SUMITOMO

Engine Rated Power (Net): 70.9 kW · 96.4 PS
Operating Weight:
SH130(LC)-6 - 12,400 - 13,900 kg
Bucket: ISO/SAE/PCSА Heaped: 0.34 - 0.65 m³

SUMITOMO (S.H.I) CONSTRUCTION MACHINERY CO., LTD.

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We are continually improving our products and therefore reserve the right to change designs and specifications without notice.
Illustrations may include optional equipment and accessories and may not include all standard equipment.
Photos may include optional equipment.
Performance Refined. Evolution Defined.

Engine and Hydraulics 06-07
- New Generation Engine System “SPACE 5+”
- New Hydraulic System “SIH:S+”
- SUMITOMO Fuel Efficiency Technology
- Dramatically Increased Productivity

Durability and Maintenance 08-11
- High Rigidity Attachments
- EMS
- Ground Level Maintenance

Safety and Operator Comfort 12-17
- Stylish and Spacious Cabin
- High-Definition Full Colour LCD Monitor

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Engineered in Japan
The world knows that Japanese designed and engineered products represent the highest quality, especially for Industrial Products. The hydraulic excavator is no exception when a totally integrated concept is required in design work involving key components, manufacturing engineering, and product quality assurance in the factory. SUMITOMO hydraulic excavators are designed and manufactured today to meet the global demands of our many customers with the concept of Performance, Reliability, and Fuel Efficiency foremost in our minds. This proven Japanese technology and quality gives SUMITOMO excavator customers total peace of mind and provide a complete solution for the demands of the construction industry.
There are three working modes available: SP (Super Power) for heavy duty applications, H (Heavy) for normal working conditions, and A (Auto) for a wide range of operations.

Further Improvement of Fuel Consumption
The new technology has improved operations and reduced fuel consumption on each working mode.

- **SP mode**: 2% reduction in fuel consumption
- **H mode**: 6% reduction in fuel consumption
- **A mode**: 3% reduction in fuel consumption

**ECO Gauge Showing Low Energy Operation**
The energy saving conditions can be seen at a glance, as well as the fuel consumption indicator shown on the monitor.

**SUMITOMO Technology for Fuel Efficiency**
- **SSC (Spool Stroke Control)**: Reduces engine load upon heavy duty operation.
- **BES (Boom-down Energy Save)**: Lowers engine speed upon boom-down and swing operation which does not require large oil flow.
- **AES (Auto Energy Save)**: Lowers engine speed accordingly when low engine load is sensed.
- **PTR (Pump Transition Reduction)**: Decreases engine load when the pump flow requirement is reduced upon abrupt pump load.
- **Idle Shut Down & Auto Idle**: Upon activation, idle shut down automatically shuts the engine down when the machine is not in operation for set amount of time. Auto Idle is also available, which makes the engine begin idling approximately five seconds after the operation levers are in neutral position.

The new engine system optimises fuel efficiency and environmental performance via the advanced common rail fuel injection system, cooled EGR system, and turbocharger. At the same time, excellent response times are achieved.

**New Generation Engine System “SPACE 5+”**

**New Hydraulic System**

**Reduction in Fuel Consumption**
(as compared with SH130-5 [H mode])

6%
**Engine and Hydraulics**

SUMITOMO’s original technology Spool Stroke Control (SSC), perfectly matches the engine and hydraulic power, and further improves the operational speed whilst maintaining smooth control of the machine.

**Work Efficiency Drastically Increased**

Spool Stroke Control (SSC) variably controls spool port flow rate, depending on the condition of operation. Improved power, speed, and smoother controls mean that work efficiency is dramatically increased.

**Real Digging Power**

The true digging force can not be expressed by a maximum digging power figure listed in sales brochures. With an improved hydraulic system and with a large arm cylinder, the arm-in motion speed slowdown is minimised. The digging power when combined with the attachment speed in motion convert to the operator’s “Real Digging Power”.

**Speed and Power, Dramatically Increases Productivity**

- **SP mode 2% faster cycle time**
- **A mode 2% faster cycle time**

*Based on SUMITOMO’s testing condition and results.

**Operating Condition Easily Viewable on Display**

Various control such as working modes and auxiliary hydraulic setting can be easily selected by the universally designed switch panel, and what’s being selected can be easily viewed on the 7” wide monitor.

