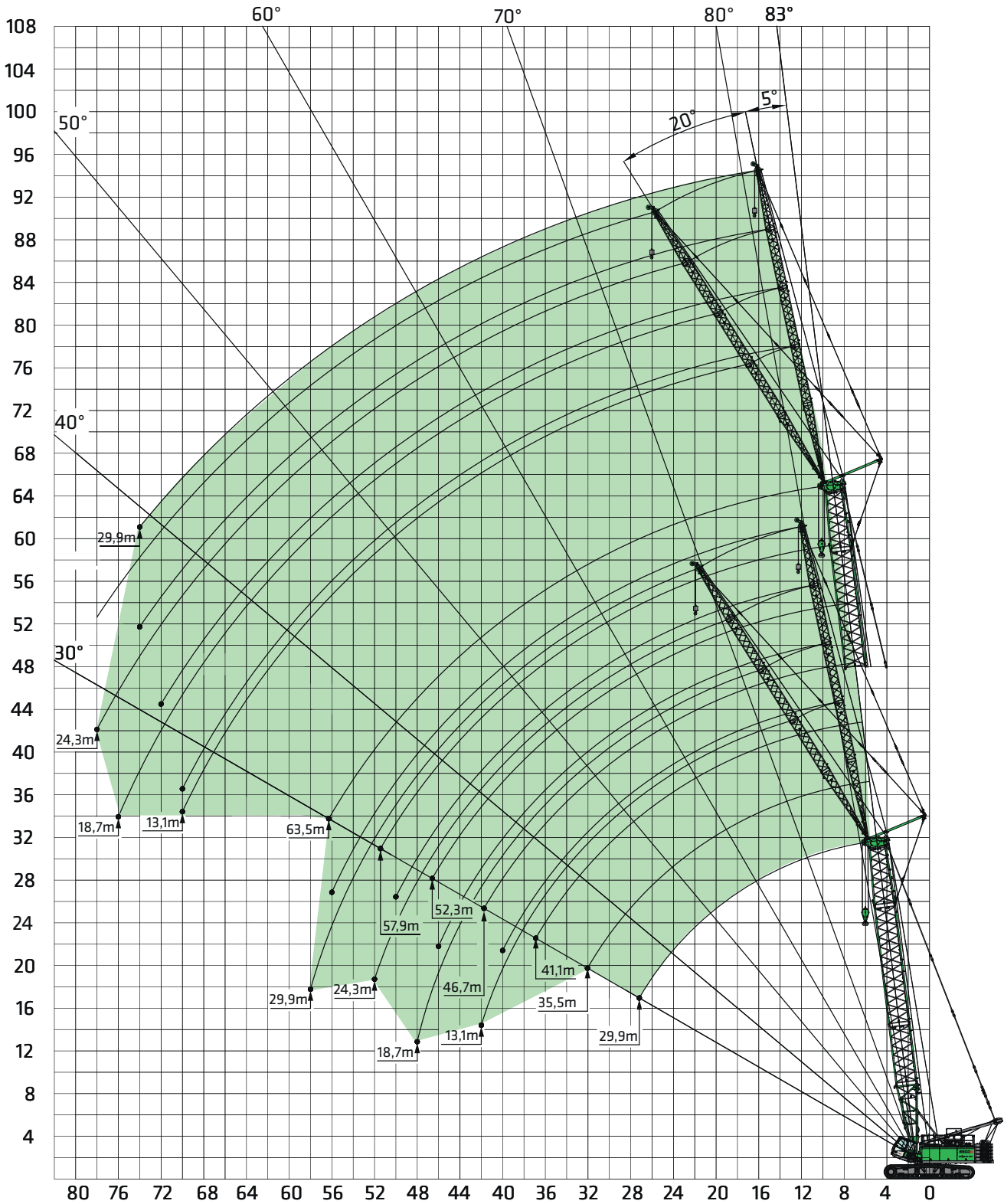




# 5500G Crane equipment



Main boom SHFS



Boom assembly see page 35.

10 Subject to change. See page 7 for notes on load lift charts.

# 5500G Load ratings



**Main boom SHFS with fly jib FS  
Jib 5° Offset**



| 5°<br>Outreach [m]       | Main boom length [m] |           |           |          |           |           |           |          |          |           |           |          |           |           |          |          |
|--------------------------|----------------------|-----------|-----------|----------|-----------|-----------|-----------|----------|----------|-----------|-----------|----------|-----------|-----------|----------|----------|
|                          | 35.5                 |           |           |          | 46.7      |           |           |          | 57.9     |           |           |          | 63.5      |           |          |          |
|                          | 13.1                 | 18.7      | 24.3      | 29.9     | 13.1      | 18.7      | 24.3      | 29.9     | 13.1     | 18.7      | 24.3      | 29.9     | 13.1      | 18.7      | 24.3     | 29.9     |
| 8.0                      |                      |           |           |          |           |           |           |          |          |           |           |          |           |           |          |          |
| 9.0                      | 22.8/9.9             |           |           |          |           |           |           |          |          |           |           |          |           |           |          |          |
| 10.0                     | 22.5                 | 19.9/10.4 |           |          | 22.8/10.6 |           |           |          |          |           |           |          |           |           |          |          |
| 11.0                     | 22.0                 | 19.6      | 14.3/11.5 |          | 22.6      | 17.9/11.7 |           |          |          |           |           |          |           |           |          |          |
| 12.0                     | 21.6                 | 19.0      | 14.2      | 9.5/12.7 | 22.1      | 17.7      | 13.1/12.9 |          | 20.8     |           |           |          | 18.7/12.6 |           |          |          |
| 13.0                     | 21.2                 | 18.5      | 13.8      | 9.4      | 21.7      | 17.3      | 13.1      |          | 20.4     | 15.3/13.1 |           |          | 18.6      | 13.8/13.8 |          |          |
| 14.0                     | 20.7                 | 17.9      | 13.5      | 9.3      | 21.2      | 16.9      | 12.8      | 8.9      | 20.0     | 15.0      | 11.5/14.3 |          | 18.4      | 13.7      |          |          |
| 15.0                     | 20.3                 | 17.4      | 13.1      | 9.1      | 20.7      | 16.5      | 12.5      | 8.8      | 19.6     | 14.8      | 11.4      | 8.2/15.4 | 18.1      | 13.5      | 10.5     |          |
| 16.0                     | 19.9                 | 16.8      | 12.8      | 8.9      | 20.3      | 16.1      | 12.3      | 8.6      | 19.3     | 14.5      | 11.1      | 8.1      | 17.8      | 13.5      | 10.3     | 7.8      |
| 17.0                     | 19.5                 | 16.3      | 12.5      | 8.7      | 19.9      | 15.7      | 12.0      | 8.5      | 18.9     | 14.2      | 10.9      | 8.0      | 17.6      | 13.1      | 10.1     | 7.7      |
| 18.0                     | 19.1                 | 15.8      | 12.2      | 8.5      | 19.4      | 15.4      | 11.7      | 8.3      | 18.5     | 13.9      | 10.8      | 7.9      | 17.3      | 12.9      | 10.0     | 7.6      |
| 19.0                     | 18.7                 | 15.3      | 11.8      | 8.3      | 19.0      | 15.0      | 11.5      | 8.2      | 18.2     | 13.7      | 10.6      | 7.7      | 17.1      | 12.7      | 9.8      | 7.5      |
| 20.0                     | 18.3                 | 14.9      | 11.5      | 8.2      | 18.6      | 14.6      | 11.2      | 8.0      | 17.8     | 13.4      | 10.4      | 7.6      | 16.8      | 12.5      | 9.7      | 7.4      |
| 22.0                     | 17.6                 | 14.0      | 10.9      | 7.8      | 17.8      | 13.9      | 10.7      | 7.8      | 17.1     | 12.9      | 10.0      | 7.4      | 16.3      | 12.1      | 9.4      | 7.2      |
| 24.0                     | 16.8                 | 13.1      | 10.4      | 7.5      | 17.0      | 13.2      | 10.3      | 7.5      | 16.5     | 12.4      | 9.6       | 7.2      | 15.8      | 11.7      | 9.1      | 7.0      |
| 26.0                     | 16.1                 | 12.3      | 9.8       | 7.2      | 16.3      | 12.6      | 9.8       | 7.2      | 15.8     | 11.9      | 9.3       | 7.0      | 15.3      | 11.3      | 8.8      | 6.8      |
| 28.0                     | 15.4                 | 11.5      | 9.3       | 6.9      | 15.5      | 11.9      | 9.4       | 7.0      | 15.2     | 11.5      | 8.9       | 6.8      | 14.8      | 10.9      | 8.5      | 6.6      |
| 30.0                     | 14.7                 | 10.8      | 8.8       | 6.6      | 14.8      | 11.4      | 9.0       | 6.7      | 14.6     | 11.0      | 8.6       | 6.6      | 14.2      | 10.5      | 8.3      | 6.4      |
| 32.0                     | 14.0                 | 10.2      | 8.4       | 6.3      | 14.2      | 10.8      | 8.6       | 6.5      | 13.4     | 10.6      | 8.3       | 6.4      | 12.9      | 10.1      | 8.0      | 6.3      |
| 34.0                     | 13.3                 | 9.6       | 7.9       | 6.1      | 13.0      | 10.2      | 8.2       | 6.2      | 12.0     | 10.2      | 8.0       | 6.2      | 11.6      | 9.8       | 7.8      | 6.1      |
| 36.0                     | 12.7                 | 9.0       | 7.5       | 5.8      | 11.8      | 9.7       | 7.8       | 6.0      | 10.8     | 9.8       | 7.7       | 6.0      | 10.4      | 9.4       | 7.5      | 5.9      |
| 38.0                     | 11.7                 | 8.5       | 7.1       | 5.6      | 10.8      | 9.3       | 7.5       | 5.8      | 9.8      | 9.4       | 7.4       | 5.8      | 9.3       | 9.1       | 7.3      | 5.8      |
| 40.0                     | 10.8                 | 8.1       | 6.8       | 5.4      | 9.8       | 8.8       | 7.1       | 5.6      | 8.9      | 9.0       | 7.1       | 5.6      | 8.4       | 8.6       | 7.0      | 5.6      |
| 42.0                     | 10.0                 | 7.7       | 6.4       | 5.1      | 9.0       | 8.4       | 6.8       | 5.4      | 8.0      | 8.2       | 6.8       | 5.4      | 7.6       | 7.8       | 6.8      | 5.4      |
| 44.0                     | 9.2                  | 7.3       | 6.1       | 4.9      | 8.3       | 8.0       | 6.5       | 5.2      | 7.3      | 7.5       | 6.6       | 5.3      | 6.8       | 7.0       | 6.6      | 5.3      |
| 46.0                     | 9.0/44.6             | 7.1       | 5.9       | 4.8      | 7.6       | 7.6       | 6.2       | 5.0      | 6.6      | 6.8       | 6.3       | 5.1      | 6.1       | 6.3       | 6.4      | 5.1      |
| 48.0                     |                      | 6.8       | 5.6       | 4.6      | 7.0       | 7.1       | 6.0       | 4.8      | 6.0      | 6.1       | 6.1       | 5.0      | 5.5       | 5.7       | 6.0      | 5.0      |
| 50.0                     |                      | 6.6/49.6  | 5.4       | 4.4      | 6.4       | 6.5       | 5.7       | 4.7      | 5.4      | 5.6       | 5.9       | 4.8      | 4.9       | 5.1       | 5.5      | 4.8      |
| 52.0                     |                      |           | 5.2       | 4.3      | 5.9       | 6.0       | 5.5       | 4.5      | 4.9      | 5.1       | 5.4       | 4.7      | 4.4       | 4.6       | 4.9      | 4.7      |
| 54.0                     |                      |           | 5.0       | 4.1      | 5.4       | 5.6       | 5.3       | 4.3      | 4.4      | 4.6       | 4.9       | 4.5      | 3.9       | 4.1       | 4.4      | 4.5      |
| 56.0                     |                      |           | 4.9/54.7  | 4.0      | 5.4/54.2  | 5.1       | 5.1       | 4.2      | 4.0      | 4.1       | 4.4       | 4.4      | 3.5       | 3.7       | 4.0      | 4.1      |
| 58.0                     |                      |           |           | 3.9      |           | 4.7       | 4.8       | 4.1      | 3.6      | 3.7       | 4.0       | 4.1      | 3.1       | 3.3       | 3.6      | 3.7      |
| 60.0                     |                      |           |           | 3.8/59.8 |           | 4.5/59.3  | 4.4       | 3.9      | 3.2      | 3.3       | 3.6       | 3.7      | 2.7       | 2.9       | 3.2      | 3.3      |
| 62.0                     |                      |           |           |          |           |           | 4.1       | 3.8      | 2.8      | 3.0       | 3.3       | 3.4      | 2.4       | 2.5       | 2.8      | 2.9      |
| 64.0                     |                      |           |           |          |           |           | 3.7       | 3.7      | 2.5      | 2.7       | 2.9       | 3.0      | 2.0       | 2.2       | 2.5      | 2.6      |
| 66.0                     |                      |           |           |          |           |           | 3.7/64.4  | 3.6      |          | 2.4       | 2.6       | 2.7      | 1.7       | 1.9       | 2.2      | 2.3      |
| 68.0                     |                      |           |           |          |           |           |           | 3.3      |          | 2.1       | 2.3       | 2.4      | 1.5       | 1.6       | 1.9      | 2.0      |
| 70.0                     |                      |           |           |          |           |           |           | 3.1/69.5 |          | 1.9/69.0  | 2.0       | 2.1      | 1.4/68.8  | 1.3       | 1.6      | 1.7      |
| 72.0                     |                      |           |           |          |           |           |           |          |          |           | 1.8       | 1.8      |           | 1.1       | 1.3      | 1.4      |
| 74.0                     |                      |           |           |          |           |           |           |          |          |           | 1.5       | 1.6      |           |           | 1.1      | 1.2      |
| 76.0                     |                      |           |           |          |           |           |           |          |          |           | 1.5/74.1  | 1.4      |           |           |          |          |
| 78.0                     |                      |           |           |          |           |           |           |          |          |           |           | 1.1      |           |           |          |          |
| 80.0                     |                      |           |           |          |           |           |           |          |          |           |           | 1.0/79.1 |           |           |          |          |
| <b>Number of strands</b> | <b>2</b>             | <b>2</b>  | <b>2</b>  | <b>1</b> | <b>2</b>  | <b>2</b>  | <b>2</b>  | <b>1</b> | <b>2</b> | <b>2</b>  | <b>2</b>  | <b>1</b> | <b>2</b>  | <b>2</b>  | <b>2</b> | <b>1</b> |

Nr. 5500R-75/2987/60.0/11.11 SHFS 5

# 5500G Load ratings



Main boom SHFS with fly jib FS  
Jib 25° Offset



| 25°<br>Outreach [m] | Main boom length [m] |           |          |          |           |           |          |          |           |          |          |          |           |          |          |          |
|---------------------|----------------------|-----------|----------|----------|-----------|-----------|----------|----------|-----------|----------|----------|----------|-----------|----------|----------|----------|
|                     | 35.5                 |           |          |          | 46.7      |           |          |          | 57.9      |          |          |          | 63.5      |          |          |          |
|                     | 13.1                 | 18.7      | 24.3     | 29.9     | 13.1      | 18.7      | 24.3     | 29.9     | 13.1      | 18.7     | 24.3     | 29.9     | 13.1      | 18.7     | 24.3     | 29.9     |
| 8.0                 |                      |           |          |          |           |           |          |          |           |          |          |          |           |          |          |          |
| 9.0                 |                      |           |          |          |           |           |          |          |           |          |          |          |           |          |          |          |
| 10.0                |                      |           |          |          |           |           |          |          |           |          |          |          |           |          |          |          |
| 11.0                |                      |           |          |          |           |           |          |          |           |          |          |          |           |          |          |          |
| 12.0                |                      |           |          |          |           |           |          |          |           |          |          |          |           |          |          |          |
| 13.0                | 18.1/13.4            |           |          |          |           |           |          |          |           |          |          |          |           |          |          |          |
| 14.0                | 17.7                 |           |          |          | 16.2/14.8 |           |          |          |           |          |          |          |           |          |          |          |
| 15.0                | 17.1                 |           |          |          | 16.2      |           |          |          |           |          |          |          |           |          |          |          |
| 16.0                | 16.6                 | 12.2/16.4 |          |          | 15.7      |           |          |          | 14.5/16.1 |          |          |          | 13.6/16.8 |          |          |          |
| 17.0                | 16.1                 | 11.9      |          |          | 15.3      | 10.8/17.7 |          |          | 14.2      |          |          |          | 13.5      |          |          |          |
| 18.0                | 15.6                 | 11.6      |          |          | 14.9      | 10.8      |          |          | 13.9      |          |          |          | 13.3      |          |          |          |
| 19.0                | 15.1                 | 11.2      | 8.6/19.3 |          | 14.5      | 10.5      |          |          | 13.6      | 9.9/19.1 |          |          | 13.0      | 9.4/19.8 |          |          |
| 20.0                | 14.6                 | 10.9      | 8.5      |          | 14.1      | 10.2      | 7.8/20.7 |          | 13.3      | 9.7      |          |          | 12.8      | 9.4      |          |          |
| 22.0                | 13.7                 | 10.3      | 8.0      | 6.5/22.3 | 13.4      | 9.8       | 7.6      | 5.9/23.7 | 12.8      | 9.3      | 7.2      |          | 12.3      | 9.0      | 6.8/22.8 |          |
| 24.0                | 12.9                 | 9.7       | 7.6      | 6.2      | 12.7      | 9.3       | 7.2      | 5.9      | 12.2      | 8.9      | 6.9      | 5.2/25.0 | 11.9      | 8.7      | 6.7      | 5.2/25.7 |
| 26.0                | 12.1                 | 9.1       | 7.2      | 5.9      | 12.1      | 8.9       | 6.9      | 5.6      | 11.7      | 8.6      | 6.7      | 5.4      | 11.4      | 8.3      | 6.4      | 5.2      |
| 28.0                | 11.4                 | 8.6       | 6.8      | 5.7      | 11.5      | 8.5       | 6.6      | 5.4      | 11.2      | 8.2      | 6.4      | 5.2      | 11.0      | 8.0      | 6.2      | 5.0      |
| 30.0                | 10.8                 | 8.2       | 6.4      | 5.4      | 10.9      | 8.1       | 6.3      | 5.2      | 10.7      | 7.9      | 6.2      | 5.0      | 10.6      | 7.7      | 6.0      | 4.8      |
| 32.0                | 10.3                 | 7.7       | 6.1      | 5.1      | 10.4      | 7.7       | 6.0      | 5.0      | 10.3      | 7.6      | 5.9      | 4.9      | 10.1      | 7.4      | 5.8      | 4.6      |
| 34.0                | 9.8                  | 7.3       | 5.8      | 4.9      | 9.9       | 7.4       | 5.8      | 4.8      | 9.9       | 7.3      | 5.7      | 4.7      | 9.7       | 7.1      | 5.6      | 4.5      |
| 36.0                | 9.4                  | 7.0       | 5.5      | 4.7      | 9.4       | 7.0       | 5.5      | 4.6      | 9.5       | 7.0      | 5.5      | 4.5      | 9.3       | 6.9      | 5.4      | 4.3      |
| 38.0                | 9.0                  | 6.7       | 5.2      | 4.5      | 9.1       | 6.7       | 5.3      | 4.4      | 9.1       | 6.7      | 5.3      | 4.4      | 9.0       | 6.6      | 5.2      | 4.1      |
| 40.0                | 8.8                  | 6.4       | 5.0      | 4.3      | 8.7       | 6.5       | 5.1      | 4.3      | 8.8       | 6.5      | 5.1      | 4.2      | 8.6       | 6.4      | 5.0      | 4.0      |
| 42.0                | 8.6                  | 6.2       | 4.8      | 4.1      | 8.4       | 6.2       | 4.9      | 4.1      | 8.5       | 6.2      | 4.9      | 4.1      | 8.2       | 6.1      | 4.8      | 3.9      |
| 44.0                | 8.4                  | 6.0       | 4.6      | 3.9      | 8.1       | 6.0       | 4.7      | 3.9      | 7.9       | 6.0      | 4.7      | 3.9      | 7.5       | 5.9      | 4.7      | 3.7      |
| 46.0                | 8.3/45.7             | 5.9       | 4.4      | 3.8      | 7.9       | 5.8       | 4.5      | 3.8      | 7.1       | 5.8      | 4.5      | 3.8      | 6.7       | 5.7      | 4.5      | 3.6      |
| 48.0                |                      | 5.8       | 4.3      | 3.6      | 7.3       | 5.6       | 4.3      | 3.6      | 6.5       | 5.7      | 4.4      | 3.7      | 6.1       | 5.5      | 4.4      | 3.5      |
| 50.0                |                      | 5.7       | 4.2      | 3.5      | 6.7       | 5.5       | 4.2      | 3.5      | 5.9       | 5.5      | 4.2      | 3.5      | 5.5       | 5.3      | 4.2      | 3.4      |
| 52.0                |                      | 5.7/51.3  | 4.1      | 3.4      | 6.1       | 5.3       | 4.1      | 3.4      | 5.3       | 5.3      | 4.1      | 3.4      | 4.9       | 5.2      | 4.1      | 3.2      |
| 54.0                |                      |           | 4.0      | 3.3      | 5.6       | 5.2       | 3.9      | 3.3      | 4.8       | 5.2      | 4.0      | 3.3      | 4.4       | 5.0      | 4.0      | 3.1      |
| 56.0                |                      |           | 4.0      | 3.2      | 5.3/55.4  | 5.1       | 3.8      | 3.2      | 4.3       | 4.9      | 3.9      | 3.2      | 3.9       | 4.5      | 3.9      | 3.0      |
| 58.0                |                      |           | 4.0/56.9 | 3.1      |           | 5.1       | 3.7      | 3.1      | 3.9       | 4.4      | 3.8      | 3.1      | 3.5       | 4.0      | 3.8      | 3.0      |
| 60.0                |                      |           |          | 3.0      |           | 4.7       | 3.6      | 3.0      | 3.5       | 4.0      | 3.7      | 3.0      | 3.0       | 3.6      | 3.7      | 2.9      |
| 62.0                |                      |           |          | 3.0      |           | 4.5/61.0  | 3.6      | 2.9      | 3.1       | 3.6      | 3.6      | 2.9      | 2.7       | 3.2      | 3.6      | 2.8      |
| 64.0                |                      |           |          | 2.9/62.5 |           |           | 3.6      | 2.8      | 2.7       | 3.2      | 3.5      | 2.9      | 2.3       | 2.8      | 3.2      | 2.7      |
| 66.0                |                      |           |          |          |           |           | 3.5      | 2.7      | 2.5/65.1  | 2.8      | 3.2      | 2.8      | 2.0       | 2.5      | 2.8      | 2.7      |
| 68.0                |                      |           |          |          |           |           | 3.5/66.6 | 2.7      |           | 2.5      | 2.8      | 2.7      | 1.7       | 2.1      | 2.5      | 2.6      |
| 70.0                |                      |           |          |          |           |           |          | 2.6      |           | 2.2      | 2.5      | 2.7      | 1.4       | 1.8      | 2.1      | 2.5      |
| 72.0                |                      |           |          |          |           |           |          | 2.6      |           | 2.1/70.7 | 2.2      | 2.5      |           | 1.5      | 1.8      | 2.1      |
| 74.0                |                      |           |          |          |           |           |          | 2.6/72.2 |           |          | 1.9      | 2.2      |           | 1.2      | 1.5      | 1.8      |
| 76.0                |                      |           |          |          |           |           |          |          |           |          | 1.6      | 1.9      |           | 1.0/75.6 | 1.2      | 1.5      |
| 78.0                |                      |           |          |          |           |           |          |          |           |          | 1.5/76.3 | 1.6      |           |          | 1.0      | 1.3      |
| 80.0                |                      |           |          |          |           |           |          |          |           |          |          | 1.3      |           |          |          | 1.0      |
| 82.0                |                      |           |          |          |           |           |          |          |           |          |          | 1.1/81.8 |           |          |          |          |
| Number of strands   | 2                    | 1         | 1        | 1        | 2         | 1         | 1        | 1        | 2         | 1        | 1        | 1        | 2         | 1        | 1        | 1        |

