### LIFTING CAPACITY

#### Note

1. Rated loads do not exceed 70% of the tipping loads. If the machine is unstable, the load must be reduced.
2. Rated loads shown in red indicate the load without counterweights.
3. Rated loads shown in green indicate the load with counterweights.
4. All rated loads are determined by the strength of the boom or other structural components.
5. The ratings of the auxiliary sheave are the same as the main boom ratings.
6. Ratings shown in yellow are based on the machine's structure strength, and therefore, have the responsibility to judge the existing conditions and handle loads accordingly.
7. Operating radius is the horizontal distance from the center of rotation to a vertical line through the center of gravity of the load. Operating radius given in the charts allow for loaded boom deflection and reduce lifted loads and operating speeds accordingly.
8. Both crawlers should be fully extended.
9. The diameter of the load is given in the charts.

#### Operating Radius

- **Working radius:** Distance from center of rotation to a vertical line through the center of gravity of the load. Operating radius given in the charts allow for loaded boom deflection and reduce lifted loads and operating speeds accordingly.
- **Rated single-line pull:** Rated single-line pull must not exceed 70% of the tipping loads.
- **Height above ground:** Height above ground is given in the charts.
- **Rated speed:** Rated speed is given in the charts.
- **Rated load:** Rated load is given in the charts.

#### Table of Lifting Capacity

| Boom Length (m) | 4.0 | 5.0 | 6.0 | 7.0 | 8.0 | 9.0 | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 |
|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Weight (t)      | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Hooks           | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |

### WORKING RANGES

#### Unit: m

- **Distance from center of rotation:** Distance from center of rotation to a vertical line through the center of gravity of the load. Operating radius given in the charts allow for loaded boom deflection and reduce lifted loads and operating speeds accordingly.
- **Height above ground:** Height above ground is given in the charts.
- **Rated load:** Rated load is given in the charts.
- **Rated speed:** Rated speed is given in the charts.
- **Rated single-line pull:** Rated single-line pull must not exceed 70% of the tipping loads.

#### Diagram of Lifting Capacity

- **Rated load:** Rated load is given in the charts.
- **Rated speed:** Rated speed is given in the charts.
- **Rated single-line pull:** Rated single-line pull must not exceed 70% of the tipping loads.
- **Height above ground:** Height above ground is given in the charts.
- **Distance from center of rotation:** Distance from center of rotation to a vertical line through the center of gravity of the load. Operating radius given in the charts allow for loaded boom deflection and reduce lifted loads and operating speeds accordingly.
With 12 t counterweight

<table>
<thead>
<tr>
<th>Boom length (m)</th>
<th>27.6</th>
<th>26.0</th>
<th>24.0</th>
<th>22.0</th>
<th>20.0</th>
<th>19.0</th>
<th>18.0</th>
<th>15.0</th>
<th>14.0</th>
<th>13.0</th>
<th>12.0</th>
<th>11.0</th>
<th>10.0</th>
<th>8.5</th>
<th>8.0</th>
<th>7.0</th>
<th>6.0</th>
<th>5.5</th>
<th>5.0</th>
<th>4.5</th>
<th>3.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (400kg)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height (m)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Min. boom angle</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Without counterweight

<table>
<thead>
<tr>
<th>Boom length (m)</th>
<th>27.6</th>
<th>26.0</th>
<th>24.0</th>
<th>22.0</th>
<th>20.0</th>
<th>19.0</th>
<th>18.0</th>
<th>15.0</th>
<th>14.0</th>
<th>13.0</th>
<th>12.0</th>
<th>11.0</th>
<th>10.0</th>
<th>8.5</th>
<th>8.0</th>
<th>7.0</th>
<th>6.0</th>
<th>5.5</th>
<th>5.0</th>
<th>4.5</th>
<th>3.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (400kg)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height (m)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Min. boom angle</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

With 8 t counterweight

<table>
<thead>
<tr>
<th>Boom length (m)</th>
<th>27.6</th>
<th>26.0</th>
<th>24.0</th>
<th>22.0</th>
<th>20.0</th>
<th>19.0</th>
<th>18.0</th>
<th>15.0</th>
<th>14.0</th>
<th>13.0</th>
<th>12.0</th>
<th>11.0</th>
<th>10.0</th>
<th>8.5</th>
<th>8.0</th>
<th>7.0</th>
<th>6.0</th>
<th>5.5</th>
<th>5.0</th>
<th>4.5</th>
<th>3.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (400kg)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height (m)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Min. boom angle</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Without counterweight