**Automatic Power Boost**

The digging power increases automatically in quick response to the working conditions during heavy-duty digging work. This is a design unique to SUMITOMO, and continues for eight seconds (SP/H mode).
Durability and Maintenance

High Rigidity Attachments

The structure of the boom and arm has been further improved, ensuring strength and durability. In addition, high strength castings are used for the boom base and arm end, improving reliability.

• Boom

• Arm

Bucket

A one-piece wear plate covers the weld section to increase the wear life of the bucket.

High Rigidity Swing Frame

The swing frame has been strengthened to support the new ROPS cabin, as well as to increase durability.

High Rigidity Undercarriage

For improved mobility, the track system has been strengthened ensuring longer wear life, performance, and improved reliability.

EMS (Easy Maintenance System) as Standard

SUMITOMO’s EMS keeps the pins and bushes fully lubricated at all times and prevents rattling. This system significantly extends the service life of the pins and bushes. The lubrication interval around the bucket is 250 hours, and for the other sections it is 1,000 hours, keeping the joints lubricated for a long time and extending the service life of parts by reducing abrasion and rattling.

• Bucket greasing interval: 250 hours
• Greasing interval for other sections: 1,000 hours

* The greasing interval depends on the working conditions.

Bucket greasing interval:
Greasing interval for other sections:

250
1,000
hours
hours

Sections equipped with steel EMS bushing
Sections equipped with EMS bushing

EMS bushing

Steel EMS bushing

A solid lubricant embedded in high strength brass forms a layer on the bushing surface to prevent contact between metals, maintaining an excellent lubricated state to reduce abrasion of joints.

The surface of the pin is plated to increase the surface hardness and improve the wear resistance accordingly.

A solid lubricant is installed around the bucket.

Precautionary use of EMS

1. Grease is enclosed, however greasing is necessary every 1,000 hours or six months depending on the level of dusting conditions.
2. Greasing is also necessary after any components have been submerged underwater for prolonged periods.
3. Greasing is also recommended after use with hydraulic breakers, crushers or other high impact attachments such as Rock Saws etc.
4. Bucket pins should be cleaned thoroughly when removing or attaching new buckets.

EMS bushing

Steel EMS bushing

Solid lubricant

Solid lubricant

High strength brass

Plated pin
Special bushing

A

B

A

B

Solid lubricant

High strength brass

Plated pin

Special bushing

Steel EMS is installed around the bucket.

EMS bushing

Steel EMS bushing

Dust seal

Dust seal

One-piece steel plate

One-piece steel plate

Battery frame for increased reliability.

Increased E frame height for more durability.

One-piece steel plate web for increased reliability.

Bucket pins should be cleaned thoroughly when removing or attaching new buckets.
Durability and Maintenance

Serviceability and durability are also important points of machine performance. Ground level access to the engine area makes daily maintenance extremely straightforward. Reliability has been further enhanced by increasing cooling capability and durability.

Ground Level Access to Engine Area Improves Preventative Maintenance

Parts cleaning and maintenance are possible from the ground without climbing onto the upper structure of the excavator body.

- **Increased Cooling Capability**
  With the larger radiator and oil cooler, cooling capacity is increased, thus improving reliability. In addition, cleaning of the dust-proof net is simplified.

- **Easy Filter Replacement**
  A fuel prefilter and clogging sensor to the main fuel filter are provided as standard equipment to reduce trouble due to fuel clogging. In addition, the fuel and oil filters are installed at ground-accessible location to facilitate replacement.

High-Performance Return Filter

The hydraulic oil change interval is 5,000 hours, and the return filter change interval is 2,000 hours. One high performance return filter keeps the same level of filtering as a nephron.

- **Hydraulic oil change:** 5,000 hours
- **Life of filter:** 2,000 hours

* The oil and filter change interval varies by the working conditions.

Cab Floor Mat

The washable floor mat has been redesigned for ease of removing and cleaning.

New Side Frame Shape

The cross-sectional shape has been redesigned to make cleaning easier.

Fuse Box Location

The fuse box has been located in a separate compartment behind the seat, allowing easier access.
Safety and Operator Comfort

Planning for safety in the event of a roll accident, a new strengthened safety cabin has been provided. The reinforced cabin greatly increases the operator’s safety.

Newly Designed Strengthened Safety Cabin
The optimised design and strengthened parts increase the overall cabin strength. Even if the shovel were to tip over, the safety of the operator is ensured by keeping cabin deformation to a minimum.

Wide View Increases Safety of Work
In addition to the wide front view, the upper view has been widened to enhance work safety.