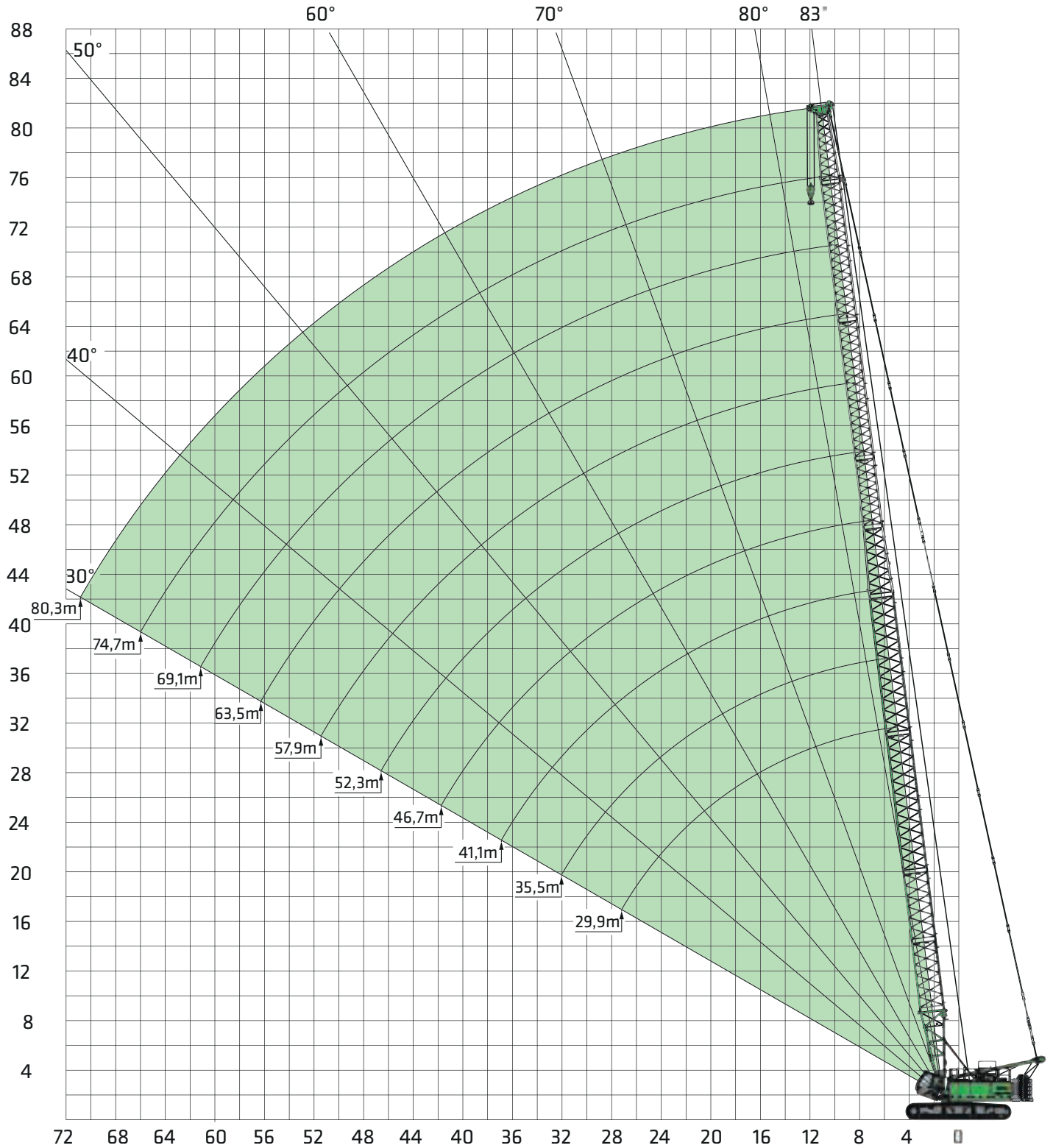
Nr. 5500R-75/2987/60.0/11.11 SHFS 25



# 5500G Crane equipment



Main boom SHLH



Boom assembly see page 36.

# 5500G Load ratings



Main boom SHLH



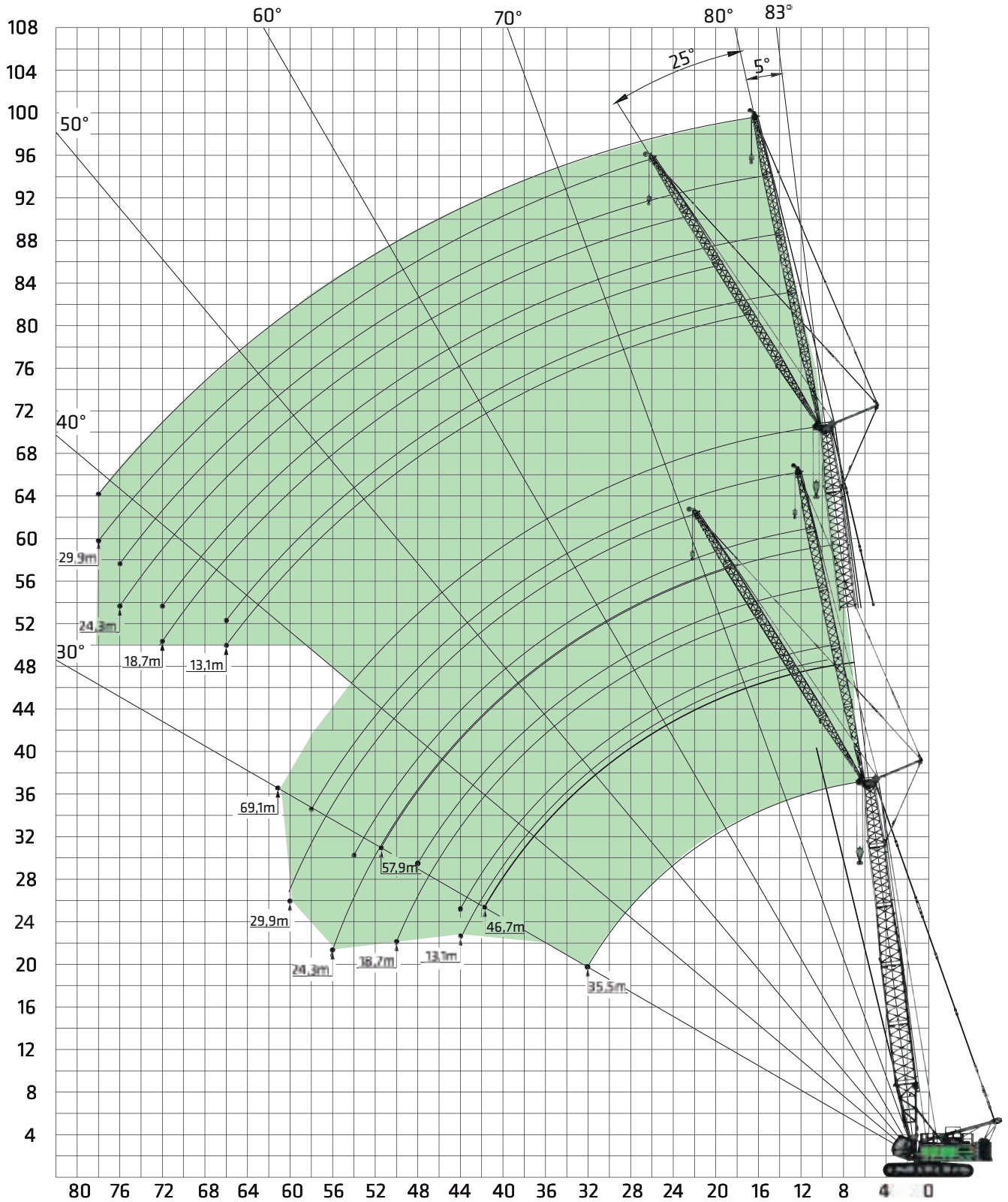
| Outreach [m]             | Main boom length [m] |             |             |             |            |            |            |             |             |            |
|--------------------------|----------------------|-------------|-------------|-------------|------------|------------|------------|-------------|-------------|------------|
|                          | 29.9                 | 35.5        | 41.1        | 46.7        | 52.3       | 57.9       | 63.5       | 69.1        | 74.7        | 80.3       |
| 4.7                      |                      |             |             |             |            |            |            |             |             |            |
| 5.0                      | 70.0 / 5.8           |             |             |             |            |            |            |             |             |            |
| 6.0                      | 70.0                 | 70.0 / 6.5  |             |             |            |            |            |             |             |            |
| 7.0                      | 70.0                 | 70.0        | 70.0 / 7.2  | 59.1 / 7.8  |            |            |            |             |             |            |
| 8.0                      | 70.0                 | 70.0        | 67.2        | 58.7        | 48.5 / 8.5 |            |            |             |             |            |
| 9.0                      | 70.0                 | 70.0        | 63.9        | 56.3        | 47.7       | 39.1 / 9.2 | 31.5 / 9.9 |             |             |            |
| 10.0                     | 70.0                 | 70.0        | 60.6        | 53.8        | 46.0       | 38.2       | 31.4       | 25.4 / 10.6 |             |            |
| 11.0                     | 68.9                 | 68.7        | 57.2        | 51.4        | 44.3       | 37.1       | 30.6       | 25.2        | 20.5 / 11.3 |            |
| 12.0                     | 60.9                 | 60.7        | 53.9        | 49.0        | 42.7       | 36.0       | 29.9       | 24.6        | 20.2        | 16.5       |
| 13.0                     | 54.5                 | 54.3        | 50.6        | 46.6        | 41.0       | 34.8       | 29.1       | 24.1        | 19.8        | 16.2       |
| 14.0                     | 49.2                 | 49.0        | 47.3        | 44.1        | 39.3       | 33.7       | 28.3       | 23.6        | 19.4        | 15.9       |
| 15.0                     | 44.8                 | 44.6        | 44.0        | 41.7        | 37.6       | 32.6       | 27.6       | 23.0        | 19.1        | 15.6       |
| 16.0                     | 41.1                 | 40.9        | 40.6        | 39.3        | 36.0       | 31.5       | 26.8       | 22.5        | 18.7        | 15.3       |
| 17.0                     | 37.9                 | 37.7        | 37.5        | 36.8        | 34.3       | 30.3       | 26.0       | 21.9        | 18.3        | 15.1       |
| 18.0                     | 35.2                 | 34.9        | 34.7        | 34.4        | 32.6       | 29.2       | 25.3       | 21.4        | 17.9        | 14.8       |
| 19.0                     | 32.8                 | 32.5        | 32.3        | 32.0        | 30.9       | 28.1       | 24.5       | 20.9        | 17.5        | 14.5       |
| 20.0                     | 30.6                 | 30.4        | 30.1        | 29.8        | 29.3       | 27.0       | 23.7       | 20.3        | 17.1        | 14.2       |
| 22.0                     | 27.0                 | 26.8        | 26.5        | 26.2        | 25.9       | 24.7       | 22.2       | 19.3        | 16.3        | 13.6       |
| 24.0                     | 24.1                 | 23.9        | 23.6        | 23.3        | 23.0       | 22.5       | 20.7       | 18.2        | 15.6        | 13.0       |
| 26.0                     | 21.7                 | 21.4        | 21.2        | 20.9        | 20.5       | 20.2       | 19.1       | 17.1        | 14.8        | 12.5       |
| 28.0                     | 20.0 / 27.6          | 19.4        | 19.1        | 18.8        | 18.5       | 18.2       | 17.6       | 16.0        | 14.0        | 11.9       |
| 30.0                     |                      | 17.7        | 17.4        | 17.1        | 16.8       | 16.4       | 16.1       | 15.0        | 13.2        | 11.3       |
| 32.0                     |                      | 16.2        | 15.9        | 15.6        | 15.3       | 14.9       | 14.6       | 13.9        | 12.5        | 10.8       |
| 34.0                     |                      | 15.8 / 32.5 | 14.6        | 14.3        | 13.9       | 13.6       | 13.2       | 12.8        | 11.7        | 10.2       |
| 36.0                     |                      |             | 13.4        | 13.1        | 12.8       | 12.4       | 12.1       | 11.7        | 10.9        | 9.6        |
| 38.0                     |                      |             | 12.7 / 37.3 | 12.1        | 11.8       | 11.4       | 11.1       | 10.7        | 10.1        | 9.0        |
| 40.0                     |                      |             |             | 11.2        | 10.8       | 10.5       | 10.1       | 9.8         | 9.4         | 8.5        |
| 42.0                     |                      |             |             | 10.4        | 10.0       | 9.7        | 9.3        | 9.0         | 8.6         | 7.9        |
| 44.0                     |                      |             |             | 10.3 / 42.2 | 9.3        | 8.9        | 8.6        | 8.2         | 7.9         | 7.3        |
| 46.0                     |                      |             |             |             | 8.6        | 8.3        | 7.9        | 7.5         | 7.2         | 6.8        |
| 48.0                     |                      |             |             |             | 8.3 / 47.0 | 7.6        | 7.3        | 6.9         | 6.6         | 6.2        |
| 50.0                     |                      |             |             |             |            | 7.1        | 6.7        | 6.4         | 6.0         | 5.6        |
| 52.0                     |                      |             |             |             |            | 6.6 / 51.9 | 6.2        | 5.8         | 5.5         | 5.1        |
| 54.0                     |                      |             |             |             |            |            | 5.7        | 5.4         | 5.0         | 4.6        |
| 56.0                     |                      |             |             |             |            |            | 5.3        | 4.9         | 4.5         | 4.2        |
| 58.0                     |                      |             |             |             |            |            | 5.1 / 56.7 | 4.5         | 4.1         | 3.8        |
| 60.0                     |                      |             |             |             |            |            |            | 4.1         | 3.7         | 3.4        |
| 62.0                     |                      |             |             |             |            |            |            | 3.8 / 61.6  | 3.4         | 3.0        |
| 64.0                     |                      |             |             |             |            |            |            |             | 3.0         | 2.7        |
| 66.0                     |                      |             |             |             |            |            |            |             | 2.7         | 2.4        |
| 68.0                     |                      |             |             |             |            |            |            |             | 2.6 / 66.4  | 2.1        |
| 70.0                     |                      |             |             |             |            |            |            |             |             | 1.8        |
| 72.0                     |                      |             |             |             |            |            |            |             |             | 1.6 / 71.3 |
| 70.0                     |                      |             |             |             |            |            |            |             |             |            |
| <b>Number of strands</b> | <b>6</b>             | <b>6</b>    | <b>6</b>    | <b>5</b>    | <b>5</b>   | <b>4</b>   | <b>3</b>   | <b>3</b>    | <b>2</b>    | <b>2</b>   |

TAB.-Nr. 5500R-75/2987/60.0/02.01 SHLH

# 5500G Crane equipment



Main boom SHLH with fly jib FS



Boom assembly see page 36.



# 5500G Load ratings



Main boom SHLH with fly jib FS  
jib 5° Offset



| 5°<br>Outreach [m]       | Main boom length [m] |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                          | 35.5                 |      |      |      | 46.7 |      |      |      | 57.9 |      |      |      | 69.1 |      |      |      |
|                          | Fly boom length [m]  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                          | 13.1                 | 18.7 | 24.3 | 29.9 | 13.1 | 18.7 | 24.3 | 29.9 | 13.1 | 18.7 | 24.3 | 29.9 | 13.1 | 18.7 | 24.3 | 29.9 |
| 9.0                      | 22.7                 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 10.0                     | 22.3                 | 19.9 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 11.0                     | 21.8                 | 19.3 | 14.4 |      | 22.4 |      |      |      |      |      |      |      |      |      |      |      |
| 12.0                     | 21.4                 | 18.7 | 14.0 |      | 21.9 | 17.6 |      |      | 20.6 |      |      |      |      |      |      |      |
| 13.0                     | 21.0                 | 18.2 | 13.7 | 9.4  | 21.4 | 17.2 | 13.0 |      | 20.2 | 15.2 |      |      | 16.5 |      |      |      |
| 14.0                     | 20.6                 | 17.6 | 13.3 | 9.2  | 21.0 | 16.7 | 12.7 | 8.9  | 19.8 | 14.9 | 11.5 |      | 16.2 | 12.2 |      |      |
| 15.0                     | 20.2                 | 17.1 | 13.0 | 9.0  | 20.5 | 16.3 | 12.4 | 8.7  | 19.4 | 14.6 | 11.2 | 8.2  | 16.0 | 12.0 |      |      |
| 16.0                     | 19.7                 | 16.6 | 12.7 | 8.8  | 20.1 | 16.0 | 12.2 | 8.6  | 19.1 | 14.4 | 11.0 | 8.1  | 15.7 | 11.8 | 9.2  |      |
| 17.0                     | 19.3                 | 16.1 | 12.3 | 8.6  | 19.6 | 15.6 | 11.9 | 8.4  | 18.7 | 14.1 | 10.8 | 7.9  | 15.4 | 11.6 | 9.1  | 7.3  |
| 18.0                     | 18.9                 | 15.6 | 12.0 | 8.4  | 19.2 | 15.2 | 11.6 | 8.3  | 18.3 | 13.8 | 10.7 | 7.8  | 15.2 | 11.5 | 8.9  | 7.2  |
| 19.0                     | 18.5                 | 15.1 | 11.7 | 8.3  | 18.8 | 14.8 | 11.4 | 8.1  | 18.0 | 13.6 | 10.5 | 7.7  | 14.9 | 11.3 | 8.8  | 7.1  |
| 20.0                     | 18.2                 | 14.6 | 11.4 | 8.1  | 18.4 | 14.5 | 11.1 | 8.0  | 17.6 | 13.3 | 10.3 | 7.6  | 14.7 | 11.1 | 8.7  | 7.0  |
| 22.0                     | 17.4                 | 13.7 | 10.8 | 7.8  | 17.6 | 13.8 | 10.6 | 7.7  | 16.9 | 12.8 | 9.9  | 7.4  | 14.1 | 10.8 | 8.4  | 6.8  |
| 24.0                     | 16.6                 | 12.9 | 10.2 | 7.4  | 16.8 | 13.1 | 10.2 | 7.4  | 16.3 | 12.3 | 9.5  | 7.1  | 13.6 | 10.5 | 8.2  | 6.7  |
| 26.0                     | 15.9                 | 12.1 | 9.7  | 7.1  | 16.1 | 12.4 | 9.7  | 7.2  | 15.6 | 11.8 | 9.2  | 6.9  | 13.1 | 10.1 | 7.9  | 6.5  |
| 28.0                     | 15.2                 | 11.3 | 9.2  | 6.8  | 15.4 | 11.8 | 9.3  | 6.9  | 15.0 | 11.4 | 8.8  | 6.7  | 12.6 | 9.8  | 7.7  | 6.3  |
| 30.0                     | 14.5                 | 10.6 | 8.7  | 6.5  | 14.7 | 11.2 | 8.9  | 6.7  | 14.5 | 10.9 | 8.5  | 6.5  | 12.0 | 9.5  | 7.4  | 6.2  |
| 32.0                     | 13.8                 | 10.0 | 8.2  | 6.3  | 14.0 | 10.7 | 8.5  | 6.4  | 13.9 | 10.5 | 8.2  | 6.3  | 11.5 | 9.1  | 7.2  | 6.0  |
| 34.0                     | 13.2                 | 9.4  | 7.8  | 6.0  | 13.4 | 10.1 | 8.1  | 6.2  | 13.4 | 10.1 | 7.9  | 6.1  | 11.0 | 8.8  | 7.0  | 5.8  |
| 36.0                     | 12.5                 | 8.9  | 7.4  | 5.8  | 12.8 | 9.6  | 7.7  | 6.0  | 12.8 | 9.7  | 7.6  | 5.9  | 10.5 | 8.5  | 6.7  | 5.7  |
| 38.0                     | 11.9                 | 8.4  | 7.0  | 5.5  | 12.3 | 9.1  | 7.4  | 5.7  | 11.7 | 9.3  | 7.3  | 5.8  | 10.0 | 8.2  | 6.5  | 5.5  |
| 40.0                     | 11.3                 | 8.0  | 6.7  | 5.3  | 11.5 | 8.7  | 7.0  | 5.5  | 10.8 | 9.0  | 7.0  | 5.6  | 9.5  | 7.8  | 6.3  | 5.4  |
| 42.0                     | 10.7                 | 7.6  | 6.3  | 5.1  | 10.6 | 8.3  | 6.7  | 5.3  | 9.9  | 8.6  | 6.8  | 5.4  | 9.0  | 7.5  | 6.1  | 5.2  |
| 44.0                     | 10.2                 | 7.2  | 6.0  | 4.9  | 9.8  | 7.9  | 6.4  | 5.1  | 9.1  | 8.3  | 6.5  | 5.2  | 8.3  | 7.2  | 5.8  | 5.1  |
| 46.0                     |                      | 7.0  | 5.8  | 4.7  | 9.0  | 7.5  | 6.2  | 5.0  | 8.3  | 8.0  | 6.3  | 5.1  | 7.6  | 6.9  | 5.6  | 5.0  |
| 48.0                     |                      | 6.7  | 5.5  | 4.5  | 8.4  | 7.2  | 5.9  | 4.8  | 7.7  | 7.7  | 6.1  | 4.9  | 6.9  | 6.6  | 5.4  | 4.8  |
| 50.0                     |                      |      | 5.3  | 4.4  | 7.8  | 6.9  | 5.7  | 4.6  | 7.0  | 7.4  | 5.8  | 4.8  | 6.3  | 6.2  | 5.2  | 4.7  |
| 52.0                     |                      |      | 5.1  | 4.2  | 7.2  | 6.6  | 5.4  | 4.4  | 6.5  | 6.8  | 5.6  | 4.6  | 5.7  | 5.9  | 5.0  | 4.6  |
| 54.0                     |                      |      | 4.9  | 4.1  |      | 6.4  | 5.2  | 4.3  | 6.0  | 6.2  | 5.4  | 4.5  | 5.2  | 5.5  | 4.8  | 4.4  |
| 56.0                     |                      |      |      | 4.0  |      | 6.1  | 5.0  | 4.2  | 5.5  | 5.7  | 5.2  | 4.3  | 4.7  | 5.0  | 4.6  | 4.3  |
| 58.0                     |                      |      |      | 3.9  |      | 5.9  | 4.9  | 4.0  | 5.0  | 5.3  | 5.1  | 4.2  | 4.3  | 4.5  | 4.4  | 4.2  |
| 60.0                     |                      |      |      |      |      | 4.7  | 3.9  | 4.6  | 4.6  | 4.9  | 4.9  | 4.1  | 3.8  | 4.1  | 4.3  | 4.0  |
| 62.0                     |                      |      |      |      |      | 4.6  | 3.8  | 4.2  | 4.2  | 4.5  | 4.7  | 4.0  | 3.4  | 3.7  | 4.0  | 3.9  |
| 64.0                     |                      |      |      |      |      |      | 3.7  |      |      | 4.1  | 4.3  | 3.8  | 3.1  | 3.3  | 3.6  | 3.8  |
| 66.0                     |                      |      |      |      |      |      | 3.6  |      |      | 3.7  | 4.0  | 3.7  | 2.7  | 3.0  | 3.2  | 3.5  |
| 68.0                     |                      |      |      |      |      |      | 3.5  |      |      | 3.4  | 3.7  | 3.6  |      | 2.6  | 2.9  | 3.1  |
| 70.0                     |                      |      |      |      |      |      |      |      |      |      | 3.3  | 3.5  |      | 2.3  | 2.6  | 2.8  |
| 72.0                     |                      |      |      |      |      |      |      |      |      |      | 3.0  | 3.3  |      | 2.0  | 2.3  | 2.5  |
| 74.0                     |                      |      |      |      |      |      |      |      |      |      |      | 3.0  |      |      | 2.0  | 2.2  |
| 76.0                     |                      |      |      |      |      |      |      |      |      |      |      | 2.7  |      |      | 1.7  | 1.9  |
| 78.0                     |                      |      |      |      |      |      |      |      |      |      |      | 2.4  |      |      |      | 1.7  |
| 80.0                     |                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Number of strands</b> | 2                    | 2    | 2    | 1    | 2    | 2    | 2    | 1    | 2    | 2    | 1    | 1    | 2    | 2    | 1    | 1    |