<table>
<thead>
<tr>
<th>Boom length (m)</th>
<th>27.6</th>
<th>26.0</th>
<th>24.0</th>
<th>22.0</th>
<th>20.0</th>
<th>19.0</th>
<th>18.0</th>
<th>15.0</th>
<th>14.0</th>
<th>13.0</th>
<th>12.0</th>
<th>11.0</th>
<th>10.0</th>
<th>8.5</th>
<th>8.0</th>
<th>7.0</th>
<th>6.0</th>
<th>5.5</th>
<th>5.0</th>
<th>4.5</th>
<th>3.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (400kg)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height (m)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Min. boom angle</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td>0°</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**LIFTING CAPACITY**

**Note**

- Rated loads do not exceed 90% of the tipping load with machine set on level ground.
- The machine is tested to ensure its stability over front and rear tires, and reduces the weight of all vehicles and other handling equipment.
- With 12 t counterweight (optional setting)
- Both crawlers should be fully extended.
- Rated loads shown are based on freely suspended loads and make no allowance for the boom or other structural components.

### With 12 t counterweight

<table>
<thead>
<tr>
<th>Boom length (m)</th>
<th>0.00</th>
<th>1.50</th>
<th>3.00</th>
<th>4.50</th>
<th>6.00</th>
<th>7.50</th>
<th>9.00</th>
<th>10.50</th>
<th>12.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (ton)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating load</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated load</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### With 8 t counterweight (optional setting)

<table>
<thead>
<tr>
<th>Boom length (m)</th>
<th>0.00</th>
<th>1.50</th>
<th>3.00</th>
<th>4.50</th>
<th>6.00</th>
<th>7.50</th>
<th>9.00</th>
<th>10.50</th>
<th>12.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (ton)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating load</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated load</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Without counterweight (optional setting)

<table>
<thead>
<tr>
<th>Boom length (m)</th>
<th>0.00</th>
<th>1.50</th>
<th>3.00</th>
<th>4.50</th>
<th>6.00</th>
<th>7.50</th>
<th>9.00</th>
<th>10.50</th>
<th>12.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight (ton)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating load</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rated load</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Working Ranges (Unit: m)**

- Ratings shown are based on the strength of the boom or other structural components.
- Minimum boom angle is a constant value throughout the range of the main boom.
- Operating radius given is the client’s value for loaded boom deflection and radius. Rated load is calculated for the next shorter boom length, whichever is smaller.
- Operating radius is the horizontal distance from the pivot point to a vertical line through the center of gravity of the load. Operating radius given is the client’s value for loaded boom deflection and radius. Rated load is calculated for the next shorter boom length, whichever is smaller.
- The working ranges shown are based on the strength of the boom or other structural components.

**LIFTING CAPACITY**

**Note**

- The ratings of the auxiliary hoists are the same as shown in the main boom ratings, but should be considered separately. Ratings of the auxiliary hoists are calculated by subtracting the main boom ratings from the auxiliary hoist rating.
- Rated loads shown in the charts include weight of hook block(s) and other handling equipment.
- Operating range is the vertical distance from the pivot point to the center of gravity of the load.
- Operating radius given is the client’s value for loaded boom deflection and radius.
- Rated load is calculated for the next shorter boom length, whichever is smaller.

