Superb Job-to-Job Mobility
Increased Mobility
Thanks to Technological Advances

Bridle joint guides adopted for increased ease of boom disassembly and reassembly

Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Unit</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. lifting capacity</td>
<td>t</td>
<td>55</td>
</tr>
<tr>
<td>Basic boom length</td>
<td>m</td>
<td>10</td>
</tr>
<tr>
<td>Max. boom length</td>
<td>m</td>
<td>52</td>
</tr>
<tr>
<td>Fly jib length</td>
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<td>6</td>
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<tr>
<td>Boom + fly jib length</td>
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<td>43+15</td>
</tr>
<tr>
<td>Tower length</td>
<td>m</td>
<td>43+15</td>
</tr>
<tr>
<td>Tower jib length</td>
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<td>28</td>
</tr>
<tr>
<td>Tower + jib length</td>
<td>m</td>
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<td>m/min</td>
<td>110/74/37</td>
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<tr>
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<td>m/min</td>
<td>110/74/37</td>
</tr>
<tr>
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<td>m/min</td>
<td>60</td>
</tr>
<tr>
<td>Boom hoist drum*</td>
<td>m/min</td>
<td>60</td>
</tr>
<tr>
<td>Swing speed</td>
<td>m/min</td>
<td>2.0/1.5</td>
</tr>
<tr>
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<td>m/min</td>
<td>40</td>
</tr>
<tr>
<td>Gradeability</td>
<td>%</td>
<td>74/37</td>
</tr>
<tr>
<td>Diesel Engine</td>
<td></td>
<td>Isuzu 4HK1X</td>
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<tr>
<td>Engine power</td>
<td>kW</td>
<td>147</td>
</tr>
<tr>
<td>Ground pressure</td>
<td>kPa</td>
<td>74.3</td>
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<tr>
<td>Operating weight</td>
<td>t</td>
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</tr>
<tr>
<td>Operating weight (w/10 m boom and 55 t capacity hook)</td>
<td>t</td>
<td>70.0</td>
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<tr>
<td>Operating weight (w/40 m tower + 25 m jib)</td>
<td>t</td>
<td>37.0</td>
</tr>
<tr>
<td>Operating weight (w/10 m boom and 1.2 m³ bucket)</td>
<td>t</td>
<td>70.0</td>
</tr>
</tbody>
</table>

Notes:
- Dimensions shown in ( ) are with side frames fully retracted.
- Line speeds will vary with load.
- Dimensions shown in ( ) are with side frames fully retracted.
- This catalog is not applicable to European and North America areas.
- The machine shown may vary according to territory Specifications.
- Specifications are subject to change without notice.

Address inquiries to:
Sumitomo Heavy Industries Construction Cranes Co., Ltd.
9-3, Hibachi-cho 6-chome, Taito-ku, Tokyo 110-0015, Japan
Phone: 81-3-3845-1387  Facsimile: 81-3-3845-1394
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Emissions control engine

Operator Comfort and Operating Ease

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Operating Ease

Precision Crane Operation with the Drum Speed Sensing System

Fine inching with the Lever-mounted Drum Rotation Sensing System

Dependable inching operation is ensured even when the load is invisible -- i.e., deep crane operation under the ground with the help of a signal man, or extracting piles with a vibration hammer. The system enables the operator to feel drum rotation beginning at the fingertips.

Coupled with the fine-speed control system featuring a wide control range, increases controllability and productivity are increased.

Fine Inching with the Lever-mounted Drum Rotation Sensing System

Precision Crane Operation with the Drum Speed Sensing System

Safety-First Design

A wide an Array of Devices: Ergonomic Levers, Rounded Lever Stand, Easy-to-Read Control Panel and Numerous Locking Mechanisms

Secondary Boom Overload Prevention Device

Even if the boom or hook overload prevention device fails, the secondary boom overload prevention device prevents boom and/or hook overloading. Alarm bell and buzzer sound to warn the operator. Also, the engine shut down to prevent damage due to boom imbalance.

Cushioned Boom Stops

A cushioned boom stop mechanism is provided to reduce shock due to abrupt stops such as automatic stops from boom over-ceiling or overloading.

Cushioned Boom Stops

Even if the boom or hook overhoist prevention device fails, the secondary boom overhoist prevention device prevents boom and/or hook overhoisting. Alarm bell and buzzer sound to warn the operator. Also, the engine shut down to prevent damage due to boom imbalance.

Secondary Boom Overhoist Prevention Device

Drum Locking Mechanism

Each drum is locked automatically when the key switch is set to OFF or ACC position.

Interlock System

This system does not allow the engine to start unless the engine brake is locked and the holding brake is set to the auto brake mode.

Brake Mode Selector

The brake mode selector is provided on the lever stand. Indicators enable the operator to differentiate brake mode of attention.

Auto brake mode(green indicator) Free fall mode(red indicator)

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