Nr. 5500R-75 / 2987/60.0 / 09.02 SHLHFS 5

# 5500G Load ratings



Main boom SHLH with fly jib FS  
jib 25° Offset



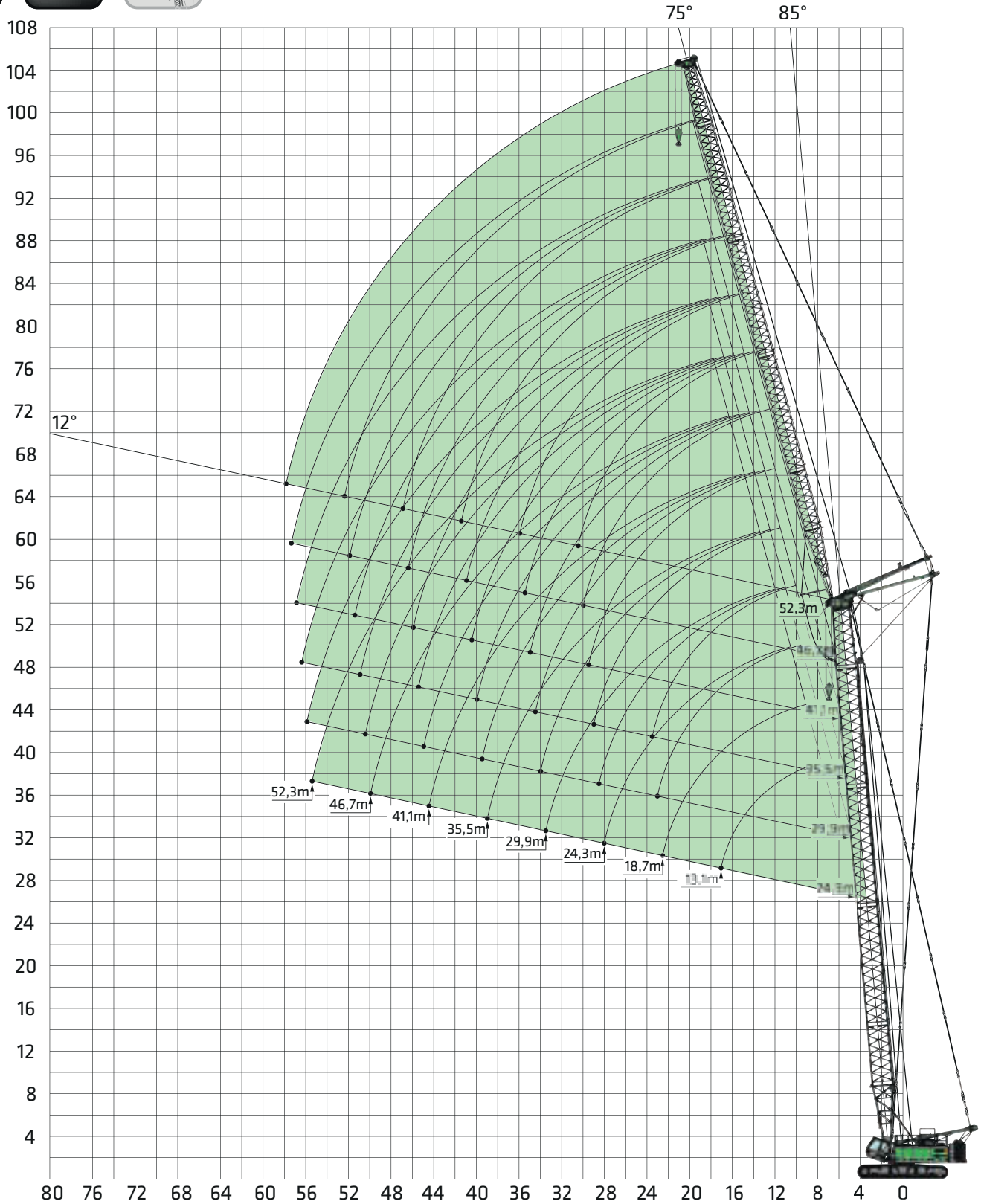
| 25°<br>Outreach [m] | Main boom length [m] |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                     | 35.5                 |      |      |      | 46.7 |      |      |      | 57.9 |      |      |      | 69.1 |      |      |      |
|                     | Fly boom length [m]  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                     | 13.1                 | 18.7 | 24.3 | 29.9 | 13.1 | 18.7 | 24.3 | 29.9 | 13.1 | 18.7 | 24.3 | 29.9 | 13.1 | 18.7 | 24.3 | 29.9 |
| 9.0                 |                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 10.0                |                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 11.0                |                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 12.0                |                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 13.0                | 18.1                 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 14.0                | 17.5                 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 15.0                | 16.9                 | 15.9 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 16.0                | 16.4                 | 12.2 | 15.5 | 14.4 |      |      |      |      |      |      |      |      |      |      |      |      |
| 17.0                | 15.8                 | 11.8 | 15.1 | 14.1 |      |      |      |      |      |      |      |      |      |      |      |      |
| 18.0                | 15.3                 | 11.4 | 14.7 | 10.6 | 13.8 | 12.1 |      |      |      |      |      |      |      |      |      |      |
| 19.0                | 14.8                 | 11.1 | 8.6  | 14.3 | 10.4 | 13.5 | 9.8  | 11.9 |      |      |      |      |      |      |      |      |
| 20.0                | 14.4                 | 10.8 | 8.4  | 13.9 | 10.1 | 7.8  | 13.2 | 9.6  | 11.7 | 8.8  |      |      |      |      |      |      |
| 22.0                | 13.5                 | 10.1 | 7.9  | 6.4  | 13.2 | 9.7  | 7.5  | 12.6 | 9.2  | 7.2  | 11.2 | 8.5  |      |      |      |      |
| 24.0                | 12.7                 | 9.6  | 7.5  | 6.1  | 12.5 | 9.2  | 7.2  | 5.8  | 12.1 | 8.8  | 6.9  | 10.7 | 8.2  | 6.3  |      |      |
| 26.0                | 11.9                 | 9.0  | 7.1  | 5.9  | 11.9 | 8.8  | 6.8  | 5.6  | 11.6 | 8.5  | 6.6  | 5.4  | 10.3 | 7.9  | 6.1  | 5.0  |
| 28.0                | 11.2                 | 8.5  | 6.7  | 5.6  | 11.3 | 8.4  | 6.5  | 5.4  | 11.1 | 8.1  | 6.4  | 5.2  | 9.9  | 7.6  | 5.9  | 4.9  |
| 30.0                | 10.6                 | 8.0  | 6.4  | 5.3  | 10.8 | 8.0  | 6.3  | 5.2  | 10.6 | 7.8  | 6.1  | 5.0  | 9.5  | 7.3  | 5.6  | 4.7  |
| 32.0                | 10.1                 | 7.6  | 6.0  | 5.1  | 10.2 | 7.6  | 6.0  | 4.9  | 10.2 | 7.5  | 5.9  | 4.8  | 9.0  | 7.0  | 5.4  | 4.6  |
| 34.0                | 9.6                  | 7.2  | 5.7  | 4.9  | 9.8  | 7.3  | 5.7  | 4.8  | 9.8  | 7.2  | 5.6  | 4.6  | 8.6  | 6.8  | 5.2  | 4.4  |
| 36.0                | 9.2                  | 6.9  | 5.4  | 4.6  | 9.3  | 6.9  | 5.5  | 4.6  | 9.4  | 6.9  | 5.4  | 4.5  | 8.2  | 6.5  | 5.0  | 4.3  |
| 38.0                | 8.9                  | 6.6  | 5.2  | 4.4  | 9.0  | 6.7  | 5.2  | 4.4  | 9.0  | 6.7  | 5.2  | 4.3  | 7.9  | 6.3  | 4.8  | 4.2  |
| 40.0                | 8.7                  | 6.4  | 4.9  | 4.2  | 8.6  | 6.4  | 5.0  | 4.2  | 8.7  | 6.4  | 5.0  | 4.2  | 7.5  | 6.0  | 4.7  | 4.0  |
| 42.0                | 8.5                  | 6.1  | 4.7  | 4.1  | 8.3  | 6.1  | 4.8  | 4.1  | 8.4  | 6.2  | 4.8  | 4.0  | 7.1  | 5.8  | 4.5  | 3.9  |
| 44.0                | 8.4                  | 6.0  | 4.6  | 3.9  | 8.1  | 5.9  | 4.6  | 3.9  | 8.2  | 6.0  | 4.7  | 3.9  | 6.8  | 5.6  | 4.4  | 3.8  |
| 46.0                |                      | 5.8  | 4.4  | 3.7  | 7.8  | 5.7  | 4.5  | 3.7  | 7.9  | 5.8  | 4.5  | 3.7  | 6.4  | 5.4  | 4.2  | 3.7  |
| 48.0                |                      | 5.8  | 4.3  | 3.6  | 7.7  | 5.6  | 4.3  | 3.6  | 7.7  | 5.6  | 4.3  | 3.6  | 6.1  | 5.2  | 4.1  | 3.5  |
| 50.0                |                      | 5.7  | 4.2  | 3.5  | 7.5  | 5.4  | 4.2  | 3.5  | 7.4  | 5.4  | 4.2  | 3.5  | 5.8  | 5.0  | 4.0  | 3.4  |
| 52.0                |                      |      | 4.1  | 3.3  | 7.4  | 5.3  | 4.0  | 3.4  | 6.8  | 5.3  | 4.1  | 3.4  | 5.4  | 4.8  | 3.9  | 3.3  |
| 54.0                |                      |      | 4.0  | 3.2  | 6.8  | 5.2  | 3.9  | 3.2  | 6.2  | 5.2  | 4.0  | 3.3  | 5.1  | 4.6  | 3.8  | 3.2  |
| 56.0                |                      |      | 4.0  | 3.1  |      | 5.1  | 3.8  | 3.1  | 5.7  | 5.1  | 3.8  | 3.2  | 4.8  | 4.5  | 3.7  | 3.1  |
| 58.0                |                      |      |      | 3.1  |      | 5.1  | 3.7  | 3.0  | 5.2  | 5.0  | 3.7  | 3.1  | 4.6  | 4.3  | 3.6  | 3.1  |
| 60.0                |                      |      |      | 3.0  |      | 5.0  | 3.6  | 2.9  | 4.8  | 4.9  | 3.7  | 3.0  | 4.1  | 4.2  | 3.6  | 3.0  |
| 62.0                |                      |      |      |      |      |      | 3.6  | 2.9  | 4.4  | 4.8  | 3.6  | 2.9  | 3.7  | 4.0  | 3.5  | 2.9  |
| 64.0                |                      |      |      |      |      |      | 3.5  | 2.8  | 3.9  | 4.4  | 3.5  | 2.8  | 3.3  | 3.7  | 3.5  | 2.8  |
| 66.0                |                      |      |      |      |      |      | 3.5  | 2.7  |      | 4.0  | 3.5  | 2.8  | 2.9  | 3.3  | 3.5  | 2.7  |
| 68.0                |                      |      |      |      |      |      |      | 2.7  |      | 3.6  | 3.4  | 2.7  |      | 3.0  | 3.4  | 2.7  |
| 70.0                |                      |      |      |      |      |      |      | 2.6  |      | 3.2  | 3.4  | 2.7  |      | 2.6  | 3.0  | 2.6  |
| 72.0                |                      |      |      |      |      |      |      |      |      |      | 3.3  | 2.6  |      | 2.3  | 2.7  | 2.6  |
| 74.0                |                      |      |      |      |      |      |      |      |      |      | 3.0  | 2.6  |      |      | 2.4  | 2.5  |
| 76.0                |                      |      |      |      |      |      |      |      |      |      |      | 2.5  |      |      | 2.1  | 2.4  |
| 78.0                |                      |      |      |      |      |      |      |      |      |      |      | 2.5  |      |      |      | 2.1  |
| 80.0                |                      |      |      |      |      |      |      |      |      |      |      | 2.4  |      |      |      |      |
| Number of strands   | 2                    | 2    | 1    | 1    | 2    | 1    | 1    | 1    | 2    | 1    | 1    | 1    | 2    | 1    | 1    | 1    |

Nr. 5500R-75/2987/60.0/09.02.SHLHFS 25

# 5500G Crane equipment



Main boom SH / SHX 85° with luffing fly boom WS



Boom assembly SH WS/ SHXWS see page 37.

Subject to change. See page 7 for notes on load lift charts SH / SHX see page 8.

# 5500G Load ratings



Main boom SH 85°  
with luffing fly boom WS



| 85°<br>Outreach [m] | Main boom length [m] |          |      |      |      |      |      |      |           |      |      |      |      |      |      |           |      |      |      |      |      |      |  |
|---------------------|----------------------|----------|------|------|------|------|------|------|-----------|------|------|------|------|------|------|-----------|------|------|------|------|------|------|--|
|                     | 24.3                 |          |      |      |      |      |      | 29.9 |           |      |      |      |      |      | 35.5 |           |      |      |      |      |      |      |  |
|                     | Fly boom length [m]  |          |      |      |      |      |      |      |           |      |      |      |      |      |      |           |      |      |      |      |      |      |  |
|                     | 13.1*                | 18.7*    | 24.3 | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 | 18.7*     | 24.3 | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 | 18.7*     | 24.3 | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 |  |
| 8.0                 | 70.0/8.5             |          |      |      |      |      |      |      |           |      |      |      |      |      |      |           |      |      |      |      |      |      |  |
| 9.0                 | 68.0                 | 60.0/9.9 |      |      |      |      |      |      |           |      |      |      |      |      |      |           |      |      |      |      |      |      |  |
| 10.0                | 64.4                 | 59.7     |      |      |      |      |      |      | 55.0/10.4 |      |      |      |      |      |      | 45.0/10.9 |      |      |      |      |      |      |  |
| 11.0                | 60.8                 | 56.8     | 48.0 |      |      |      |      |      | 53.5      |      |      |      |      |      |      | 44.8      |      |      |      |      |      |      |  |
| 12.0                | 57.2                 | 53.9     | 46.7 |      |      |      |      |      | 51.1      | 42.3 |      |      |      |      |      | 43.3      |      |      |      |      |      |      |  |
| 13.0                | 53.6                 | 51.1     | 44.8 | 38.2 |      |      |      |      | 48.7      | 40.8 | 34.5 |      |      |      |      | 41.7      | 36.7 |      |      |      |      |      |  |
| 14.0                | 50.0                 | 48.2     | 42.8 | 37.0 | 30.6 |      |      |      | 46.2      | 39.3 | 33.8 |      |      |      |      | 40.2      | 35.6 | 30.3 |      |      |      |      |  |
| 15.0                | 46.4                 | 45.3     | 40.9 | 35.7 | 30.0 |      |      |      | 43.8      | 37.8 | 32.8 | 28.1 |      |      |      | 38.7      | 34.4 | 29.5 | 25.5 |      |      |      |  |
| 16.0                | 42.7                 | 42.4     | 38.9 | 34.4 | 29.2 | 24.8 |      |      | 41.4      | 36.2 | 31.7 | 27.4 | 23.0 |      |      | 37.1      | 33.3 | 28.7 | 25.0 |      |      |      |  |
| 17.0                | 39.3                 | 39.5     | 36.9 | 33.1 | 28.3 | 24.2 | 20.3 |      | 38.9      | 34.7 | 30.7 | 26.7 | 22.6 |      |      | 35.6      | 32.1 | 27.9 | 24.5 | 21.1 |      |      |  |
| 18.0                | 38.6/17.2            | 36.6     | 35.0 | 31.8 | 27.5 | 23.7 | 20.0 |      | 36.5      | 33.2 | 29.7 | 26.0 | 22.1 | 18.9 |      | 34.1      | 31.0 | 27.2 | 23.9 | 20.6 | 17.5 |      |  |
| 19.0                |                      | 34.1     | 33.0 | 30.6 | 26.7 | 23.1 | 19.5 | 16.9 | 34.0      | 31.7 | 28.7 | 25.3 | 21.6 | 18.5 | 16.0 | 32.5      | 29.8 | 26.4 | 23.3 | 20.2 | 17.2 |      |  |
| 20.0                |                      | 31.9     | 31.1 | 29.3 | 25.8 | 22.5 | 19.1 | 16.6 | 31.8      | 30.2 | 27.7 | 24.5 | 21.1 | 18.1 | 15.7 | 31.0      | 28.7 | 25.6 | 22.7 | 19.8 | 16.9 | 14.9 |  |
| 22.0                |                      | 28.1     | 27.4 | 26.7 | 24.2 | 21.3 | 18.3 | 15.9 | 28.0      | 27.2 | 25.6 | 23.1 | 20.1 | 17.4 | 15.2 | 27.9      | 26.3 | 24.0 | 21.5 | 18.9 | 16.3 | 14.4 |  |
| 24.0                |                      |          | 24.4 | 24.2 | 22.5 | 20.2 | 17.5 | 15.3 | 26.1/23.2 | 24.3 | 23.6 | 21.7 | 19.1 | 16.7 | 14.6 | 25.3/23.7 | 24.0 | 22.4 | 20.4 | 18.0 | 15.6 | 13.8 |  |
| 26.0                |                      |          | 21.9 | 21.7 | 20.9 | 19.0 | 16.7 | 14.7 |           | 21.8 | 21.5 | 20.2 | 18.1 | 15.9 | 14.0 |           | 21.7 | 20.8 | 19.2 | 17.2 | 15.0 | 13.3 |  |
| 28.0                |                      |          | 19.8 | 19.6 | 19.2 | 17.9 | 15.9 | 14.0 |           | 19.7 | 19.5 | 18.8 | 17.1 | 15.2 | 13.4 |           | 19.6 | 19.2 | 18.0 | 16.3 | 14.3 | 12.8 |  |
| 30.0                |                      |          |      | 17.8 | 17.6 | 16.7 | 15.0 | 13.4 |           |      | 17.8 | 17.4 | 16.1 | 14.4 | 12.8 |           |      | 17.7 | 16.9 | 15.4 | 13.7 | 12.3 |  |
| 32.0                |                      |          |      | 16.3 | 16.0 | 15.5 | 14.2 | 12.8 |           |      | 16.2 | 16.0 | 15.1 | 13.7 | 12.3 |           |      | 16.1 | 15.7 | 14.6 | 13.0 | 11.7 |  |
| 34.0                |                      |          |      |      | 14.7 | 14.4 | 13.4 | 12.1 |           |      | 14.9 | 14.6 | 14.1 | 13.0 | 11.7 |           |      | 14.8 | 14.5 | 13.7 | 12.4 | 11.2 |  |
| 36.0                |                      |          |      |      | 13.5 | 13.2 | 12.6 | 11.5 |           |      |      | 13.5 | 13.1 | 12.2 | 11.1 |           |      |      | 13.4 | 12.8 | 11.7 | 10.7 |  |
| 38.0                |                      |          |      |      | 12.5 | 12.2 | 11.7 | 10.9 |           |      |      | 12.4 | 12.1 | 11.5 | 10.5 |           |      |      | 12.3 | 12.0 | 11.1 | 10.2 |  |
| 40.0                |                      |          |      |      |      | 11.3 | 10.9 | 10.2 |           |      |      |      | 11.2 | 10.8 | 10.0 |           |      |      | 11.4 | 11.1 | 10.5 | 9.6  |  |
| 42.0                |                      |          |      |      |      | 10.4 | 10.1 | 9.6  |           |      |      |      | 10.3 | 10.0 | 9.4  |           |      |      |      | 10.3 | 9.8  | 9.1  |  |
| 44.0                |                      |          |      |      |      | 9.6  | 9.4  | 9.0  |           |      |      |      | 9.6  | 9.3  | 8.8  |           |      |      |      | 9.5  | 9.2  | 8.6  |  |
| 46.0                |                      |          |      |      |      |      | 8.7  | 8.3  |           |      |      |      |      | 8.6  | 8.2  |           |      |      |      |      | 8.5  | 8.1  |  |
| 48.0                |                      |          |      |      |      |      | 8.0  | 7.7  |           |      |      |      |      | 8.0  | 7.7  |           |      |      |      |      | 7.9  | 7.5  |  |
| 50.0                |                      |          |      |      |      |      | 7.4  | 7.1  |           |      |      |      |      | 7.4  | 7.1  |           |      |      |      |      | 7.3  | 7.0  |  |
| 52.0                |                      |          |      |      |      |      |      | 6.6  |           |      |      |      |      |      | 6.6  |           |      |      |      |      |      | 6.5  |  |
| 54.0                |                      |          |      |      |      |      |      | 6.1  |           |      |      |      |      |      | 6.1  |           |      |      |      |      |      | 6.0  |  |
| 56.0                |                      |          |      |      |      |      |      |      |           |      |      |      |      |      | 5.6  |           |      |      |      |      |      | 5.5  |  |
| Number of strands   | 6                    | 5        | 5    | 4    | 3    | 3    | 2    | 2    | 5         | 4    | 3    | 3    | 3    | 2    | 2    | 4         | 4    | 3    | 3    | 2    | 2    | 2    |  |

Tab.-Nr.: 5500R-75/2987/60.0/10.06 SHWS 85

**Notes:**

- The rated loads shown are based on the machine on firm level ground without travelling.
- The rated loads shown are in metric tons valid for 360 degrees swing.
- Liftcrane capacities are calculated to comply with ISO 4305 table 1+2 and the tilting angle method (tilting angle 4 deg.)
- The rated loads shown include the weight of all lifting attachments, such as hook and bucket.
- In operation crawler must be extended.
- The users must derate or limit the lifted loads to allow for adverse conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel and travelling with a load.
- Max. single line pull for crane operation with rope diameter 26 mm - 12.000 kg.
- Loads are valid for the SHWS-boom.
- Lifting chart values apply to optimum boom assembly and rolley head with plastic trolleys.
- When the main hoist block is reserved, the capacity of the luffing jib at actual radius must be reduced by the weight of all load carrying devices of the main boom tackle.
- Simultaneous lifting over tower and jib is not allowed.