**Rating**

- Rated load is determined by the strength of the boom or other structural components.
**GENERAL DIMENSIONS** (Unit : mm)

**STANDARD EQUIPMENT**

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boom length</td>
<td>36,000 mm</td>
</tr>
<tr>
<td>Thrust rollers</td>
<td>2 sets, 150 mm dia.</td>
</tr>
<tr>
<td>Axles</td>
<td>4 sets, 400 mm dia.</td>
</tr>
<tr>
<td>Cable</td>
<td>Steel wire rope, 25.4 mm dia.</td>
</tr>
<tr>
<td>Controller</td>
<td>2 sets, 350 mm dia.</td>
</tr>
<tr>
<td>Steering</td>
<td>2 sets, 350 mm dia.</td>
</tr>
</tbody>
</table>

**OPTIONAL EQUIPMENT**

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shoe tray</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Tinted glass</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Sun visor</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Upper</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Cigarette lighter</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>AM/FM Radio</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Cup holder</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Cab</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Two back mirrors</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Three front working lights</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Tool box (equipped on right-side guard)</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Side deck (for cab)</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Electric hand throttle grip</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>170F51 battery</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>760mm shoe crawlers</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Counterweight</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Swing neutral brake</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Lifting capacity set</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Hydraulic tagline</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>No.2 Outlet for Auger</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>No.1 Outlet for Auger</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Third drum</td>
<td>2 sets, 250 mm dia.</td>
</tr>
</tbody>
</table>

**TELESCOPIC CRAWLER CRANE**

**Model TK550-1E**

Max. Lifting Capacity : 55t x 3.0m

Comply with Japanese Construction Codes for Mobile Cranes.

**GENERAL SPECIFICATION**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. capacity</td>
<td>55t</td>
</tr>
<tr>
<td>Max. extension</td>
<td>3.0m</td>
</tr>
<tr>
<td>Boom length</td>
<td>36,000 mm</td>
</tr>
<tr>
<td>Thrust rollers</td>
<td>2 sets, 150 mm dia.</td>
</tr>
<tr>
<td>Axles</td>
<td>4 sets, 400 mm dia.</td>
</tr>
<tr>
<td>Cable</td>
<td>Steel wire rope, 25.4 mm dia.</td>
</tr>
<tr>
<td>Controller</td>
<td>2 sets, 350 mm dia.</td>
</tr>
<tr>
<td>Steering</td>
<td>2 sets, 350 mm dia.</td>
</tr>
<tr>
<td>Shoe tray</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Tinted glass</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Sun visor</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Upper</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Cigarette lighter</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>AM/FM Radio</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Cup holder</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Cab</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Two back mirrors</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Three front working lights</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Tool box (equipped on right-side guard)</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Side deck (for cab)</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Electric hand throttle grip</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>170F51 battery</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>760mm shoe crawlers</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Counterweight</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Swing neutral brake</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Lifting capacity set</td>
<td>2 sets, 250 mm dia.</td>
</tr>
<tr>
<td>Hydraulic tagline</td>
<td>2 sets, 250 mm dia.</td>
</tr>
</tbody>
</table>

**KOBELCO CRANES CO., LTD.**

1-1, Higashigotanda 2-chome, Shinagawa-ku, Tokyo 141-8626 JAPAN

Tel: 03-5462-0000 Fax: 03-5463-0966

Website: http://www.kobelco-cranes.com/
**GENERAL DIMENSIONS (Unit: mm)**

**STANDARD EQUIPMENT**

- **Main Structure/Model**
  - Overhang: 18 dia. × 40 ft (5.4 m × 12 m)
  - Dimension: 18 dia. × 30 ft (5.4 m × 9 m)

- **Hydraulic System**
  - Hydraulic motors, planetary reducers, direct drive, shoe-in-type
  - Turbocharger, intercooler

- **First Class Winch**
  - Max. output: 100 kW
  - Max. discharge pressure: 24.5 MPa

- **Second Class Winch**
  - Max. output: 50 kW
  - Max. discharge pressure: 17.2 MPa

- **Third Class Winch (optional)**
  - Max. output: 35 kW

- **Boom Telescoping Device**
  - Direct forced type by double acting hydraulic cylinder (three)

- **Boom Hoist Device**
  - Hydraulic drive motor with planetary gear reduction with hand brake, swing neutral-free or neutral-brake selector type

- **Weights and Dimensions**
  - Operating weight: 55.0 t
  - Max. discharge flow: 40 liters/min
  - Max. discharge pressure: 17.2 MPa