# 5500G Load ratings



Main boom SH 85°  
with luffing fly boom WS



| 85°<br>Outreach [m] | Main boom length [m] |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                     | 41.1                 |      |      |      |      |      | 46.7 |      |      |      |      |      | 52.3 |      |      |      |      |      |
|                     | Fly boom length [m]  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                     | 24.3                 | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 | 24.3 | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 | 24.3 | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 |
| 12.0                |                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 13.0                | 32.8                 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 14.0                | 31.9                 | 27.5 |      |      |      |      | 28.5 |      |      |      |      |      | 24.9 |      |      |      |      |      |
| 15.0                | 31.1                 | 27.0 |      |      |      |      | 27.8 | 24.1 |      |      |      |      | 24.4 | 21.2 |      |      |      |      |
| 16.0                | 30.2                 | 26.4 | 23.1 |      |      |      | 27.2 | 23.6 | 20.6 |      |      |      | 23.9 | 20.9 |      |      |      |      |
| 17.0                | 29.3                 | 25.7 | 22.6 | 19.5 |      |      | 26.5 | 23.1 | 20.2 |      |      |      | 23.5 | 20.5 | 17.9 |      |      |      |
| 18.0                | 28.4                 | 25.1 | 22.1 | 19.2 |      |      | 25.8 | 22.5 | 19.8 | 17.4 |      |      | 23.0 | 20.1 | 17.6 | 15.5 |      |      |
| 19.0                | 27.5                 | 24.4 | 21.6 | 18.8 | 15.9 |      | 25.1 | 22.0 | 19.4 | 17.1 | 14.5 |      | 22.5 | 19.8 | 17.3 | 15.2 |      |      |
| 20.0                | 26.6                 | 23.8 | 21.1 | 18.4 | 15.6 | 14.0 | 24.4 | 21.5 | 19.0 | 16.8 | 14.3 |      | 22.0 | 19.4 | 17.0 | 15.0 | 12.5 |      |
| 22.0                | 24.8                 | 22.5 | 20.1 | 17.7 | 15.1 | 13.5 | 23.1 | 20.5 | 18.2 | 16.1 | 13.8 | 12.1 | 21.1 | 18.6 | 16.4 | 14.5 | 12.1 | 10.4 |
| 24.0                | 23.0                 | 21.2 | 19.1 | 16.9 | 14.5 | 13.1 | 21.7 | 19.5 | 17.4 | 15.5 | 13.3 | 11.7 | 20.1 | 17.8 | 15.8 | 14.0 | 11.8 | 10.0 |
| 26.0                | 21.3                 | 19.9 | 18.1 | 16.2 | 13.9 | 12.6 | 20.3 | 18.5 | 16.7 | 14.9 | 12.8 | 11.3 | 19.2 | 17.1 | 15.2 | 13.5 | 11.4 | 9.7  |
| 28.0                | 19.5                 | 18.6 | 17.1 | 15.4 | 13.4 | 12.1 | 18.9 | 17.5 | 15.9 | 14.3 | 12.4 | 10.9 | 18.2 | 16.3 | 14.5 | 13.0 | 11.0 | 9.4  |
| 30.0                |                      | 17.3 | 16.2 | 14.7 | 12.8 | 11.6 | 17.6 | 16.4 | 15.1 | 13.6 | 11.9 | 10.5 | 17.3 | 15.5 | 13.9 | 12.5 | 10.6 | 9.1  |
| 32.0                |                      | 16.0 | 15.2 | 13.9 | 12.3 | 11.2 |      | 15.4 | 14.3 | 13.0 | 11.4 | 10.1 |      | 14.8 | 13.3 | 12.0 | 10.3 | 8.8  |
| 34.0                |                      | 14.7 | 14.2 | 13.2 | 11.7 | 10.7 |      | 14.4 | 13.5 | 12.4 | 10.9 | 9.7  |      | 14.0 | 12.7 | 11.5 | 9.9  | 8.5  |
| 36.0                |                      |      | 13.2 | 12.4 | 11.1 | 10.2 |      |      | 12.7 | 11.7 | 10.4 | 9.3  |      | 13.2 | 12.1 | 11.0 | 9.5  | 8.2  |
| 38.0                |                      |      | 12.2 | 11.7 | 10.6 | 9.7  |      |      | 11.9 | 11.1 | 10.0 | 8.9  |      |      | 11.5 | 10.5 | 9.1  | 7.9  |
| 40.0                |                      |      | 11.3 | 10.9 | 10.0 | 9.2  |      |      | 11.1 | 10.5 | 9.5  | 8.5  |      |      | 10.9 | 10.0 | 8.7  | 7.6  |
| 42.0                |                      |      |      | 10.2 | 9.5  | 8.8  |      |      |      | 9.9  | 9.0  | 8.1  |      |      |      | 9.5  | 8.4  | 7.3  |
| 44.0                |                      |      |      | 9.4  | 8.9  | 8.3  |      |      |      | 9.2  | 8.5  | 7.7  |      |      |      | 8.9  | 8.0  | 7.0  |
| 46.0                |                      |      |      | 8.7  | 8.4  | 7.8  |      |      |      | 8.6  | 8.0  | 7.3  |      |      |      | 8.4  | 7.6  | 6.7  |
| 48.0                |                      |      |      |      | 7.8  | 7.3  |      |      |      |      | 7.6  | 6.9  |      |      |      |      | 7.2  | 6.4  |
| 50.0                |                      |      |      |      | 7.2  | 6.9  |      |      |      |      | 7.1  | 6.5  |      |      |      |      | 6.9  | 6.1  |
| 52.0                |                      |      |      |      |      | 6.4  |      |      |      |      | 6.6  | 6.1  |      |      |      |      | 6.5  | 5.8  |
| 54.0                |                      |      |      |      |      | 5.9  |      |      |      |      |      | 5.7  |      |      |      |      |      | 5.5  |
| 56.0                |                      |      |      |      |      | 5.5  |      |      |      |      |      | 5.3  |      |      |      |      |      | 5.2  |
| 58.0                |                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 4.9  |
| 60.0                |                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| Number of strands   | 4                    | 3    | 3    | 2    | 2    | 2    | 3    | 3    | 2    | 2    | 2    | 2    | 3    | 2    | 2    | 2    | 2    | 2    |

# 5500G Load ratings



Main boom SHX 85°  
with luffing fly boom WS



| 85°<br>Outreach [m]      | Main boom length [m] |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
|--------------------------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                          | 24.3                 |           |           |           |           |           | 29.9      |           |           |           |           |           | 35.5      |           |           |           |           |           |
|                          | Fly boom length [m]  |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
|                          | 24.3                 | 29.9      | 35.5      | 41.1      | 46.7      | 52.3      | 24.3      | 29.9      | 35.5      | 41.1      | 46.7      | 52.3      | 24.3      | 29.9      | 35.5      | 41.1      | 46.7      | 52.3      |
| 8.0                      |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 9.0                      |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 10.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 11.0                     | 59.5/11.4            | 49.0/12.8 |           |           |           |           | 50.5/11.8 |           |           |           |           |           |           |           |           |           |           |           |
| 12.0                     | 59.4                 | 48.7      |           |           |           |           | 50.4      |           |           |           |           |           | 45.9/12.3 |           |           |           |           |           |
| 13.0                     | 59.3                 | 48.1      | 40.2/14.3 |           |           |           | 49.2      | 41.7/13.3 |           |           |           |           | 45.2      | 38.4/13.8 |           |           |           |           |
| 14.0                     | 58.6                 | 47.1      | 39.9      | 34.3/15.7 |           |           | 48.1      | 40.6      | 34.9/14.7 |           |           |           | 43.8      | 37.9      |           |           |           |           |
| 15.0                     | 54.7                 | 46.1      | 39.3      | 33.7      | 26.8/17.1 |           | 48.0      | 39.8      | 34.4      |           |           |           | 42.6      | 36.9      | 31.2/15.2 |           |           |           |
| 16.0                     | 51.2                 | 43.7      | 38.2      | 32.6      | 26.5      | 22.3/18.6 | 47.9      | 37.6      | 33.9      | 29.6/16.2 | 24.5/17.6 |           | 41.4      | 35.9      | 30.9      | 27.1/16.7 |           |           |
| 18.0                     | 45.4                 | 39.1      | 37.9      | 31.7      | 25.6      | 21.4      | 43.7      | 36.5      | 32.5      | 29.1      | 23.7      | 20.5/19.1 | 39.4      | 34.2      | 29.9      | 26.9      | 22.1/18.1 | 19.0/19.6 |
| 20.0                     | 40.7                 | 35.4      | 34.3      | 30.9      | 24.9      | 20.7      | 39.3      | 34.4      | 31.8      | 28.3      | 22.9      | 20.0      | 38.1      | 32.7      | 28.7      | 25.7      | 21.9      | 18.4      |
| 22.0                     | 36.3                 | 32.1      | 31.3      | 30.4      | 24.2      | 20.1      | 35.6      | 31.4      | 31.0      | 27.6      | 22.3      | 19.3      | 34.6      | 32.6      | 27.6      | 24.7      | 21.2      | 17.8      |
| 24.0                     | 32.5                 | 29.0      | 28.7      | 27.9      | 23.7      | 19.6      | 32.3      | 28.9      | 30.2      | 27.1      | 21.8      | 18.7      | 31.6      | 30.4      | 26.6      | 23.8      | 21.0      | 17.3      |
| 26.0                     | 29.4                 | 26.4      | 26.1      | 25.7      | 23.3      | 19.1      | 29.2      | 26.4      | 27.8      | 26.7      | 21.3      | 18.2      | 29.1      | 27.9      | 25.8      | 23.0      | 20.5      | 16.8      |
| 28.0                     | 24.2                 | 24.1      | 23.9      | 23.7      | 22.8      | 18.7      | 26.4      | 24.1      | 25.6      | 24.9      | 21.0      | 17.8      | 24.2      | 25.8      | 25.0      | 22.4      | 20.1      | 16.4      |
| 30.0                     | 23.4/28.2            | 21.6      | 21.9      | 21.7      | 21.2      | 18.4      | 24.3/28.7 | 22.1      | 23.7      | 23.1      | 20.8      | 17.4      | 23.4/29.2 | 23.9      | 23.2      | 22.3      | 19.6      | 16.1      |
| 32.0                     |                      | 17.8/33.7 | 20.2      | 20.0      | 19.6      | 18.2      |           | 19.1      | 21.7      | 21.5      | 20.6      | 17.1      |           | 21.6      | 21.6      | 20.8      | 19.2      | 15.8      |
| 34.0                     |                      |           | 18.5      | 18.5      | 18.1      | 17.2      |           | 18.7/34.2 | 20.1      | 19.9      | 19.4      | 16.9      |           | 17.8      | 20.1      | 19.4      | 18.7      | 15.6      |
| 36.0                     |                      |           | 15.6      | 17.2      | 16.8      | 16.6      |           |           | 18.6      | 18.4      | 18.1      | 16.7      |           | 17.7/34.6 | 18.5      | 18.2      | 17.5      | 15.5      |
| 38.0                     |                      |           | 13.8/39.1 | 15.8      | 15.6      | 15.4      |           |           | 16.8      | 17.1      | 16.8      | 16.2      |           |           | 15.6      | 16.9      | 16.4      | 15.4      |
| 40.0                     |                      |           |           | 13.6      | 14.5      | 14.3      |           |           | 14.6/39.6 | 15.9      | 15.7      | 15.3      |           |           | 13.8      | 15.8      | 15.5      | 14.7      |
| 42.0                     |                      |           |           | 11.5      | 13.2      | 13.4      |           |           |           | 14.7      | 14.6      | 14.2      |           |           | 13.7/40.1 | 13.6      | 14.5      | 13.7      |
| 44.0                     |                      |           |           | 10.8/44.6 | 11.5      | 12.2      |           |           |           | 12.9      | 13.6      | 13.3      |           |           |           | 11.5      | 13.2      | 12.8      |
| 46.0                     |                      |           |           |           | 10.0      | 10.8      |           |           |           | 11.7/45.1 | 12.8      | 12.4      |           |           |           | 10.8/45.6 | 11.5      | 12.0      |
| 48.0                     |                      |           |           |           | 8.4       | 9.5       |           |           |           |           | 11.3      | 11.6      |           |           |           |           | 10.0      | 10.8      |
| 50.0                     |                      |           |           |           | 8.3/50.1  | 8.3       |           |           |           |           | 9.6       | 10.9      |           |           |           |           | 8.4       | 9.5       |
| 52.0                     |                      |           |           |           |           | 7.2       |           |           |           |           | 9.0/50.6  | 9.6       |           |           |           |           | 8.3/51.1  | 8.3       |
| 54.0                     |                      |           |           |           |           | 6.3/55.6  |           |           |           |           |           | 8.3       |           |           |           |           |           | 7.2       |
| 56.0                     |                      |           |           |           |           |           |           |           |           |           |           | 7.0       |           |           |           |           |           | 6.3       |
| 58.0                     |                      |           |           |           |           |           |           |           |           |           |           | 6.9/56.1  |           |           |           |           |           | 6.2/56.6  |
| 60.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 62.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 64.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 66.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 68.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 70.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 72.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 74.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 76.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 78.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 80.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| <b>Number of strands</b> | 5                    | 4         | 4         | 3         | 3         | 2         | 4         | 4         | 3         | 3         | 2         | 2         | 4         | 3         | 3         | 3         | 2         | 2         |

TAB. - Nr. 5500R-80/3020/75.0/02.18 SHXWS 85

- Notes:**
- The rated loads shown are based on the machine on firm level ground without travelling.
  - The rated loads shown are in metric tons valid for 360 degrees swing.
  - Liftcrane capacities are calculated to comply with ISO 4305 table 1+2 and the tilting angle method (tilting angle 4 deg.)
  - The rated loads shown include the weight of all lifting attachments, such as hook and bucket.
  - In operation crawler must be extended.
  - The users must derate or limit the lifted loads to allow for adverse conditions, wind, side loads, pendulum action, jerking or sudden stopping of loads, inexperience of personnel and travelling with a load.
  - Max. single line pull for crane operation with rope diameter 26 mm - 12.500 kg.
  - Loads are valid for the SHXWS-boom including reinforced main boom inserts (boom assembly acc. operation manual)
  - Lifting chart values apply to optimum boom assembly and rolley head with plastic trolleys.
  - When the main hoist block is reserved, the capacity of the luffing jib at actual radius must be reduced by the weight of all load carrying devices of the main boom tackle.
  - Simultaneous lifting over tower and jib is not allowed.



# 5500G Load ratings



Main boom SHX 85°  
with luffing fly boom WS

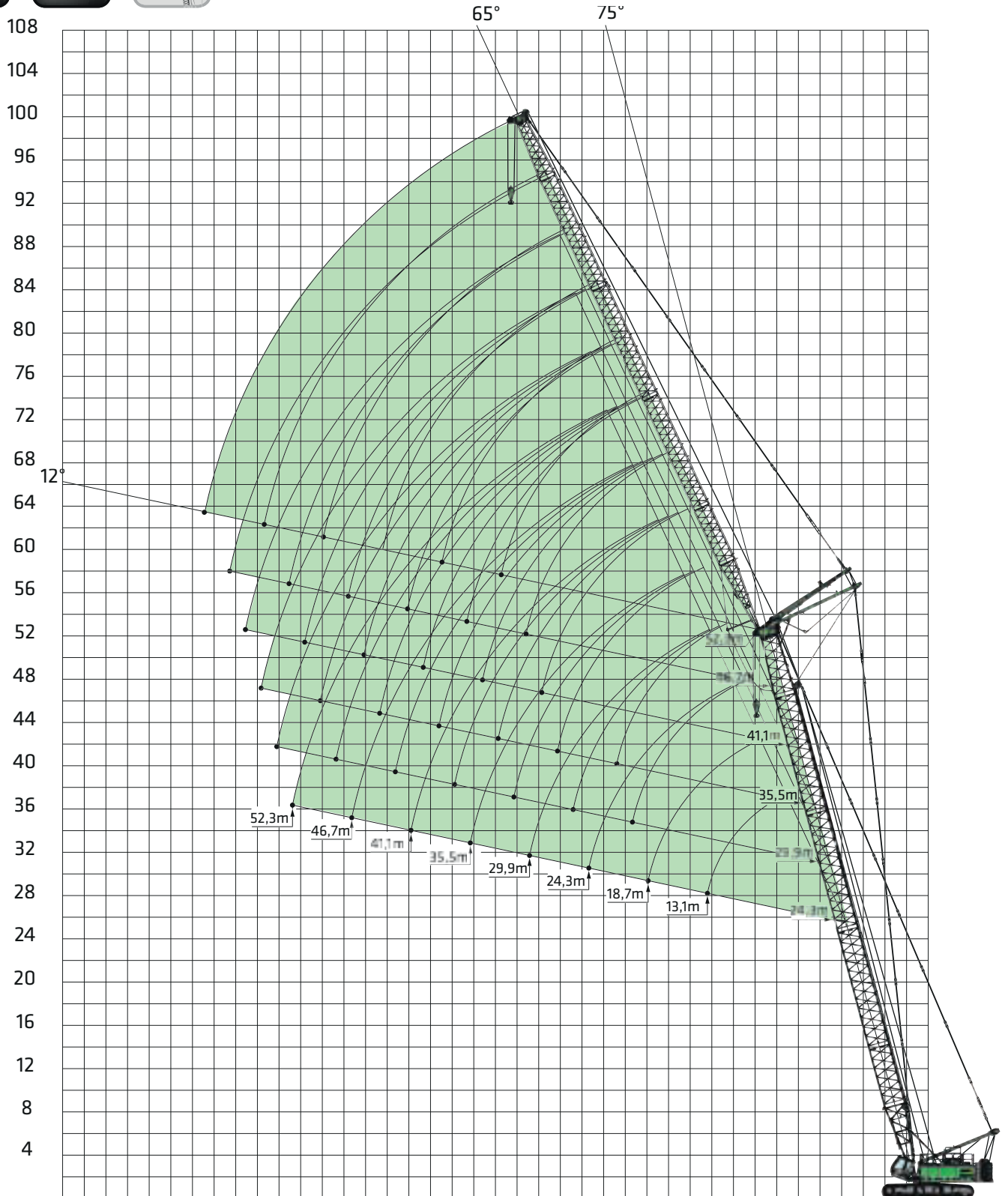


| 85°<br>Outreach [m]      | Main boom length [m] |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
|--------------------------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                          | 41.1                 |           |           |           |           |           | 46.7      |           |           |           |           |           | 52.3      |           |           |           |           |           |
|                          | Fly boom length [m]  |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
|                          | 24.3                 | 29.9      | 35.5      | 41.1      | 46.7      | 52.3      | 24.3      | 29.9      | 35.5      | 41.1      | 46.7      | 52.3      | 24.3      | 29.9      | 35.5      | 41.1      | 46.7      | 52.3      |
| 8.0                      |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 9.0                      |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 10.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 11.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 12.0                     | 39.0/12.8            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 13.0                     | 38.9                 |           |           |           |           |           | 32.5/13.3 |           |           |           |           |           | 27.6/13.8 |           |           |           |           |           |
| 14.0                     | 38.7                 | 31.4/14.3 |           |           |           |           | 32.0      | 27.0/14.8 |           |           |           |           | 27.4      |           |           |           |           |           |
| 15.0                     | 37.5                 | 30.7      | 27.5/15.7 |           |           |           | 30.9      | 26.8      |           |           |           |           | 27.2      | 23.1/15.2 |           |           |           |           |
| 16.0                     | 36.4                 | 29.9      | 27.3      | 23.1/17.2 |           |           | 29.9      | 26.0      | 23.0/16.2 | 20.0/17.7 |           |           | 26.7      | 22.8      | 19.7/16.7 |           |           |           |
| 18.0                     | 34.4                 | 28.4      | 25.9      | 22.3      | 19.4/18.6 |           | 28.1      | 24.5      | 21.9      | 19.9      | 17.2/19.1 |           | 25.3      | 21.8      | 19.5      | 17.0/18.1 | 14.7/19.6 |           |
| 20.0                     | 32.7                 | 27.4      | 24.7      | 21.3      | 18.9      | 16.5/20.1 | 26.7      | 23.3      | 20.7      | 18.9      | 16.8      | 14.6/20.6 | 24.9      | 21.1      | 19.0      | 16.7      | 14.6      | 12.5/21.0 |
| 22.0                     | 31.3                 | 26.8      | 23.6      | 20.4      | 18.1      | 15.8      | 25.5      | 22.2      | 19.8      | 18.0      | 16.0      | 14.3      | 24.4      | 20.6      | 18.5      | 16.3      | 14.3      | 12.4      |
| 24.0                     | 30.2                 | 26.4      | 22.7      | 19.7      | 17.4      | 15.2      | 24.5      | 21.3      | 18.9      | 17.2      | 15.3      | 13.9      | 23.9      | 19.8      | 17.9      | 16.0      | 14.1      | 12.2      |
| 26.0                     | 28.1                 | 25.6      | 21.9      | 19.0      | 16.7      | 14.6      | 23.7      | 20.6      | 18.2      | 16.5      | 14.7      | 13.5      | 23.1      | 19.2      | 17.6      | 15.8      | 13.9      | 12.1      |
| 28.0                     | 24.2                 | 25.2      | 21.5      | 18.4      | 16.2      | 14.1      | 23.1      | 19.9      | 17.6      | 15.9      | 14.1      | 13.2      | 22.2      | 18.7      | 17.4      | 15.4      | 13.8      | 12.0      |
| 30.0                     | 23.4/29.7            | 23.4      | 20.9      | 17.9      | 15.7      | 13.6      | 23.0      | 19.4      | 17.0      | 15.4      | 13.6      | 12.9      | 21.6      | 18.4      | 17.1      | 15.0      | 13.7      | 11.8      |
| 32.0                     |                      | 21.6      | 20.4      | 17.4      | 15.3      | 13.2      | 22.9/30.1 | 19.1      | 16.6      | 15.0      | 13.2      | 12.7      | 21.5/30.6 | 18.1      | 16.8      | 14.6      | 13.3      | 11.6      |
| 34.0                     |                      | 17.8      | 19.5      | 17.2      | 14.9      | 12.9      |           | 17.8      | 16.2      | 14.6      | 12.8      | 12.6      |           | 17.6      | 16.3      | 14.2      | 12.8      | 11.3      |
| 36.0                     |                      | 17.7/35.1 | 18.3      | 16.9      | 14.6      | 12.5      |           | 17.7/35.6 | 15.9      | 14.3      | 12.4      | 12.3      |           | 17.5      | 15.8      | 13.8      | 12.4      | 11.0      |
| 38.0                     |                      |           | 15.6      | 16.7      | 14.5      | 12.3      |           |           | 15.6      | 14.0      | 12.2      | 11.9      |           | 17.4/36.1 | 15.5      | 13.4      | 12.0      | 10.7      |
| 40.0                     |                      |           | 13.8      | 15.7      | 14.4      | 12.1      |           |           | 13.8      | 13.8      | 11.9      | 11.6      |           |           | 13.8      | 13.1      | 11.7      | 10.3      |
| 42.0                     |                      |           | 13.7/40.6 | 13.6      | 13.9      | 12.0      |           |           | 13.7/41.1 | 13.6      | 11.7      | 11.3      |           |           | 13.7/41.6 | 12.9      | 11.4      | 10.0      |
| 44.0                     |                      |           |           | 11.5      | 13.1      | 11.8      |           |           |           | 11.5      | 11.6      | 11.1      |           |           |           | 11.5      | 11.1      | 9.8       |
| 46.0                     |                      |           |           | 10.8      | 11.5      | 11.3      |           |           |           | 10.8      | 11.5      | 10.7      |           |           |           | 10.8      | 10.9      | 9.5       |
| 48.0                     |                      |           |           | 10.7/46.1 | 10.0      | 10.6      |           |           |           | 10.7/46.6 | 10.0      | 10.0      |           |           |           | 10.7/47.1 | 10.0      | 9.3       |
| 50.0                     |                      |           |           |           | 8.4       | 9.5       |           |           |           |           | 8.4       | 9.4       |           |           |           |           | 8.4       | 8.7       |
| 52.0                     |                      |           |           |           | 8.3/51.6  | 8.3       |           |           |           |           | 8.3       | 8.3       |           |           |           |           | 8.3       | 8.2       |
| 54.0                     |                      |           |           |           |           | 7.2       |           |           |           |           |           | 7.2       |           |           |           |           | 8.2/52.5  | 7.2       |
| 56.0                     |                      |           |           |           |           | 6.3       |           |           |           |           |           | 6.3       |           |           |           |           |           | 6.3       |
| 58.0                     |                      |           |           |           |           | 6.2/57.0  |           |           |           |           |           | 6.2/57.5  |           |           |           |           |           | 6.2       |
| 60.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 62.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 64.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 66.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 68.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 70.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 72.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 74.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 76.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 78.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 80.0                     |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| <b>Number of strands</b> | 3                    | 3         | 3         | 2         | 2         | 2         | 3         | 3         | 2         | 2         | 2         | 2         | 3         | 2         | 2         | 2         | 2         | 2         |

# 5500G Crane equipment



Main boom SH/SHX 75°  
with luffing fly boom WS



Boom assembly SH WS / SHXWS see page 37.

24 Subject to change. See page 20 for notes on load lift charts SHWS / SHXWS see page 22.



# 5500G Load ratings



**Main boom SH 75°  
with luffing fly boom WS**



| 75°<br>Outreach [m]      | Main boom length [m] |           |      |      |      |      |      |      |           |      |      |      |      |      |      |           |      |      |      |      |      |      |  |
|--------------------------|----------------------|-----------|------|------|------|------|------|------|-----------|------|------|------|------|------|------|-----------|------|------|------|------|------|------|--|
|                          | 24.3                 |           |      |      |      |      |      | 29.9 |           |      |      |      |      |      | 35.5 |           |      |      |      |      |      |      |  |
|                          | Fly boom length [m]  |           |      |      |      |      |      |      |           |      |      |      |      |      |      |           |      |      |      |      |      |      |  |
|                          | 13.1*                | 18.7*     | 24.3 | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 | 18.7*     | 24.3 | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 | 18.7*     | 24.3 | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 |  |
| 14.0                     | 45.0/14.8            |           |      |      |      |      |      |      |           |      |      |      |      |      |      |           |      |      |      |      |      |      |  |
| 15.0                     | 44.1                 |           |      |      |      |      |      |      |           |      |      |      |      |      |      |           |      |      |      |      |      |      |  |
| 16.0                     | 40.5                 |           |      |      |      |      |      |      |           |      |      |      |      |      |      |           |      |      |      |      |      |      |  |
| 17.0                     | 37.4                 | 36.0/17.1 |      |      |      |      |      |      |           |      |      |      |      |      |      |           |      |      |      |      |      |      |  |
| 18.0                     | 34.7                 | 34.2      |      |      |      |      |      |      | 32.3/18.6 |      |      |      |      |      |      |           |      |      |      |      |      |      |  |
| 19.0                     | 32.3                 | 32.1      |      |      |      |      |      |      | 31.3      |      |      |      |      |      |      |           |      |      |      |      |      |      |  |
| 20.0                     | 30.2                 | 30.0      | 29.1 |      |      |      |      |      | 29.3      |      |      |      |      |      |      |           | 28.5 |      |      |      |      |      |  |
| 22.0                     | 27.4/21.4            | 26.5      | 25.6 | 25.2 |      |      |      |      | 25.9      | 24.9 |      |      |      |      |      |           | 25.2 |      |      |      |      |      |  |
| 24.0                     |                      | 23.7      | 22.8 | 22.4 |      |      |      |      | 23.1      | 22.2 | 21.8 |      |      |      |      |           | 22.5 | 21.6 |      |      |      |      |  |
| 26.0                     |                      | 21.3      | 20.5 | 20.1 | 19.7 |      |      |      | 20.8      | 20.0 | 19.6 | 19.1 |      |      |      |           | 20.2 | 19.4 | 18.9 |      |      |      |  |
| 28.0                     |                      |           | 18.5 | 18.2 | 17.8 | 17.4 |      |      | 18.8      | 18.0 | 17.7 | 17.3 | 16.8 |      |      |           | 18.3 | 17.5 | 17.1 | 16.7 |      |      |  |
| 30.0                     |                      |           | 16.9 | 16.5 | 16.2 | 15.8 | 15.4 |      |           | 16.4 | 16.1 | 15.7 | 15.2 |      |      | 16.8/29.8 | 15.9 | 15.5 | 15.1 | 14.7 |      |      |  |
| 32.0                     |                      |           | 15.4 | 15.1 | 14.7 | 14.4 | 14.0 | 13.6 |           | 15.0 | 14.7 | 14.3 | 13.9 | 13.4 |      |           | 14.5 | 14.2 | 13.8 | 13.3 | 12.9 |      |  |
| 34.0                     |                      |           |      | 13.8 | 13.5 | 13.1 | 12.7 | 12.3 |           |      | 13.4 | 13.1 | 12.7 | 12.3 | 11.8 |           | 13.3 | 13.0 | 12.6 | 12.2 | 11.7 |      |  |
| 36.0                     |                      |           |      | 12.7 | 12.4 | 12.0 | 11.7 | 11.3 |           |      | 12.4 | 12.0 | 11.6 | 11.2 | 10.8 |           |      | 11.9 | 11.5 | 11.1 | 10.7 | 10.3 |  |
| 38.0                     |                      |           |      |      | 11.4 | 11.1 | 10.7 | 10.3 |           |      | 11.4 | 11.1 | 10.7 | 10.3 | 9.9  |           |      | 11.0 | 10.6 | 10.2 | 9.8  | 9.4  |  |
| 40.0                     |                      |           |      |      | 10.6 | 10.2 | 9.8  | 9.5  |           |      |      | 10.2 | 9.8  | 9.4  | 9.0  |           |      | 10.1 | 9.8  | 9.4  | 9.0  | 8.6  |  |
| 42.0                     |                      |           |      |      | 9.8  | 9.4  | 9.1  | 8.7  |           |      |      | 9.4  | 9.1  | 8.7  | 8.3  |           |      |      | 9.1  | 8.7  | 8.3  | 7.9  |  |
| 44.0                     |                      |           |      |      |      | 8.7  | 8.4  | 8.0  |           |      |      | 8.7  | 8.4  | 8.0  | 7.6  |           |      |      | 8.4  | 8.0  | 7.6  | 7.2  |  |
| 46.0                     |                      |           |      |      |      | 8.1  | 7.7  | 7.4  |           |      |      |      | 7.8  | 7.4  | 7.0  |           |      |      | 7.7  | 7.4  | 7.0  | 6.6  |  |
| 48.0                     |                      |           |      |      |      | 7.5  | 7.1  | 6.8  |           |      |      |      | 7.2  | 6.8  | 6.4  |           |      |      |      | 6.8  | 6.5  | 6.1  |  |
| 50.0                     |                      |           |      |      |      |      | 6.6  | 6.3  |           |      |      |      | 6.6  | 6.3  | 5.9  |           |      |      |      | 6.3  | 6.0  | 5.6  |  |
| 52.0                     |                      |           |      |      |      |      | 6.1  | 5.8  |           |      |      |      |      | 5.8  | 5.5  |           |      |      |      |      | 5.5  | 5.1  |  |
| 54.0                     |                      |           |      |      |      |      | 5.6  | 5.3  |           |      |      |      |      | 5.4  | 5.0  |           |      |      |      |      | 5.1  | 4.7  |  |
| 56.0                     |                      |           |      |      |      |      |      | 4.9  |           |      |      |      |      |      | 4.6  |           |      |      |      |      | 4.7  | 4.3  |  |
| 58.0                     |                      |           |      |      |      |      |      | 4.5  |           |      |      |      |      |      | 4.2  |           |      |      |      |      |      | 3.9  |  |
| 60.0                     |                      |           |      |      |      |      |      |      |           |      |      |      |      |      | 3.9  |           |      |      |      |      |      | 3.6  |  |
| 62.0                     |                      |           |      |      |      |      |      |      |           |      |      |      |      |      |      |           |      |      |      |      |      | 3.2  |  |
| <b>Number of strands</b> | 6                    | 5         | 5    | 4    | 3    | 3    | 2    | 2    | 5         | 4    | 4    | 3    | 3    | 2    | 2    | 4         | 4    | 3    | 3    | 2    | 2    | 2    |  |

Tab.-Nr.: 5500R-75/2987/60.0/10.06 SHWS 75

# 5500G Load ratings



Main boom SH 75°  
with luffing fly boom WS



| 75°<br>Outreach [m] | Main boom length [m] |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|---------------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
|                     | 41.1                 |      |      |      |      |      | 46.7 |      |      |      |      |      | 52.3 |      |      |      |      |      |     |
|                     | Fly boom length [m]  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|                     | 24.3                 | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 | 24.3 | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 | 24.3 | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 |     |
| 20.0                |                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| 22.0                |                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| 24.0                | 20.8                 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| 26.0                | 18.7                 |      |      |      |      |      | 17.9 |      |      |      |      |      |      |      |      |      |      |      |     |
| 28.0                | 16.9                 | 16.4 |      |      |      |      | 16.2 | 15.7 |      |      |      |      |      | 15.5 |      |      |      |      |     |
| 30.0                | 15.3                 | 14.9 | 14.5 |      |      |      | 14.7 | 14.3 | 13.8 |      |      |      |      | 14.0 | 13.6 |      |      |      |     |
| 32.0                | 14.0                 | 13.6 | 13.2 | 12.7 |      |      | 13.4 | 13.0 | 12.5 |      |      |      |      | 12.8 | 12.3 | 11.9 |      |      |     |
| 34.0                | 12.8                 | 12.5 | 12.0 | 11.6 | 11.1 |      | 12.3 | 11.9 | 11.5 | 11.0 |      |      |      | 11.7 | 11.3 | 10.8 | 10.3 |      |     |
| 36.0                | 11.8                 | 11.5 | 11.0 | 10.6 | 10.2 | 9.7  | 11.3 | 10.9 | 10.5 | 10.0 | 9.6  |      |      | 10.8 | 10.3 | 9.9  | 9.4  |      |     |
| 38.0                |                      | 10.5 | 10.1 | 9.7  | 9.3  | 8.8  | 10.4 | 10.1 | 9.6  | 9.2  | 8.7  | 8.3  |      | 9.9  | 9.5  | 9.1  | 8.6  | 8.1  |     |
| 40.0                |                      | 9.7  | 9.4  | 8.7  | 8.5  | 8.1  |      | 9.3  | 8.9  | 8.4  | 8.0  | 7.5  |      |      | 8.8  | 8.3  | 7.9  | 7.4  | 6.9 |
| 42.0                |                      | 9.0  | 8.6  | 8.2  | 7.8  | 7.4  |      | 8.6  | 8.2  | 7.8  | 7.3  | 6.9  |      |      | 8.1  | 7.7  | 7.2  | 6.8  | 6.3 |
| 44.0                |                      |      | 8.0  | 7.6  | 7.2  | 6.7  |      |      | 7.6  | 7.1  | 6.7  | 6.3  |      |      | 7.5  | 7.1  | 6.6  | 6.2  | 5.7 |
| 46.0                |                      |      | 7.4  | 7.0  | 6.6  | 6.2  |      |      | 7.0  | 6.6  | 6.1  | 5.7  |      |      |      | 6.5  | 6.1  | 5.7  | 5.2 |
| 48.0                |                      |      |      | 6.5  | 6.1  | 5.7  |      |      | 6.4  | 6.1  | 5.6  | 5.2  |      |      |      | 6.0  | 5.6  | 5.2  | 4.7 |
| 50.0                |                      |      |      | 6.0  | 5.6  | 5.2  |      |      |      | 5.6  | 5.2  | 4.8  |      |      |      | 5.5  | 5.2  | 4.7  | 4.3 |
| 52.0                |                      |      |      | 5.5  | 5.1  | 4.7  |      |      |      | 5.1  | 4.8  | 4.3  |      |      |      |      | 4.7  | 4.3  | 3.9 |
| 54.0                |                      |      |      |      | 4.7  | 4.3  |      |      |      | 4.7  | 4.4  | 3.9  |      |      |      |      | 4.3  | 3.9  | 3.5 |
| 56.0                |                      |      |      |      | 4.3  | 3.9  |      |      |      |      | 4.0  | 3.6  |      |      |      |      | 4.0  | 3.6  | 3.2 |
| 58.0                |                      |      |      |      | 4.0  | 3.6  |      |      |      |      | 3.6  | 3.2  |      |      |      |      |      | 3.3  | 2.9 |
| 60.0                |                      |      |      |      |      | 3.3  |      |      |      |      | 3.3  | 2.9  |      |      |      |      |      | 2.9  | 2.5 |
| 62.0                |                      |      |      |      |      | 2.9  |      |      |      |      |      | 2.6  |      |      |      |      |      |      | 2.3 |
| 64.0                |                      |      |      |      |      | 2.6  |      |      |      |      |      | 2.3  |      |      |      |      |      |      | 2.0 |
| 66.0                |                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      | 1.7 |
| 68.0                |                      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
| Number of strands   | 4                    | 3    | 3    | 2    | 2    | 2    | 3    | 3    | 2    | 2    | 2    | 2    | 3    | 2    | 2    | 2    | 2    | 2    | 2   |

Tab.-Nr.: 5500R-75/2987/60.0/10.06 SHWS 75

# 5500G Load ratings



Main boom SHX 75°  
with luffing fly boom WS



| 75°<br>Outreach [m] | Main boom length [m] |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
|---------------------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                     | 24.3                 |           |           |           |           |           | 29.9      |           |           |           |           |           | 35.5      |           |           |           |           |           |
|                     | Fly boom length [m]  |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
|                     | 24.3                 | 29.9      | 35.5      | 41.1      | 46.7      | 52.3      | 24.3      | 29.9      | 35.5      | 41.1      | 46.7      | 52.3      | 24.3      | 29.9      | 35.5      | 41.1      | 46.7      | 52.3      |
| 18.0                | 39.3/19.5            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 20.0                | 38.2                 | 33.4/21.8 |           |           |           |           | 34.5/20.9 |           |           |           |           |           |           |           |           |           |           |           |
| 22.0                | 34.3                 | 33.2      |           |           |           |           | 32.7      | 29.7/23.3 |           |           |           |           | 30.5/22.4 |           |           |           |           |           |
| 24.0                | 30.7                 | 30.2      |           |           |           |           | 29.8      | 28.8      | 25.6/25.7 |           |           |           | 28.3      | 26.5/24.7 |           |           |           |           |
| 26.0                | 27.7                 | 27.2      | 26.7      | 25.3/26.6 |           |           | 27.0      | 26.4      | 25.3      |           |           |           | 26.0      | 25.1      | 22.9/27.1 |           |           |           |
| 28.0                | 24.2                 | 24.7      | 24.4      | 23.8      | 21.9/28.9 |           | 24.5      | 24.2      | 23.3      | 22.5      |           |           | 24.0      | 23.1      | 22.1      | 20.0/29.5 |           |           |
| 30.0                | 23.0                 | 22.6      | 22.2      | 22.0      | 21.1      | 18.7/31.3 | 22.4      | 22.1      | 21.5      | 20.8      | 19.8/30.4 |           | 21.9      | 21.4      | 20.4      | 19.6      |           |           |
| 32.0                | 21.1                 | 20.7      | 20.4      | 20.2      | 19.5      | 18.4      | 20.6      | 20.3      | 19.8      | 19.3      | 18.8      | 17.1/32.8 | 20.1      | 19.8      | 19.0      | 18.2      | 17.6/31.8 |           |
| 34.0                | 20.8/32.4            | 17.8      | 18.8      | 18.6      | 18.1      | 17.6      | 19.1/33.8 | 18.7      | 18.2      | 18.0      | 17.3      | 16.5      | 18.5      | 17.8      | 17.7      | 16.9      | 16.9      |           |
| 36.0                |                      | 17.7      | 17.4      | 17.2      | 16.7      | 16.4      |           | 17.3      | 16.9      | 16.6      | 16.2      | 15.4      | 17.6/35.3 | 16.9      | 16.4      | 15.8      | 16.2      | 15.3/34.2 |
| 38.0                |                      | 16.5/37.9 | 15.6      | 15.9      | 15.4      | 15.2      |           | 16.1      | 15.6      | 15.4      | 15.1      | 14.4      |           | 15.7      | 15.2      | 14.8      | 15.2      | 14.4      |
| 40.0                |                      |           | 13.8      | 14.8      | 14.3      | 14.1      |           | 15.3/39.3 | 14.5      | 14.3      | 14.0      | 13.5      |           | 14.6      | 13.8      | 13.8      | 14.2      | 13.4      |
| 42.0                |                      |           | 13.7      | 13.6      | 13.3      | 13.1      |           |           | 13.6      | 13.3      | 13.0      | 12.6      |           | 14.2/40.8 | 13.2      | 12.8      | 13.3      | 12.5      |
| 44.0                |                      |           | 13.4/43.3 | 11.5      | 12.4      | 12.2      |           |           | 12.7      | 12.5      | 12.2      | 11.7      |           |           | 12.3      | 11.5      | 12.5      | 11.7      |
| 46.0                |                      |           |           | 10.8      | 11.5      | 11.4      |           |           | 12.4/44.8 | 11.7      | 11.4      | 10.9      |           |           | 11.5      | 10.8      | 11.7      | 11.0      |
| 48.0                |                      |           |           | 10.7      | 10.0      | 10.6      |           |           |           | 10.9      | 10.6      | 10.2      |           |           | 11.4/46.2 | 10.5      | 10.9      | 10.3      |
| 50.0                |                      |           |           | 10.6/48.8 | 8.4       | 9.5       |           |           |           | 10.3      | 9.6       | 9.6       |           |           |           | 9.8       | 10.0      | 9.7       |
| 52.0                |                      |           |           |           | 8.3       | 8.3       |           |           |           | 10.2/50.3 | 9.0       | 9.0       |           |           |           | 17.1/32.8 | 8.4       | 9.1       |
| 54.0                |                      |           |           |           | 8.2       | 7.2       |           |           |           |           | 8.8       | 8.3       |           |           |           |           | 8.3       | 8.3       |
| 56.0                |                      |           |           |           | 8.1/54.3  | 6.3       |           |           |           |           | 8.3/55.7  | 7.0       |           |           |           |           | 8.2       | 7.2       |
| 58.0                |                      |           |           |           |           | 6.2       |           |           |           |           |           | 6.9       |           |           |           |           | 7.9       | 6.3       |
| 60.0                |                      |           |           |           |           | 6.1/59.8  |           |           |           |           |           | 6.8       |           |           |           |           | 7.6/57.2  | 6.2       |
| 62.0                |                      |           |           |           |           |           |           |           |           |           |           | 6.7/61.2  |           |           |           |           |           | 6.1       |
| 64.0                |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | 6.0       |
| 66.0                |                      |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           | 5.9/62.7  |
| Number of strands   | 5                    | 4         | 4         | 3         | 3         | 2         | 4         | 4         | 3         | 3         | 2         | 2         | 4         | 3         | 3         | 3         | 2         | 2         |