- **Swing Device**
  - Swing neutral brake: cannot select swing neutral free

- **Swing Neutral Brake Pins**
  - Cannot select swing neutral free

- **Swing Lock Pin**
  - Can select swing neutral free

- **Swing Lock Pin**
  - Can select swing neutral free

- **Safety Lever Lock**
  - Can select swing neutral free

- **Hook Over-Hoist Auto-Stop Device**
  - Can select swing neutral free

- **Over-Load Prevention Device (auto stop function)**
  - Can select swing neutral free

- **Release Prevention Key for Hook Over-Hoist Prevention Device**
  - Can select swing neutral free

- **Tool Box**
  - Not available to equip with Trans-Lifter simultaneously

- **Engine Model**
  - MITSUBISHI 6D16-TLE2A

- **Engine Parameters**
  - Max. output: 200/2,000 kW/min
  - Total displacement: 447.1 liters

- **Propel System**
  - Lower:
    - Rated line pull: Main kN (tf)
    - Main hook max. height: m
    - Main boom length: m
  - Upper:
    - Rated line pull: Main kN (tf)
    - Main hook max. height: m
    - Main boom length: m

- **Electrical System**
  - Electric hand throttle grip

- **Other**
  - Intermittent windshield wiper with window washer (roof, front and lower front window)
  - Foot pedal cover (rubber)
  - Floor mat (cloth)
  - Tinted glass
  - Roof blind
  - Sun visor
  - Upper Ashtray
  - AM/FM Radio
  - Air conditioner
  - Cab
  - Three front working lights
  - Lubrication Device
  - Anti-slip sheet
  - Side Deck (for Cab): 300 mm (W) × 970 mm (L)
  - Electric fan
  - Engine rpm fix switch: 4-steps
  - Boom hoist pedal: right hand (not available to equip with foot acceleration)
  - Foot acceleration: right hand

- **Tool Box**
  - Not available to equip with Trans-Lifter simultaneously

- **What's New**
  - New gradeability

- **Max. Lifting Capacity**
  - 55 t × 3.0 m

- **Tire Type**
  - 760 mm shoe crawlers

- **Counterweight**
  - 12.0 t (8.0 t + 1.7 t + 2.3 t)

- **Specifications**
  - Subject to change without notice.

- **Country**
  - Please consult KOBELCO for those items you may require. Due to our policy of continual product improvements all designs and specifications are subject to change without advance notice.

- **URL**
  - http://www.kobelco-cranes.com/

- **Tel**
  - +81-3-5789-2130
  - Fax: +81-3-5789-3372

**OPTIONAL EQUIPMENT**

- **First Class Winch**
  - Max. output: 100 kW
  - Max. discharge pressure: 24.5 MPa

- **Second Class Winch**
  - Max. output: 50 kW
  - Max. discharge pressure: 17.2 MPa

- **Third Class Winch (optional)**
  - Max. output: 35 kW

- **Lamp for Neutral-Free/Brake Select Switch**
  - Main, aux.

- **Swing Device**
  - Swing neutral brake: cannot select swing neutral free

- **Swing Lock Pin**
  - Can select swing neutral free

- **Swing Lock Pin**
  - Can select swing neutral free

- **Safety Lever Lock**
  - Can select swing neutral free

- **Hook Over-Hoist Auto-Stop Device**
  - Can select swing neutral free

- **Over-Load Prevention Device (auto stop function)**
  - Can select swing neutral free

- **Release Prevention Key for Hook Over-Hoist Prevention Device**
  - Can select swing neutral free

- **Tool Box**
  - Not available to equip with Trans-Lifter simultaneously

- **Engine Model**
  - MITSUBISHI 6D16-TLE2A

- **Engine Parameters**
  - Max. output: 200/2,000 kW/min
  - Total displacement: 447.1 liters

- **Propel System**
  - Lower:
    - Rated line pull: Main kN (tf)
    - Main hook max. height: m
    - Main boom length: m
  - Upper:
    - Rated line pull: Main kN (tf)
    - Main hook max. height: m
    - Main boom length: m

- **Electrical System**
  - Electric hand throttle grip

- **Other**
  - Intermittent windshield wiper with window washer (roof, front and lower front window)
  - Foot pedal cover (rubber)
  - Floor mat (cloth)
  - Tinted glass
  - Roof blind
  - Sun visor
  - Upper Ashtray
  - AM/FM Radio
  - Air conditioner
  - Cab
  - Three front working lights
  - Lubrication Device
  - Anti-slip sheet
  - Side Deck (for Cab): 300 mm (W) × 970 mm (L)
  - Electric fan
  - Engine rpm fix switch: 4-steps
  - Boom hoist pedal: right hand (not available to equip with foot acceleration)
  - Foot acceleration: right hand

- **Tool Box**
  - Not available to equip with Trans-Lifter simultaneously

- **What's New**
  - New gradeability

- **Max. Lifting Capacity**
  - 55 t × 3.0 m

- **Tire Type**
  - 760 mm shoe crawlers

- **Counterweight**
  - 12.0 t (8.0 t + 1.7 t + 2.3 t)

- **Specifications**
  - Subject to change without notice.

- **Country**
  - Please consult KOBELCO for those items you may require. Due to our policy of continual product improvements all designs and specifications are subject to change without advance notice.

- **URL**
  - http://www.kobelco-cranes.com/

- **Tel**
  - +81-3-5789-2130
  - Fax: +81-3-5789-3372

**GENERAL SPECIFICATION**

- **Year**
  - 2001

- **Model**
  - TK550-1E

- **Weight**
  - Operating weight: 55.0 t
  - Counterweight: 12.0 t

- **Dimensions**
  - Main structure/Model: 18 dia. × 40 ft (5.4 m × 12 m)
  - Main structure/Lower: 18 dia. × 30 ft (5.4 m × 9 m)

- **Performance**
  - Max. lifting capacity: 55.0 t × 3.0 m

- **Engine**
  - Model: MITSUBISHI 6D16-TLE2A
  - Max. output: 200/2,000 kW/min
  - Total displacement: 447.1 liters

- **Swing System**
  - Swing neutral brake: cannot select swing neutral free

- **Safety System**
  - Over-load prevention device (auto stop function)
  - Release prevention key for hook over-hoist prevention device

- **Tool Box**
  - Not available to equip with Trans-Lifter simultaneously

- **Engine Model**
  - MITSUBISHI 6D16-TLE2A

- **Engine Parameters**
  - Max. output: 200/2,000 kW/min
  - Total displacement: 447.1 liters

- **Propel System**
  - Lower:
    - Rated line pull: Main kN (tf)
    - Main hook max. height: m
    - Main boom length: m
  - Upper:
    - Rated line pull: Main kN (tf)
    - Main hook max. height: m
    - Main boom length: m

- **Electrical System**
  - Electric hand throttle grip

- **Other**
  - Intermittent windshield wiper with window washer (roof, front and lower front window)
  - Foot pedal cover (rubber)
  - Floor mat (cloth)
  - Tinted glass
  - Roof blind
  - Sun visor
  - Upper Ashtray
  - AM/FM Radio
  - Air conditioner
  - Cab
  - Three front working lights
  - Lubrication Device
  - Anti-slip sheet
  - Side Deck (for Cab): 300 mm (W) × 970 mm (L)
  - Electric fan
  - Engine rpm fix switch: 4-steps
  - Boom hoist pedal: right hand (not available to equip with foot acceleration)
  - Foot acceleration: right hand

- **Tool Box**
  - Not available to equip with Trans-Lifter simultaneously

- **What's New**
  - New gradeability

- **Max. Lifting Capacity**
  - 55 t × 3.0 m

- **Tire Type**
  - 760 mm shoe crawlers

- **Counterweight**
  - 12.0 t (8.0 t + 1.7 t + 2.3 t)

- **Specifications**
  - Subject to change without notice.

- **Country**
  - Please consult KOBELCO for those items you may require. Due to our policy of continual product improvements all designs and specifications are subject to change without advance notice.

- **URL**
  - http://www.kobelco-cranes.com/

- **Tel**
  - +81-3-5789-2130
  - Fax: +81-3-5789-3372

**KOBELCO CRANES CO., LTD.**

- Head Office: Kobe Steel, Limited, 1-1, Hiraiai, Chukyo-ku, Kobe, 653-8555, Japan
  - Tel: +81-3-5789-2130
  - Fax: +81-3-5789-3372
  - URL: http://www.kobelco-cranes.com/