TAB. -Nr. 5500R-80/3020/75.0/02.18 SHXWS 75

# 5500G Load ratings



Main boom SHX 75°  
with luffing fly boom WS



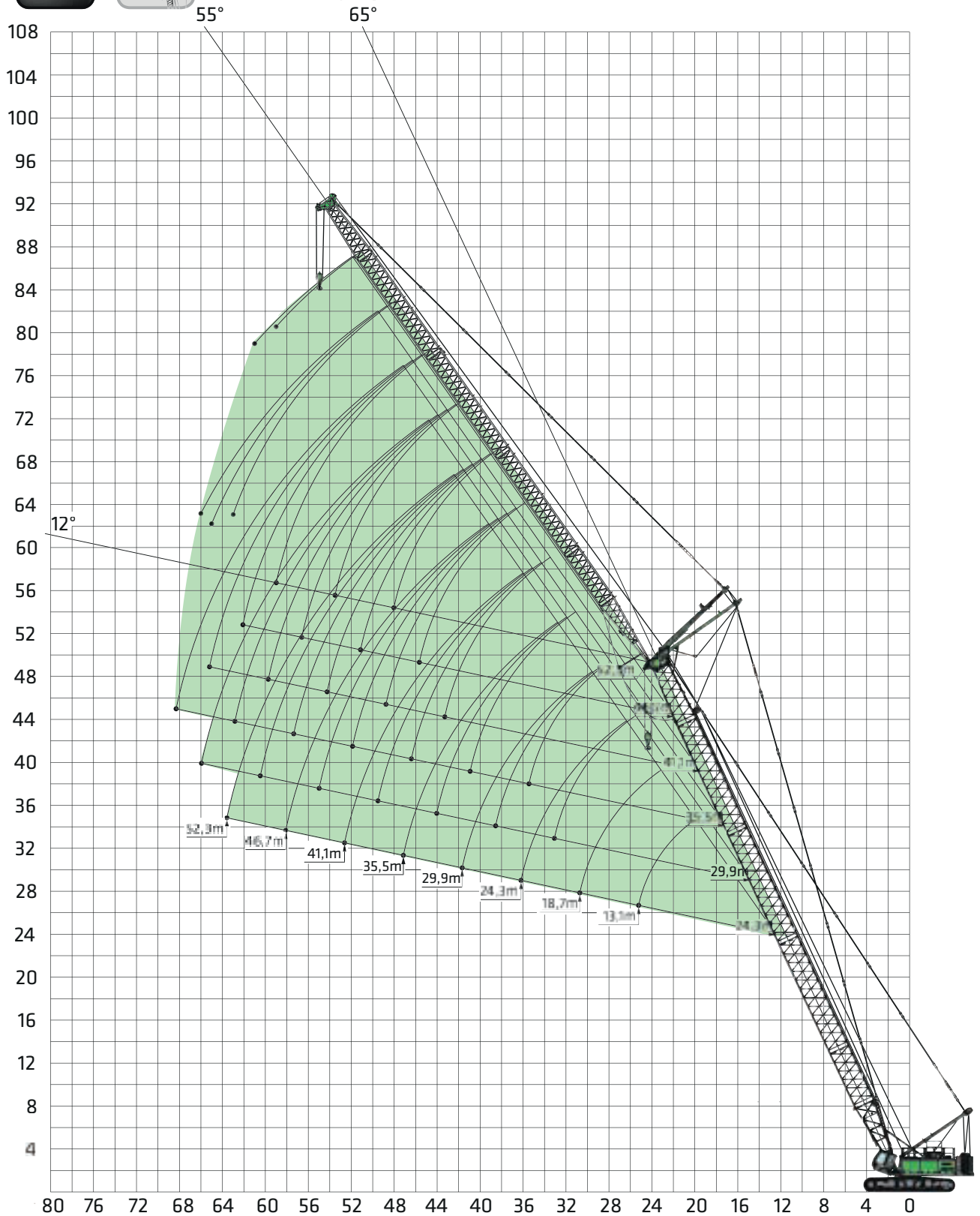
| 75°<br>Outreach [m] | Main boom length [m] |           |           |           |           |           |           |           |          |           |           |           |           |           |           |           |           |           |
|---------------------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                     | 41.1                 |           |           |           |           |           | 46.7      |           |          |           |           |           | 52.3      |           |           |           |           |           |
|                     | Fly boom length [m]  |           |           |           |           |           |           |           |          |           |           |           |           |           |           |           |           |           |
|                     | 24.3                 | 29.9      | 35.5      | 41.1      | 46.7      | 52.3      | 24.3      | 29.9      | 35.5     | 41.1      | 46.7      | 52.3      | 24.3      | 29.9      | 35.5      | 41.1      | 46.7      | 52.3      |
| 22.0                | 27.1/23.8            |           |           |           |           |           |           |           |          |           |           |           |           |           |           |           |           |           |
| 24.0                | 26.9                 |           |           |           |           |           | 24.2/25.0 |           |          |           |           |           |           |           |           |           |           |           |
| 26.0                | 24.7                 | 23.4/26.2 |           |           |           |           | 23.3      | 20.6/27.6 |          |           |           |           | 20.9/26.7 |           |           |           |           |           |
| 28.0                | 22.8                 | 21.7      | 20.2/28.6 |           |           |           | 21.4      | 19.9      |          |           |           |           | 19.9      | 18.1/29.1 |           |           |           |           |
| 30.0                | 21.1                 | 20.1      | 19.1      | 17.9/30.9 |           |           | 19.9      | 18.9      | 17.0     |           |           |           | 18.5      | 17.5      | 15.6/31.5 |           |           |           |
| 32.0                | 19.6                 | 18.7      | 17.8      | 17.4      | 15.3/33.3 |           | 18.5      | 17.5      | 16.6     | 15.0/32.4 |           |           | 17.2      | 16.2      | 15.0      | 13.8/33.8 |           |           |
| 34.0                | 18.1                 | 17.5      | 16.6      | 16.0      | 14.9      | 12.9/35.7 | 17.3      | 16.4      | 15.4     | 14.6      | 12.8/34.7 |           | 16.1      | 15.1      | 14.2      | 13.7      |           |           |
| 36.0                | 16.7                 | 16.3      | 15.5      | 15.0      | 14.1      | 12.5      | 16.2      | 15.3      | 14.4     | 13.9      | 12.4      | 11.8/37.1 | 15.0      | 14.1      | 13.3      | 12.8      | 11.8/36.2 |           |
| 38.0                | 16.2/36.7            | 15.1      | 14.5      | 14.0      | 13.2      | 12.3      | 15.0      | 14.4      | 13.5     | 13.0      | 12.2      | 11.4      | 14.1      | 13.3      | 12.4      | 11.9      | 11.1      | 10.1/38.6 |
| 40.0                |                      | 14.1      | 13.6      | 13.1      | 12.3      | 11.6      | 14.8/38.2 | 13.5      | 12.7     | 12.2      | 11.4      | 10.6      | 13.5/39.6 | 12.5      | 11.6      | 11.2      | 10.3      | 9.5       |
| 42.0                |                      | 13.1      | 12.7      | 12.4      | 11.5      | 10.8      |           | 12.6      | 11.9     | 11.5      | 10.6      | 9.9       |           | 11.8      | 10.9      | 10.5      | 9.7       | 8.9       |
| 44.0                |                      | 13.0/42.2 | 11.8      | 11.5      | 10.8      | 10.1      |           | 11.9/43.7 | 11.2     | 10.8      | 10.0      | 9.3       |           | 11.1      | 10.3      | 9.8       | 9.0       | 8.3       |
| 46.0                |                      |           | 11.1      | 10.8      | 10.2      | 9.5       |           |           | 10.6     | 10.2      | 9.4       | 8.7       |           | 10.8/45.1 | 9.7       | 9.3       | 8.5       | 7.8       |
| 48.0                |                      |           | 10.5/47.7 | 10.2      | 9.6       | 8.9       |           |           | 9.9      | 9.6       | 8.8       | 8.1       |           |           | 9.1       | 8.7       | 7.9       | 7.3       |
| 50.0                |                      |           |           | 9.5       | 8.4       | 8.4       |           |           | 9.5/49.1 | 9.1       | 8.3       | 7.6       |           |           | 8.7       | 8.2       | 7.5       | 6.8       |
| 52.0                |                      |           |           | 9.0       | 8.3       | 7.9       |           |           |          | 8.5       | 7.8       | 7.2       |           |           | 8.6/50.6  | 7.8       | 7.0       | 6.4       |
| 54.0                |                      |           |           | 8.6/53.2  | 8.0       | 7.2       |           |           |          | 8.0       | 7.4       | 6.7       |           |           |           | 7.4       | 6.6       | 5.9       |
| 56.0                |                      |           |           |           | 7.5       | 6.3       |           |           |          | 7.8/54.6  | 7.0       | 6.3       |           |           |           | 7.0       | 6.2       | 5.5       |
| 58.0                |                      |           |           |           | 7.0       | 6.2       |           |           |          |           | 6.6       | 6.0       |           |           |           | 6.9/56.1  | 5.9       | 5.1       |
| 60.0                |                      |           |           |           | 6.9/58.6  | 6.1       |           |           |          |           | 6.2       | 5.6       |           |           |           |           | 5.6       | 4.8       |
| 62.0                |                      |           |           |           |           | 5.8       |           |           |          |           | 6.1/60.1  | 5.3       |           |           |           |           | 5.3/61.5  | 4.5       |
| 64.0                |                      |           |           |           |           | 5.5       |           |           |          |           |           | 5.0       |           |           |           |           |           | 4.3       |
| 66.0                |                      |           |           |           |           | 5.4/64.1  |           |           |          |           |           | 4.8/65.6  |           |           |           |           |           | 4.1       |
| 68.0                |                      |           |           |           |           |           |           |           |          |           |           |           |           |           |           |           |           | 4.0/67.0  |
| Number of strands   | 3                    | 3         | 3         | 2         | 2         | 2         | 3         | 3         | 2        | 2         | 2         | 2         | 3         | 2         | 2         | 2         | 2         | 2         |

TAB. -Nr. 5500R-80/3020/75.0/02.18 SHXWS 75

# 5500G Crane equipment



Main boom SH/SHX 65°  
with luffing fly boom WS



Boom assembly SH WS/ SHXWS see page 37.

Subject to change. See page 24 for notes on load lift charts.

# 5500G Load ratings



Main boom SH 65°  
with luffing fly boom WS



| 65°<br>Outreach [m] | Main boom length [m] |       |      |      |      |      |      |      |       |      |      |      |      |      |      |           |      |      |      |      |      |      |  |
|---------------------|----------------------|-------|------|------|------|------|------|------|-------|------|------|------|------|------|------|-----------|------|------|------|------|------|------|--|
|                     | 24.3                 |       |      |      |      |      |      | 29.9 |       |      |      |      |      |      | 35.5 |           |      |      |      |      |      |      |  |
|                     | Fly boom length [m]  |       |      |      |      |      |      |      |       |      |      |      |      |      |      |           |      |      |      |      |      |      |  |
|                     | 13.1*                | 18.7* | 24.3 | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 | 18.7* | 24.3 | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 | 18.7*     | 24.3 | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 |  |
| 20.0                | 27.4/20.6            |       |      |      |      |      |      |      |       |      |      |      |      |      |      |           |      |      |      |      |      |      |  |
| 22.0                | 25.2                 |       |      |      |      |      |      |      |       |      |      |      |      |      |      |           |      |      |      |      |      |      |  |
| 24.0                | 22.5                 | 22.2  |      |      |      |      |      |      |       |      |      |      |      |      |      |           |      |      |      |      |      |      |  |
| 26.0                | 20.7/25.4            | 20.0  |      |      |      |      |      |      |       |      |      |      |      |      |      |           |      |      |      |      |      |      |  |
| 28.0                |                      | 18.1  | 17.2 |      |      |      |      |      | 18.1  |      |      |      |      |      |      | 15.9/28.6 |      |      |      |      |      |      |  |
| 30.0                |                      | 16.5  | 15.7 |      |      |      |      |      | 16.5  |      |      |      |      |      |      | 14.8      |      |      |      |      |      |      |  |
| 32.0                |                      |       | 14.3 | 13.9 |      |      |      |      | 15.0  | 14.2 |      |      |      |      |      | 13.6      | 12.7 |      |      |      |      |      |  |
| 34.0                |                      |       | 13.1 | 12.8 | 12.3 |      |      |      | 13.7  | 13.0 | 12.5 |      |      |      |      | 12.5      | 11.7 |      |      |      |      |      |  |
| 36.0                |                      |       | 12.1 | 11.7 | 11.3 |      |      |      |       | 11.9 | 11.5 |      |      |      |      | 11.3/35.6 | 10.7 | 10.3 |      |      |      |      |  |
| 38.0                |                      |       |      | 10.8 | 10.4 | 10.0 |      |      |       | 11.0 | 10.6 | 10.1 |      |      |      |           | 9.9  | 9.4  |      |      |      |      |  |
| 40.0                |                      |       |      | 10.0 | 9.6  | 9.2  | 8.8  |      |       |      | 9.7  | 9.3  |      |      |      |           | 9.1  | 8.7  | 8.2  |      |      |      |  |
| 42.0                |                      |       |      |      | 8.9  | 8.5  | 8.1  |      |       |      | 9.0  | 8.6  | 8.2  |      |      |           |      | 8.0  | 7.6  | 7.1  |      |      |  |
| 44.0                |                      |       |      |      | 8.2  | 7.8  | 7.4  | 7.0  |       |      | 8.3  | 7.9  | 7.5  | 7.1  |      |           |      | 7.4  | 7.0  | 6.5  |      |      |  |
| 46.0                |                      |       |      |      | 7.6  | 7.2  | 6.8  | 6.4  |       |      |      | 7.3  | 6.9  | 6.5  |      |           |      | 6.8  | 6.5  | 6.0  | 5.5  |      |  |
| 48.0                |                      |       |      |      |      | 6.7  | 6.3  | 5.9  |       |      |      | 6.8  | 6.4  | 5.9  | 5.5  |           |      |      | 6.0  | 5.5  | 5.1  | 4.6  |  |
| 50.0                |                      |       |      |      |      | 6.2  | 5.8  | 5.4  |       |      |      | 6.3  | 5.9  | 5.5  | 5.0  |           |      |      | 5.5  | 5.1  | 4.6  | 4.2  |  |
| 52.0                |                      |       |      |      |      | 5.7  | 5.3  | 4.9  |       |      |      |      | 5.4  | 5.0  | 4.6  |           |      |      | 5.0  | 4.7  | 4.2  | 3.8  |  |
| 54.0                |                      |       |      |      |      |      | 4.9  | 4.5  |       |      |      |      | 5.0  | 4.6  | 4.2  |           |      |      |      | 4.3  | 3.9  | 3.4  |  |
| 56.0                |                      |       |      |      |      |      | 4.5  | 4.1  |       |      |      |      | 4.6  | 4.2  | 3.8  |           |      |      |      | 3.9  | 3.5  | 3.1  |  |
| 58.0                |                      |       |      |      |      |      | 4.1  | 3.8  |       |      |      |      |      | 3.9  | 3.4  |           |      |      |      |      | 3.2  | 2.8  |  |
| 60.0                |                      |       |      |      |      |      |      | 3.4  |       |      |      |      |      | 3.5  | 3.1  |           |      |      |      |      | 2.9  | 2.5  |  |
| 62.0                |                      |       |      |      |      |      |      | 3.1  |       |      |      |      |      |      | 2.8  |           |      |      |      |      | 2.6  | 2.2  |  |
| 64.0                |                      |       |      |      |      |      |      |      |       |      |      |      |      |      | 2.5  |           |      |      |      |      |      | 1.9  |  |
| 66.0                |                      |       |      |      |      |      |      |      |       |      |      |      |      |      | 2.2  |           |      |      |      |      |      | 1.7  |  |
| 68.0                |                      |       |      |      |      |      |      |      |       |      |      |      |      |      |      |           |      |      |      |      |      | 1.4  |  |
| Number of strands   | 6                    | 5     | 5    | 4    | 3    | 3    | 2    | 2    | 5     | 4    | 4    | 3    | 3    | 2    | 2    | 4         | 4    | 3    | 3    | 2    | 2    | 2    |  |

Tab.-Nr.: 5500R-75/2987/60.0/10.06 SHWS 65

# 5500G Load ratings



**Main boom SH 65°  
with luffing fly boom WS**



| 65°<br>Outreach [m]      | Main boom length [m] |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
|--------------------------|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|                          | 41.1                 |          |          |          |          |          | 46.7     |          |          |          |          |          | 52.3     |          |          |          |          |          |
|                          | Fly boom length [m]  |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
|                          | 24.3                 | 29.9     | 35.5     | 41.1     | 46.7     | 52.3     | 24.3     | 29.9     | 35.5     | 41.1     | 46.7     | 52.3     | 24.3     | 29.9     | 35.5     | 41.1     | 46.7     | 52.3     |
| 36.0                     | 9.9                  |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| 38.0                     | 9.1                  | 8.6      |          |          |          |          | 8.3      |          |          |          |          |          |          |          |          |          |          |          |
| 40.0                     | 8.4                  | 7.9      |          |          |          |          | 7.6      | 7.1      |          |          |          |          | 6.7      |          |          |          |          |          |
| 42.0                     | 7.7                  | 7.3      | 6.8      |          |          |          | 7.0      | 6.5      |          |          |          |          | 6.2      |          |          |          |          |          |
| 44.0                     |                      | 6.7      | 6.3      | 5.8      |          |          | 6.5      | 6.0      | 5.5      |          |          |          | 5.7      | 5.2      |          |          |          |          |
| 46.0                     |                      | 6.2      | 5.8      | 5.3      |          |          |          | 5.5      | 5.0      |          |          |          | 5.2      | 4.8      | 4.2      |          |          |          |
| 48.0                     |                      | 5.7      | 5.3      | 4.9      | 4.4      |          |          | 5.1      | 4.6      | 4.1      |          |          | 4.8      | 4.4      | 3.9      |          |          |          |
| 50.0                     |                      |          | 4.9      | 4.4      | 4.0      |          |          | 4.7      | 4.2      | 3.8      | 3.3      |          |          | 4.0      | 3.5      | 3.0      |          |          |
| 52.0                     |                      |          | 4.5      | 4.1      | 3.6      | 3.1      |          |          | 3.9      | 3.4      | 2.9      |          |          | 3.6      | 3.2      | 2.7      | 2.2      |          |
| 54.0                     |                      |          | 4.1      | 3.7      | 3.2      | 2.8      |          |          | 3.5      | 3.1      | 2.6      | 2.1      |          |          | 2.9      | 2.4      | 1.9      |          |
| 56.0                     |                      |          |          | 3.4      | 2.9      | 2.5      |          |          | 3.2      | 2.8      | 2.3      | 1.8      |          |          | 2.7      | 2.2      | 1.7      | 1.2      |
| 58.0                     |                      |          |          | 3.0      | 2.6      | 2.2      |          |          |          | 2.5      | 2.0      | 1.5      |          |          | 2.4      | 2.0      | 1.5      |          |
| 60.0                     |                      |          |          |          | 2.3      | 1.9      |          |          |          | 2.2      | 1.8      | 1.3      |          |          | 2.2      | 1.7      | 1.2      |          |
| 62.0                     |                      |          |          |          | 2.1      | 1.6      |          |          |          | 1.9      | 1.5      |          |          |          |          | 1.5      |          |          |
| 64.0                     |                      |          |          |          | 1.8      | 1.4      |          |          |          |          | 1.3      |          |          |          |          | 1.3      |          |          |
| 66.0                     |                      |          |          |          |          | 1.2      |          |          |          |          |          |          |          |          |          |          |          |          |
| 68.0                     |                      |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |
| <b>Number of strands</b> | <b>4</b>             | <b>3</b> | <b>3</b> | <b>2</b> | <b>2</b> | <b>2</b> | <b>3</b> | <b>3</b> | <b>2</b> | <b>2</b> | <b>2</b> | <b>2</b> | <b>3</b> | <b>2</b> | <b>2</b> | <b>2</b> | <b>2</b> | <b>2</b> |

Tab.-Nr.: 5500R-75/2987/60.0/10.06 SHWS 65

# 5500G Load ratings



Main boom SHX 65°  
with luffing fly boom WS



| 65°<br>Outreach [m] | Main boom length [m] |           |           |           |           |           |           |           |           |           |           |          |           |           |           |           |          |          |
|---------------------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|----------|----------|
|                     | 24.3                 |           |           |           |           |           | 29.9      |           |           |           |           |          | 35.5      |           |           |           |          |          |
|                     | Fly boom length [m]  |           |           |           |           |           |           |           |           |           |           |          |           |           |           |           |          |          |
|                     | 24.3                 | 29.9      | 35.5      | 41.1      | 46.7      | 52.3      | 24.3      | 29.9      | 35.5      | 41.1      | 46.7      | 52.3     | 24.3      | 29.9      | 35.5      | 41.1      | 46.7     | 52.3     |
| 26.0                | 24.7/27.1            |           |           |           |           |           |           |           |           |           |           |          |           |           |           |           |          |          |
| 28.0                | 23.7                 |           |           |           |           |           | 21.1/29.4 |           |           |           |           |          |           |           |           |           |          |          |
| 30.0                | 21.6                 | 20.8/30.3 |           |           |           |           | 20.6      |           |           |           |           |          |           |           |           |           |          |          |
| 32.0                | 19.9                 | 19.8      | 17.8/33.5 |           |           |           | 18.9      | 18.0/32.6 |           |           |           |          | 18.1/31.8 |           |           |           |          |          |
| 34.0                | 18.3                 | 17.8      | 17.4      |           |           |           | 17.4      | 17.0      | 15.3/35.8 |           |           |          | 17.9      |           |           |           |          |          |
| 36.0                | 17.0                 | 16.5      | 16.1      | 15.4/36.7 |           |           | 16.1      | 15.8      | 14.9      |           |           |          | 16.6      | 15.5/35.0 |           |           |          |          |
| 38.0                | 16.7/36.4            | 15.3      | 14.9      | 14.7      | 13.1/39.9 |           | 15.0      | 14.6      | 14.1      | 13.2/39.1 |           |          | 15.3      | 15.3      |           |           |          |          |
| 40.0                |                      | 14.3      | 13.8      | 13.6      | 12.7      |           | 14.6/38.7 | 13.6      | 13.1      | 12.8      |           |          | 14.2      | 13.9      | 13.2/38.2 |           |          |          |
| 42.0                |                      | 13.4/41.8 | 13.0      | 12.7      | 12.2      | 11.4/43.1 |           | 12.7      | 12.2      | 11.9      | 11.4/42.3 |          | 13.2      | 12.9      | 12.9      | 11.3/41.4 |          |          |
| 44.0                |                      |           | 12.1      | 11.5      | 11.3      | 10.9      |           | 11.9      | 11.4      | 11.1      | 11.0      | 9.7/45.5 | 12.7/41.1 | 12.0      | 11.5      | 11.0      |          |          |
| 46.0                |                      |           | 11.3      | 10.8      | 10.6      | 10.3      |           | 11.8/44.2 | 10.6      | 10.4      | 10.0      | 9.5      |           | 11.2      | 10.7      | 10.3      | 9.7/44.6 |          |
| 48.0                |                      |           | 10.9/47.3 | 10.4      | 9.9       | 9.6       |           |           | 10.0      | 9.7       | 9.3       | 8.9      |           | 10.5      | 10.0      | 9.6       | 9.2      | 8.1/47.8 |
| 50.0                |                      |           |           | 9.7       | 8.4       | 9.0       |           |           | 9.5/49.7  | 9.1       | 8.7       | 8.3      |           | 10.3/46.6 | 9.4       | 8.9       | 8.6      | 7.9      |
| 5.0                 |                      |           |           | 9.2       | 8.3       | 8.3       |           |           |           | 8.5       | 8.2       | 7.7      |           |           | 8.8       | 8.4       | 8.0      | 7.5      |
| 54.0                |                      |           |           | 8.9/52.8  | 8.1       | 7.2       |           |           |           | 8.0       | 7.7       | 7.2      |           |           | 8.2       | 7.8       | 7.5      | 7.0      |
| 56.0                |                      |           |           |           | 7.7       | 6.3       |           |           |           | 7.7/55.2  | 7.2       | 6.8      |           |           | 8.1/52.1  | 7.3       | 7.0      | 6.5      |
| 58.0                |                      |           |           |           | 7.2       | 6.2       |           |           |           |           | 6.7       | 6.3      |           |           |           | 6.9       | 6.5      | 6.1      |
| 60.0                |                      |           |           |           | 7.1/58.3  | 6.1       |           |           |           |           | 6.3       | 5.9      |           |           |           | 6.6/57.5  | 6.1      | 5.7      |
| 62.0                |                      |           |           |           |           | 6.0       |           |           |           |           | 6.2/60.6  | 5.5      |           |           |           |           | 5.7      | 5.3      |
| 64.0                |                      |           |           |           |           | 5.8/63.8  |           |           |           |           |           | 5.2      |           |           |           |           | 5.4      | 4.9      |
| 66.0                |                      |           |           |           |           |           |           |           |           |           |           | 4.9      |           |           |           |           | 5.2/63.0 | 4.6      |
| 68.0                |                      |           |           |           |           |           |           |           |           |           |           | 4.8/66.1 |           |           |           |           |          | 4.3      |
| 70.0                |                      |           |           |           |           |           |           |           |           |           |           |          |           |           |           |           |          | 4.0      |
| 72.0                |                      |           |           |           |           |           |           |           |           |           |           |          |           |           |           |           |          | 3.9/68.5 |
| Number of strands   | 5                    | 4         | 4         | 3         | 3         | 2         | 4         | 4         | 3         | 3         | 2         | 2        | 4         | 3         | 3         | 3         | 2        | 2        |

TAB.-Nr. 5500R-80/3020/75.0/02.18 SHXWS 65





# 5500G Load ratings



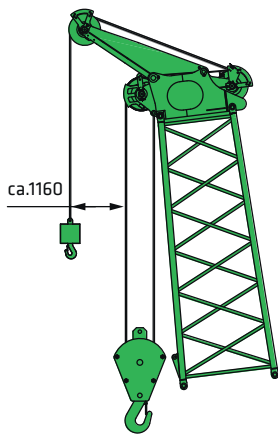
Main boom SHX 65°  
with luffing fly boom WS



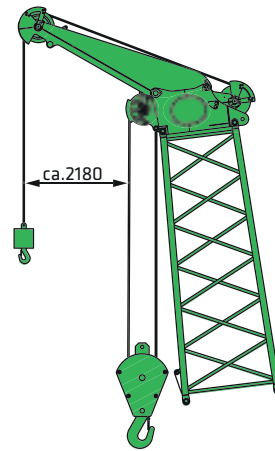
| 65°<br>Outreach [m] | Main boom length [m] |           |           |          |          |          |           |           |          |          |          |          |      |           |          |          |          |          |
|---------------------|----------------------|-----------|-----------|----------|----------|----------|-----------|-----------|----------|----------|----------|----------|------|-----------|----------|----------|----------|----------|
|                     | 41.1                 |           |           |          |          |          | 46.7      |           |          |          |          |          | 52.3 |           |          |          |          |          |
|                     | Fly boom length [m]  |           |           |          |          |          |           |           |          |          |          |          |      |           |          |          |          |          |
|                     | 24.3                 | 29.9      | 35.5      | 41.1     | 46.7     | 52.3     | 24.3      | 29.9      | 35.5     | 41.1     | 46.7     | 52.3     | 24.3 | 29.9      | 35.5     | 41.1     | 46.7     | 52.3     |
| 34.0                | 15.6/34.2            |           |           |          |          |          |           |           |          |          |          |          |      |           |          |          |          |          |
| 36.0                | 14.5                 | 13.2/37.4 |           |          |          |          | 13.3/36.2 |           |          |          |          |          |      |           |          |          |          |          |
| 38.0                | 13.5                 | 12.9      |           |          |          |          | 12.5      | 11.0/39.7 |          |          |          |          |      | 10.8/38.9 |          |          |          |          |
| 40.0                | 12.5                 | 12.0      | 11.1/40.6 |          |          |          | 11.6      | 10.6      |          |          |          |          |      | 10.3      |          |          |          |          |
| 42.0                | 11.7                 | 11.2      | 10.6      | 9.6/43.8 |          |          | 10.8      | 10.3      | 9.1/42.9 |          |          |          |      | 9.7       | 8.8/42.1 |          |          |          |
| 44.0                | 11.0/43.5            | 10.4      | 9.8       | 9.2      |          |          | 10.1      | 9.6       | 8.6      |          |          |          |      | 9.2       | 8.4      | 7.1/45.3 |          |          |
| 46.0                |                      | 9.7       | 9.2       | 8.9      | 7.8/47.0 |          | 9.5/45.8  | 8.9       | 8.2      | 7.8/46.2 |          |          |      | 8.5       | 7.8      | 7.0      |          |          |
| 48.0                |                      | 9.1       | 8.6       | 8.3      | 7.4      |          |           | 8.3       | 7.7      | 7.2      | 6.2/49.4 |          |      | 8.0       | 7.3      | 6.5      | 6.0/48.5 |          |
| 50.0                |                      | 8.8/48.9  | 8.0       | 7.8      | 7.1      | 6.4/50.2 |           | 7.8       | 7.2      | 6.8      | 6.1      |          |      | 7.9/48.2  | 6.9      | 6.1      | 5.7      | 4.5/51.7 |
| 52.0                |                      |           | 7.5       | 7.3      | 6.7      | 5.9      |           | 7.4/51.3  | 6.8      | 6.4      | 5.6      | 4.9/52.6 |      | 6.5       | 5.7      | 5.3      | 4.3      |          |
| 54.0                |                      |           | 7.0       | 6.8      | 6.2      | 5.6      |           |           | 6.3      | 6.0      | 5.3      | 4.6      |      | 6.1/53.7  | 5.3      | 4.9      | 4.2      | 3.3/54.9 |
| 56.0                |                      |           | 6.9/54.4  | 6.4      | 5.8      | 5.2      |           |           | 5.9      | 5.7      | 4.9      | 4.3      |      |           | 5.0      | 4.6      | 3.8      | 3.1      |
| 58.0                |                      |           |           | 5.9      | 5.4      | 4.9      |           |           | 5.7/56.8 | 5.3      | 4.6      | 3.9      |      |           | 4.7      | 4.3      | 3.6      | 2.9      |
| 60.0                |                      |           |           | 5.6/59.9 | 5.1      | 4.6      |           |           |          | 4.9      | 4.3      | 3.6      |      |           | 4.6/59.2 | 4.0      | 3.6      | 2.6      |
| 62.0                |                      |           |           |          | 4.7      | 4.3      |           |           |          | 4.6      | 4.0      | 3.4      |      |           |          | 3.8      | 3.3      | 2.4      |
| 64.0                |                      |           |           |          | 4.4      | 4.0      |           |           |          | 4.5/62.3 | 3.7      | 3.1      |      |           |          | 3.5      | 3.0      | 2.1      |
| 66.0                |                      |           |           |          | 4.2/65.4 | 3.7      |           |           |          |          | 3.5      | 2.9      |      |           |          | 3.4/64.6 | 2.8      | 1.9      |
| 68.0                |                      |           |           |          |          | 3.4      |           |           |          |          | 3.3/67.7 | 2.6      |      |           |          |          | 2.6      | 1.7      |
| 70.0                |                      |           |           |          |          | 3.1      |           |           |          |          |          | 2.4      |      |           |          |          | 2.4      | 1.5      |
| 72.0                |                      |           |           |          |          | 3.0/70.9 |           |           |          |          |          | 2.3      |      |           |          |          | 2.2      | 1.4      |
| 74.0                |                      |           |           |          |          |          |           |           |          |          |          | 2.2/73.2 |      |           |          |          | 2.1/70.1 |          |
| Number of strands   | 3                    | 3         | 3         | 2        | 2        | 2        | 3         | 3         | 2        | 2        | 2        | 2        | 3    | 2         | 2        | 2        | 2        | 2        |

TAB. -Nr. 5500R-80/3020/75.0/02.18 SHXWS 65

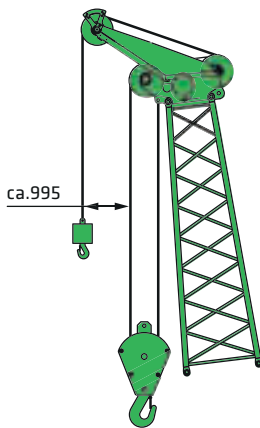
# 5500G Additional equipment



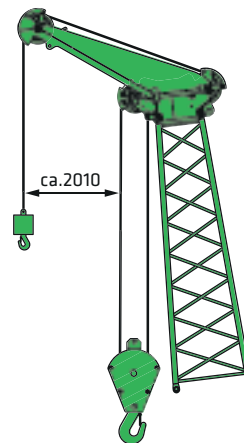
Main boom SH/SHX with auxiliary jib  
S12.1 (12 t)



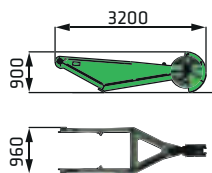
Main boom SH/SHX with auxiliary jib  
S24.1 (24 t)



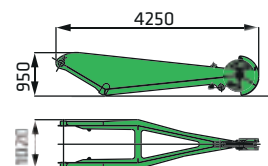
Main boom SHLH with auxiliary jib  
S12.1 (12 t)



Main boom SHLH with auxiliary jib  
S24.1 (24 t)



Auxiliary jib S12.1 (370 kg)  
Load rating 12.0 t



Auxiliary jib S24.1 (510 kg)  
Load rating 24.0 t

# 5500G Boom configuration

## Main boom SH

| Boom length [m]                   |        | 18.7 | 24.3 | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 | 57.9 | 63.5 | 69.1 | 74.7 |
|-----------------------------------|--------|------|------|------|------|------|------|------|------|------|------|------|
| Lower boom section SH type 2027   | 7.0 m  | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |
| Boom section SH type 2027         | 5.6 m  | 1    | 2    | 1    | 2    | 1    | 2    | 1    | 2    | 1    | 2    | 1    |
| Boom section SH type 2027         | 11.2 m |      |      | 1    | 1    | 2    | 2    | 3    | 3    | 4    | 4    | 5    |
| Boom section conical SH type 2027 | 5.6 m  | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |
| Pulley head T150                  | 0.5 m  | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |
| Auxiliary jib S12.1               | 12.0 t | x    | x    | x    | x    | x    | x    | x    | x    | x    | x    | x    |
| Auxiliary jib S24.1               | 24.0 t | x    | x    | x    | x    | x    | x    | x    | x    | x    | x    | x    |

## Main boom SHX

| Boom length [m]                                |        | 18.7 | 24.3 | 29.9 | 35.5 | 41.1 | 46.7  | 52.3 | 57.9  | 63.5 | 69.1  | 74.7 |
|--|--------|------|------|------|------|------|-------|------|-------|------|-------|------|
| Lower boom section SH type 2027                | 7.0 m  | 1    | 1    | 1    | 1    | 1    | 1     | 1    | 1     | 1    | 1     | 1    |
| Lower boom section SH type 2027-V (reinforced) | 11.2 m | 0    | 1    | 1    | 2    | 2    | 2     | 2    | 2     | 2    | 2     | 2    |
| Boom section SH type 2027                      | 5.6 m  | 1    | 0    | 1    | 0    | 1    | 0 (2) | 1    | 0 (2) | 1    | 0 (2) | 1    |
| Boom section SH type 2027                      | 11.2 m | 0    | 0    | 0    | 0    | 0    | 1 (0) | 1    | 2 (1) | 2    | 3 (2) | 3    |
| Boom section conical SH type 2027              | 5.6 m  | 1    | 1    | 1    | 1    | 1    | 1     | 1    | 1     | 1    | 1     | 1    |
| Pulley head T150                               | 0.5 m  | 1    | 1    | 1    | 1    | 1    | 1     | 1    | 1     | 1    | 1     | 1    |
| Auxiliary jib S12.1                            | 12.0 t | x    | x    | x    | x    | x    | x     | x    | x     | x    | x     | x    |
| Auxiliary jib S24.1 (optional)                 | 24.0 t | x    | x    | x    | x    | x    | x     | x    | x     | x    | x     | x    |

## Main boom SHFS (Main boom SH with fly jib FS)

| Boom length [m]                   |        | Main boom SH |      |      |      |      |      |      | Fixed fly |      |      |      |
|-----------------------------------|--------|--------------|------|------|------|------|------|------|-----------|------|------|------|
|                                   |        | 29.9         | 35.5 | 41.1 | 46.7 | 52.3 | 57.9 | 63.5 | 13.1      | 18.7 | 24.3 | 29.9 |
| Lower boom section SH type 2027   | 7.0 m  | 1            | 1    | 1    | 1    | 1    | 1    | 1    |           |      |      |      |
| Boom section SH type 2027         | 5.6 m  | 1            | 2    | 1    | 2    | 1    | 2    | 1    |           |      |      |      |
| Boom section SH type 2027         | 11.2 m | 1            | 1    | 2    | 2    | 3    | 3    | 4    |           |      |      |      |
| Boom section conical SH type 2027 | 5.6 m  | 1            | 1    | 1    | 1    | 1    | 1    | 1    |           |      |      |      |
| Pulley head T150                  | 0.5 m  | 1            | 1    | 1    | 1    | 1    | 1    | 1    |           |      |      |      |
| Fly boom lower section type 870   | 7.5 m  |              |      |      |      |      |      |      | 1         | 1    | 1    | 1    |
| Boom section type 870             | 5.6 m  |              |      |      |      |      |      |      |           | 1    | 2    | 3    |
| Head piece type 870               | 5.6 m  |              |      |      |      |      |      |      | 1         | 1    | 1    | 1    |
| <b>Combination possibilities</b>  |        |              |      |      |      |      |      |      |           |      |      |      |
| Fly jib length                    | 13.1 m | x            | x    | x    | x    | x    | x    | x    |           |      |      |      |
|                                   | 18.7 m | x            | x    | x    | x    | x    | x    | x    |           |      |      |      |
|                                   | 24.3 m | x            | x    | x    | x    | x    | x    | x    |           |      |      |      |
|                                   | 29.9 m | x            | x    | x    | x    | x    | x    | x    |           |      |      |      |

# 5500G Boom configuration

## Main boom SHLH

| Boom length [m]                    |        | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 | 57.9 | 63.5 | 69.1 | 74.7 | 80.3 |
|------------------------------------|--------|------|------|------|------|------|------|------|------|------|------|
| Lower boom section SH type 2027    | 7.0 m  | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |
| Boom section SH type 2027          | 5.6 m  | 1    | 2    | 2    | 1    | 1    | 2    | 2    | 1    | 1    | 2    |
| Boom section SH type 2027          | 11.2 m |      |      |      | 1    | 1    | 1    | 1    | 2    | 2    | 2    |
| Boom section, conical SH type 2027 | 5.6 m  | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |
| Boom section LH type 1608          | 5.6 m  | 1    | 1    | 2    | 2    | 1    | 1    | 2    | 2    | 1    | 1    |
| Boom section LH type 1608          | 11.2 m |      |      |      |      | 1    | 1    | 1    | 1    | 2    | 2    |
| Boom section conical LH type 1608  | 5.6 m  | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |
| Pulley head T70                    | 0.5 m  | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |
| Auxiliary jib S12.1                | 12.0 t | x    | x    | x    | x    | x    | x    | x    | x    | x    | x    |
| Auxiliary jib S24.1                | 24.0 t | x    | x    | x    | x    | x    | x    | x    | x    | x    | x    |

## SHLHFS (Main boom SHLH with fly jib FS)

| Boom length [m]                    |        | Main boom |      |      |      |      |      |      |      |      | Fixed fly |      |      |      |  |
|------------------------------------|--------|-----------|------|------|------|------|------|------|------|------|-----------|------|------|------|--|
|                                    |        | 29.9      | 35.5 | 41.1 | 46.7 | 52.3 | 57.9 | 63.5 | 69.1 | 74.7 | 13.1      | 18.7 | 24.3 | 29.9 |  |
| Lower boom section SH type 2027    | 7.0 m  | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |           |      |      |      |  |
| Boom section SH type 2027          | 5.6 m  | 1         | 2    | 2    | 1    | 1    | 2    | 2    | 1    | 1    |           |      |      |      |  |
| Boom section SH type 2027-V        | 11.2 m |           |      |      | 1    | 1    | 1    | 1    | 2    | 2    |           |      |      |      |  |
| Boom section, conical SH type 2027 | 5.6 m  | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |           |      |      |      |  |
| Boom section LH type 1608          | 5.6 m  | 1         | 1    | 2    | 2    | 1    | 1    | 2    | 2    | 1    |           |      |      |      |  |
| Boom section LH type 1608          | 11.2 m |           |      |      |      | 1    | 1    | 1    | 1    | 2    |           |      |      |      |  |
| Boom section conical LH type 1608  | 5.6 m  | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |           |      |      |      |  |
| Pulley head T70                    | 0.5 m  | 1         | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |           |      |      |      |  |
| Fly boom lower section type 870    | 7.5 m  |           |      |      |      |      |      |      |      |      | 1         | 1    | 1    | 1    |  |
| Boom section type 870              | 5.6 m  |           |      |      |      |      |      |      |      |      |           | 1    | 2    | 3    |  |
| Head piece type 870                | 5.6 m  |           |      |      |      |      |      |      |      |      | 1         | 1    | 1    | 1    |  |
| <b>Combination possibilities</b>   |        |           |      |      |      |      |      |      |      |      |           |      |      |      |  |
| Fly jib length                     | 13.1 m | x         | x    | x    | x    | x    | x    | x    | x    | x    |           |      |      |      |  |
|                                    | 18.7 m | x         | x    | x    | x    | x    | x    | x    | x    | x    |           |      |      |      |  |
|                                    | 24.3 m | x         | x    | x    | x    | x    | x    | x    | x    |      |           |      |      |      |  |
|                                    | 29.9 m | x         | x    | x    | x    | x    | x    | x    | x    |      |           |      |      |      |  |

# 5500G Additional equipment

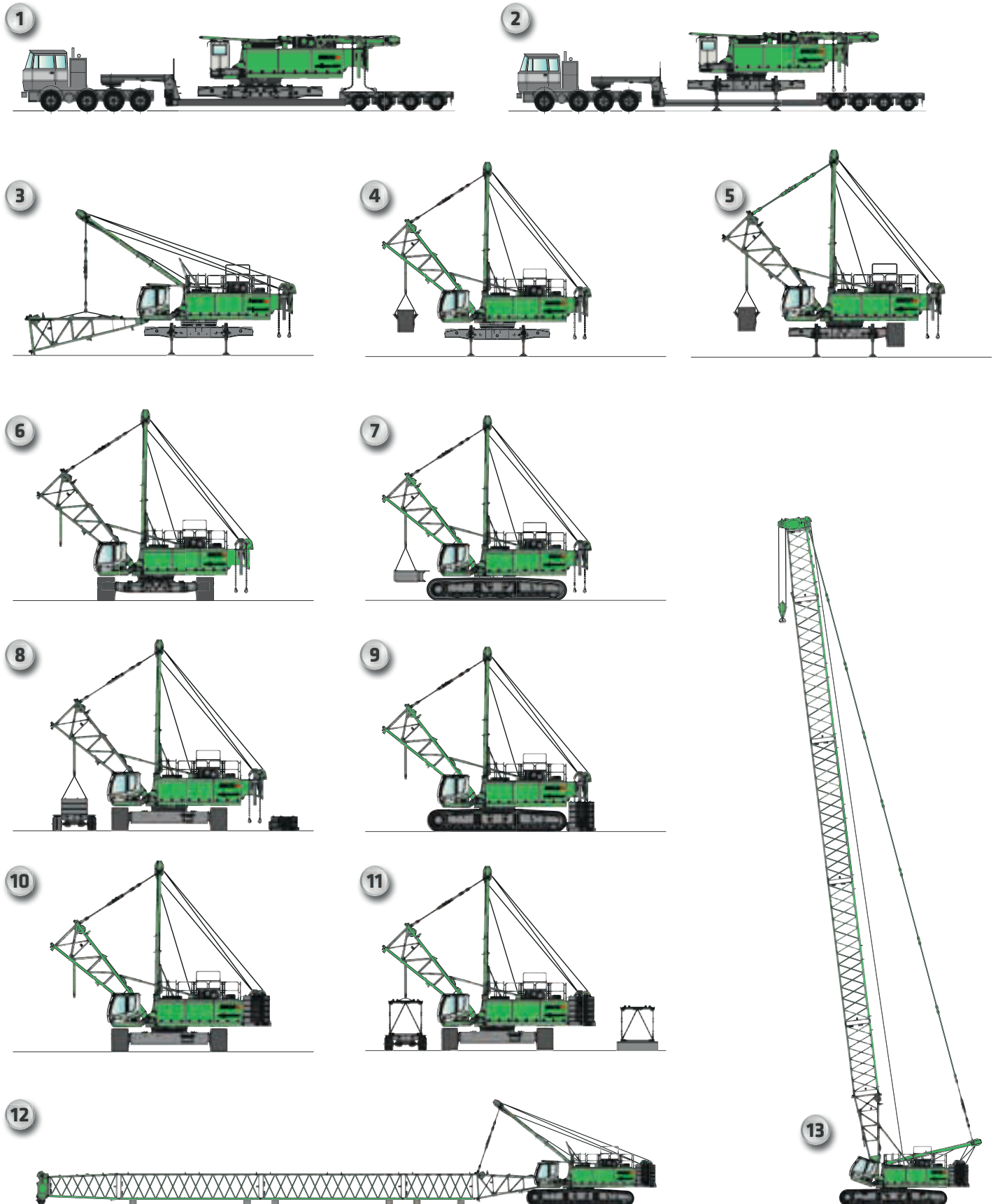
## Luffing jib SHWS (Main boom SH with luffing fly boom WS)

| Boom length [m]                     |        | Main boom SH |      |      |      |      |      | Fly boom WS |      |      |      |      |      |      |      |   |
|-------------------------------------|--------|--------------|------|------|------|------|------|-------------|------|------|------|------|------|------|------|---|
|                                     |        | 24.3         | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 | 13.1        | 18.7 | 24.3 | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 |   |
| Lower boom section SH type 2027     | 7.0 m  | 1            | 1    | 1    | 1    | 1    | 1    |             |      |      |      |      |      |      |      |   |
| Boom section SH type 2027           | 5.6 m  | 2            | 1    | 2    | 1    | 2    | 1    |             |      |      |      |      |      |      |      |   |
| Boom section SH type 2027           | 11.2 m |              | 1    | 1    | 2    | 2    | 3    |             |      |      |      |      |      |      |      |   |
| Boom section, conical SH type 2027  | 5.6 m  | 1            | 1    | 1    | 1    | 1    | 1    |             |      |      |      |      |      |      |      |   |
| Pulley head T150                    | 0.5 m  | 1            | 1    | 1    | 1    | 1    | 1    |             |      |      |      |      |      |      |      |   |
| Fly boom lower section LH type 1608 | 7.0 m  |              |      |      |      |      |      | 1           | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1 |
| Boom section LH type 1608           | 5.6 m  |              |      |      |      |      |      |             | 1    | 2    | 1    | 2    | 1    | 2    | 1    | 1 |
| Boom section LH type 1608           | 11.2 m |              |      |      |      |      |      |             |      |      | 1    | 1    | 2    | 2    | 3    |   |
| Boom section conical LH type 1608   | 5.6 m  |              |      |      |      |      |      | 1           | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1 |
| Pulley head T70                     | 0.5 m  |              |      |      |      |      |      | 1           | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1 |
| <b>Combination possibilities</b>    |        |              |      |      |      |      |      |             |      |      |      |      |      |      |      |   |
| Fly boom length                     | 13.1 m | x            |      |      |      |      |      |             |      |      |      |      |      |      |      |   |
|                                     | 18.7 m | x            | x    | x    |      |      |      |             |      |      |      |      |      |      |      |   |
|                                     | 24.3 m | x            | x    | x    | x    | x    | x    |             |      |      |      |      |      |      |      |   |
|                                     | 29.9 m | x            | x    | x    | x    | x    | x    |             |      |      |      |      |      |      |      |   |
|                                     | 35.5 m | x            | x    | x    | x    | x    | x    |             |      |      |      |      |      |      |      |   |
|                                     | 41.1 m | x            | x    | x    | x    | x    | x    |             |      |      |      |      |      |      |      |   |
|                                     | 46.7 m | x            | x    | x    | x    | x    | x    |             |      |      |      |      |      |      |      |   |
|                                     | 52.3 m | x            | x    | x    | x    | x    | x    |             |      |      |      |      |      |      |      |   |

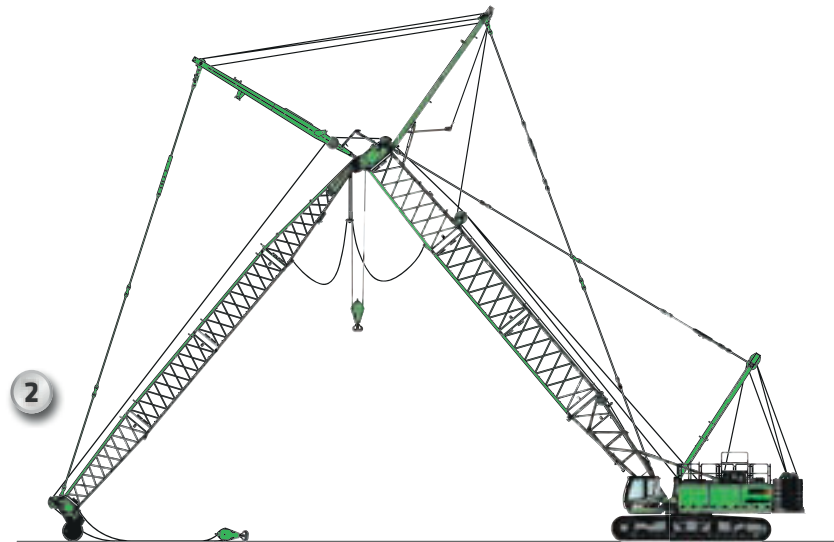
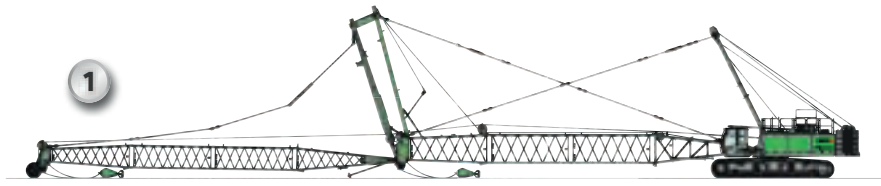
## Luffing jib SHXWS (Main boom SHX with luffing fly boom WS)

| Boom length [m]                                |        | Main boom SHX |      |      |      |       |      | Fly boom WS |      |      |      |      |      |      |      |   |
|--|--------|---------------|------|------|------|-------|------|-------------|------|------|------|------|------|------|------|---|
|  |        | 24.3          | 29.9 | 35.5 | 41.1 | 46.7  | 52.3 | 13.1        | 18.7 | 24.3 | 29.9 | 35.5 | 41.1 | 46.7 | 52.3 |   |
| Lower boom section SH type 2027                | 7.0 m  | 1             | 1    | 1    | 1    | 1     | 1    |             |      |      |      |      |      |      |      |   |
| Lower boom section SH type 2027-V (reinforced) | 11.2 m | 1             | 1    | 2    | 2    | 2     | 2    |             |      |      |      |      |      |      |      |   |
| Boom section SH type 2027                      | 5.6 m  | 0             | 1    | 0    | 1    | 0 (2) | 1    |             |      |      |      |      |      |      |      |   |
| Boom section SH type 2027                      | 11.2 m | 0             | 0    | 0    | 0    | 1 (0) | 1    |             |      |      |      |      |      |      |      |   |
| Boom section, conical SH type 2027             | 5.6 m  | 1             | 1    | 1    | 1    | 1     | 1    |             |      |      |      |      |      |      |      |   |
| Pulley head T150                               | 0.5 m  | 1             | 1    | 1    | 1    | 1     | 1    |             |      |      |      |      |      |      |      |   |
| Fly boom lower section LH type 1608            | 7.0 m  |               |      |      |      |       |      | 1           | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1 |
| Boom section LH type 1608                      | 5.6 m  |               |      |      |      |       |      |             | 1    | 2    | 1    | 2    | 1    | 2    | 1    | 1 |
| Boom section LH type 1608                      | 11.2 m |               |      |      |      |       |      |             |      |      | 1    | 1    | 2    | 2    | 3    |   |
| Boom section LH type 1608                      | 5.6 m  |               |      |      |      |       |      | 1           | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1 |
| Pulley head T70                                | 0.5 m  |               |      |      |      |       |      | 1           | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1 |
| <b>Combination possibilities</b>               |        |               |      |      |      |       |      |             |      |      |      |      |      |      |      |   |
| Fly boom length                                | 13.1 m |               |      |      |      |       |      |             |      |      |      |      |      |      |      |   |
|  | 18.7 m |               |      |      |      |       |      |             |      |      |      |      |      |      |      |   |
|  | 24.3 m | x             | x    | x    | x    | x     | x    |             |      |      |      |      |      |      |      |   |
|  | 29.9 m | x             | x    | x    | x    | x     | x    |             |      |      |      |      |      |      |      |   |
|  | 35.5 m | x             | x    | x    | x    | x     | x    |             |      |      |      |      |      |      |      |   |
|  | 41.1 m | x             | x    | x    | x    | x     | x    |             |      |      |      |      |      |      |      |   |
|  | 46.7 m | x             | x    | x    | x    | x     | x    |             |      |      |      |      |      |      |      |   |
|  | 52.3 m | x             | x    | x    | x    | x     | x    |             |      |      |      |      |      |      |      |   |

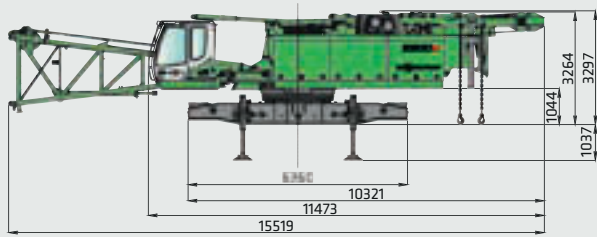
# 5500G Self-assembly system



# 5500G Hoisting the boom SHWS/SHXWS

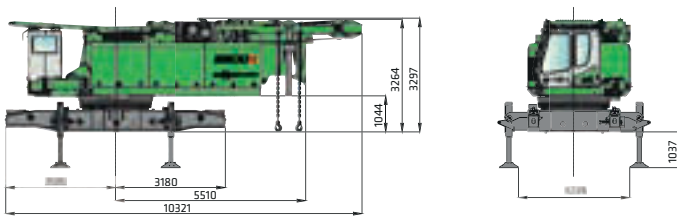


# 5500G Transport dimensions



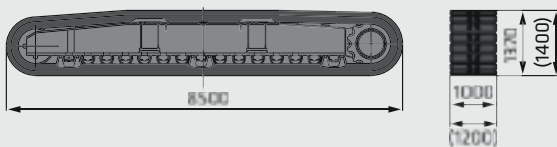
5500 G basic machine with lower boom section

Transport weight **40,000 kg**  
 Transport width **3,200 mm**



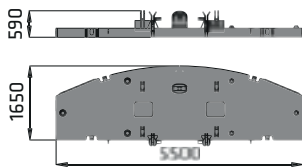
5500 G basic machine without lower boom section

Transport weight **36,100 kg**  
 Transport width **3,000 mm**



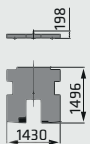
Crawler traveling gear, 2 pieces  
 1,000 mm (1,200 mm) flat base plates

Weight **2 x 17,400 kg (19,560 kg)**



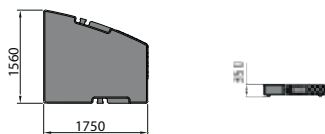
Ballastgrundplatte

Gewicht **1 x 12,000 kg**



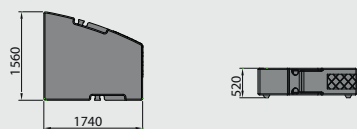
Ballast base plate

Weight **1 x 12,000 kg**



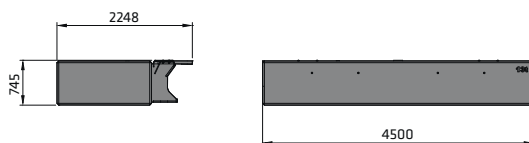
Counterweight 10 pieces

Weight **10 x 4,800 kg**



Counterweight 2 pieces (only for SHX boom version)

Weight **2 x 7,500 kg**

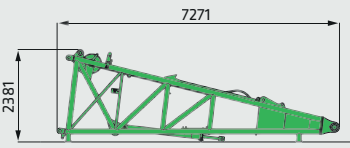
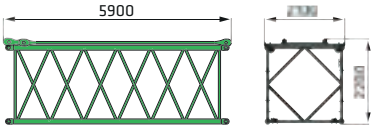
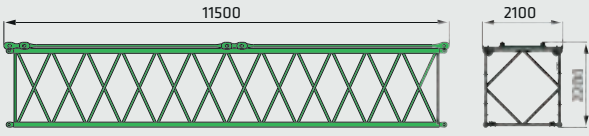

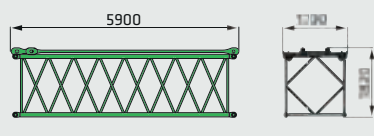
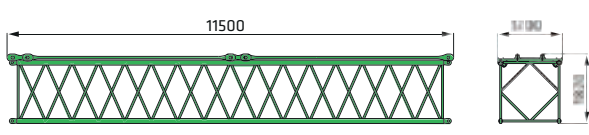
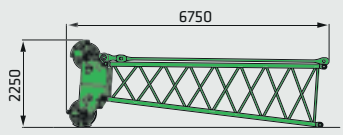
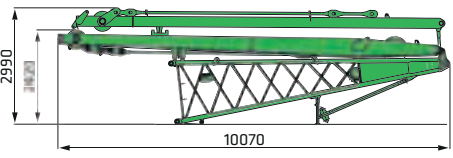
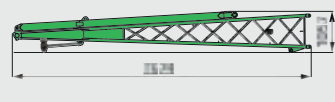
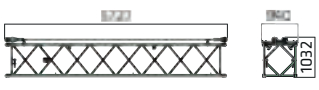



Undercarriage ballast 2 pieces

Weight **2 x 13,000 kg**



# 5500G Transport dimensions

|   |  |
|---|--|
|    | <p><b>Lower boom section 7 m type SH 2027</b><br/>(incl. adjustment winch WS and rope)</p> <p><b>Weight</b> 3,900 kg<br/><b>Width</b> 2,100 mm</p>   |
|    | <p><b>Intermediate boom section 5.6 m type SH 2027</b><br/>(with SH/SHWS guying)</p> <p><b>Weight</b> 1,200/1,400 kg</p>   |
|    | <p><b>Intermediate boom section 11.2 m type SH 2027/SH 2027-V</b><br/>(with SH/SHWS guying)</p> <p><b>Weight (SH 2027)</b> 2,200/2,600 kg<br/><b>Weight (SH 2027-V)</b> 2,550/2,950 kg</p> |
|    | <p><b>Boom head section 5.6 m type SH 2027</b><br/>(with SH/SHWS guying) with pulley head T150</p> <p><b>Weight</b> 1x 2,690 kg (2,940 kg)<br/><b>Width</b> 2,100 mm</p>                   |
|   | <p><b>Intermediate boom section 5.6 m type LH 1608</b><br/>(with guying)</p> <p><b>Weight</b> 930 kg</p>   |
|  | <p><b>Intermediate boom section 11.2 m type LH 1608</b><br/>(with guying)</p> <p><b>Weight</b> 1,730 kg</p>  |
|  | <p><b>Boom head section 5.6 m type LH 1608</b><br/>(with guying and pulley head T70)</p> <p><b>Weight</b> 1,500 kg<br/><b>Width</b> 1,700 mm</p>   |
|  | <p><b>Lower boom section 7 m type LH 1608</b><br/>(with two bracing trestles)</p> <p><b>Weight</b> 5,300 kg<br/><b>Width</b> 1x 1,950 mm</p>   |
|  | <p><b>Lower boom section 7.5 m type FS 870</b> (with guying)</p> <p><b>Weight</b> 1,100 kg<br/><b>Width</b> 1x 1,150 mm</p>  |
|  | <p><b>Intermediate boom section 5.6 m type FS 870</b> (with ropes)</p> <p><b>Gewicht</b> 410 kg</p>  |
|  | <p><b>Boom head section 5.6 m type FS 870</b> (with ropes)</p> <p><b>Weight</b> 620 kg<br/><b>Width</b> 880 mm</p>   |

# 5500G Transport dimensions

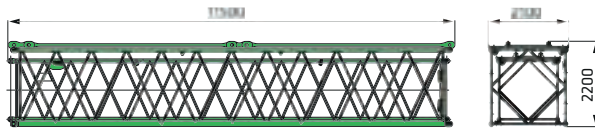
## 20 ft container 1CC



Intermediate boom section 5.6 m type SH 2027  
incl. 5.6 m type LH 1608  
with guying SH/SHWS

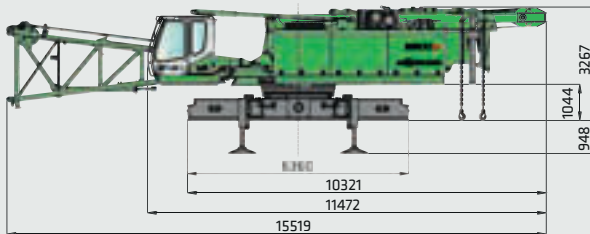
Weight 2,130 / 2,330 kg (2,540 / 2,740 kg)\*  
\*incl. 5.6 m boom section type 870

## 40 ft container 1AA



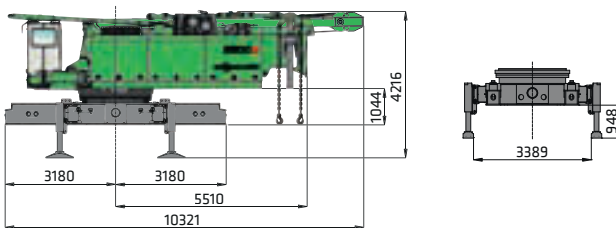
Intermediate boom section 11.2 m type SH 2027 / SH  
2027-V incl. 11.2 m type LH 1608 with guying SH / SHWS

Weight (SH 2027 + LH 1608) 3,930/4,330 kg  
Weight (SH 2027-V + LH 1608) 4,280/4,680 kg



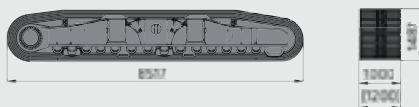
5500 G basic machine with star-lifter tele-under-  
carriage without lower boom

Transport weight 41,300 kg  
Transport width 3,200 mm



5500 G basic machine with star-lifter tele-under-  
carriage and with lower boom

Transport weight 37,400 kg  
Transport width 3,000 mm



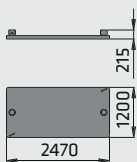
Crawler 2 pieces  
1,000 mm (1,200 mm) flat shoes

Weight 2 x 17,800 kg (20,050 kg)



Carbody counterweight 2 pieces

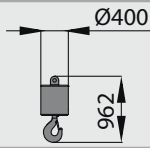
Weight 2 x 13,000 kg



Supporting pad for star-lifter tele-undercarriage

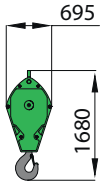
Weight 2 x 1,900 kg

# 5500G Transport dimensions



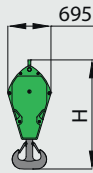
Load hook 15 t - without sheaves

Weight 450 kg



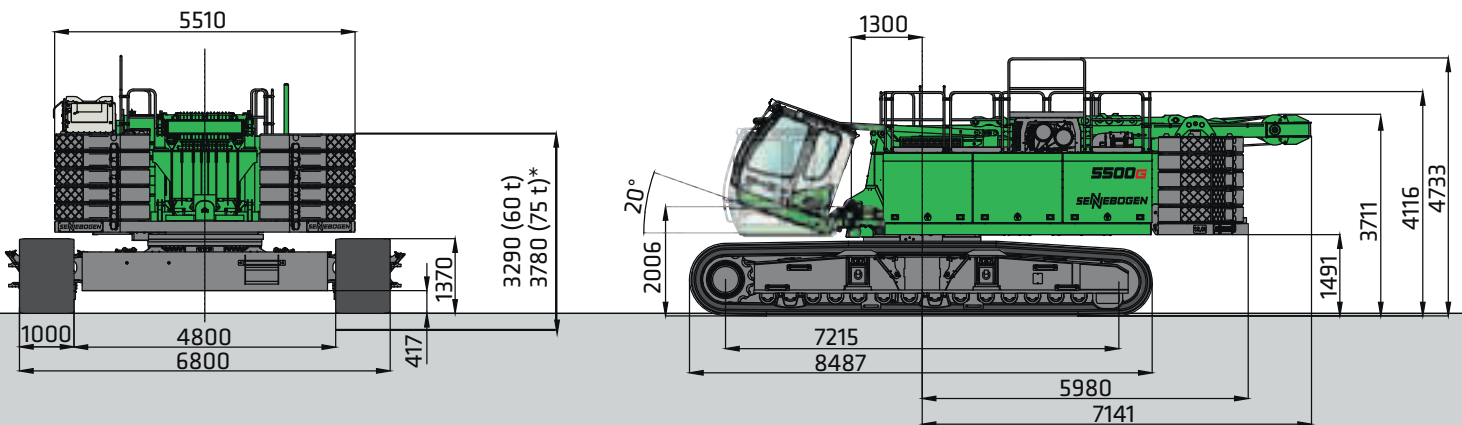
Hook block 40 t - 1 sheave

Weight 900 kg  
Width 322 mm



| Hook block         | 80 t         | 125 t   | 160 t   |
|--------------------|--------------|---------|---------|
| Number of sheaves: | 3            | 5       | 7       |
| Weight:            | 1350/2500 kg | 1500 kg | 1700 kg |
| Width:             | 322/803 mm   | 582 mm  | 682 mm  |
| Height H:          | 1795 mm      | 1775 mm | 1870 mm |

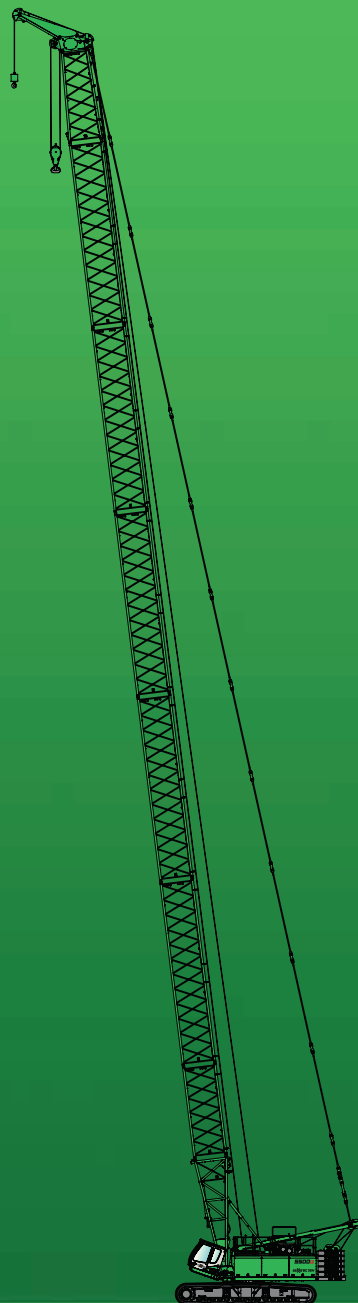
# 5500G Basic machine dimensions



5500 G basic machine without lower boom section and with circumferential railing\*\*

\* 200 t version \*\* optional

# 5500G



This catalog describes machine models, scopes of equipment of individual models, and configuration options (standard equipment and optional equipment) of the machines delivered by SENNEBOGEN Maschinenfabrik. Machine illustrations can contain optional equipment and supplemental equipment. Actual equipment may vary in a tolerance range depending on the country to which the machines are delivered, especially in regard to standard and optional equipment

All product designations used may be trademarks of SENNEBOGEN Maschinenfabrik GmbH or other supplying companies, and any use by third parties for their own purposes may violate the rights of the owners. Please contact your local SENNEBOGEN sales partner for information concerning the equipment variants offered. Requested performance characteristics are only binding if they are expressly stipulated upon conclusion of the contract. Delivery options and technical features are subject to change. Errors and omissions excepted. Equipment is subject to change, and rights of advancement are reserved. © SENNEBOGEN Maschinenfabrik GmbH, Straubing/Germany. Reproduction in whole or in part only with written consent of SENNEBOGEN Maschinenfabrik GmbH, Straubing, Germany.

**SENNEBOGEN**  
**Maschinenfabrik GmbH**  
Sennebogenstraße 10  
94315 Straubing, Germany

Tel. +49 9421 540-144/146  
marketing@sennebogen.de

Order no. / Item No. 299042  
5500-G-031910

GO FOR GREEN

[www.sennebogen.com](http://www.sennebogen.com)