Super Comfortable Cab Mounts and Pressurised Cab
Fluid mounts that support the cab absorb shocks and vibrations effectively, improving ride comfort. The cab also features a pressurised design to prevent dust from entering inside, giving operators greater comfort.

New OPG Level 2 Head Guard (option)
OPG Level 2 head guard is available as an option. The see-through grille has been redesigned for better protection and visibility.

Safe and Easy Entry into and Exit from the Cab
A large handrail for easy opening/closing of the door and increased floor space permit the operator to get in and out of the cab easily.

Easy Access to the Upper Structure

Cab Front Guard (option)
The optional cab front guard increases security from flying debris during wrecking work or the like.
The highly water repellent seat covering is tough on dirt and water.

**Radio mute switch (left lever) One-touch wiper switch (right lever)**

**Stylish and Spacious Cab**
Wide cab space and floor space ensure more comfortable operation. In addition to the tilting console that is adjustable in four steps vertically, the increased sliding distance ensures optimum working conditions. Moreover, in cab noise level has been reduced by 2dB (as compared with SH130-5).

**Sophisticated Reclining Seat**
The seat reclining system allows the operator to lay the seat flat and to rest on site without having to remove the headrest. The suspension seat eliminates vibration and fatigue. Air suspension is also available as option.

**Automatic Air Conditioner**
Fully automatic climate control is available through the eight vents, with an 8% stronger A/C unit, and a 24% improvement in airflow. (as compared with SH130-5)

**Radio and Speaker with MP3 Jack**
In addition to the AM/FM radio and dual speaker system with improved sound quality, auxiliary audio port is provided standard for devices such as MP3 players.

**Lever Switches**
One-touch idle, horn, radio mute, or one-touch wiper buttons are installed on the operation levers in consideration of improved operability while working.

**Comfortable Equipment**
Luggage space Hot & cool box Magazine rack

The spacious cab on suspension mounts and reclining suspension seat help reduce operator fatigue and provide a relaxed environment.

**Performance Refined. Evolution Defined.**

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Luggage space Hot & cool box Magazine rack

The highly water repellent seat covering is tough on dirt and water.

Air suspension (option)
Safety and Operator Comfort

To support the operator in the field, the DASH 6 incorporates a 7” wide full colour LCD monitor with numerous functions and universally designed switch panel. The cabin with enhanced operator comfort ensures a safe working environment.

Large High-Definition LCD Monitor

A new large high-definition full colour LCD monitor has been introduced with better visibility and a switch panel which is easy to operate. Added functionality such as ECO gauge showing parameter of energy saving, display of operation status and warning messages, provides accurate information which improves work efficiency and safety.

Indicators

- Working modes
- Travel speed
- Work lights
- Engine idle modes
- Free swing / Anti-theft
- Attachment selection
- Digital clock
- ECO gauge
- Fuel level gauge
- Engine coolant temperature
- Fuel consumption indicator
- Hydraulic oil temperature
- Power boost
- Radio mute
- Hour meter

Switch Panel

- Travel speed button
- Fuel consumption button
- Aux. hydraulics settings
- Computer menu
- Camera on/off
- Hour meter / Camera toggle button
- Window washer control
- Engine idle mode button
- Worklights on/off
- Window wiper control

Rearview Camera (option)

With the rearview camera, the operator can view the image on the large LCD monitor. A side camera is available as option and up to two different images can be displayed on the monitor.

Rearview Mirror

The rearview mirrors reduce blind spots during operation. ISO compliant mirrors also available as option.
Specifications

SH130(LC)-6 Technical Data
Electronic-controlled engine of SPACE 5+ and SHIS+ with Nax Hydraulic System: three working modes (SP, HD, and 1-touch/automatic idling system, automatic power-boost, speed assistance system, power-swing system.

### Engine
- Model: SH130-6
- Type: BZUJ G4J11X
- Water-cooled, 4-cylinder diesel, 4-cylinder in line, high-pressure common rail system (electronic control), Turbocharger with air-cooled intercooler
- Rated output: 70.9 kW (96.4 PS/92.0 mm³)
- Maximum torque: 349 Nm at 1,600 m³
- Piston displacement: 2,999 ml
- Bore and stroke: 95.4 mm x 104.9 mm
- Starting system: 24V electric motor starting
- Alternator: 24V, 50 A
- Fuel tank: 260 l
- Air filter: Double element

### Hydraulic pumps
Two variable displacement axial piston pumps provide power for boom/arm/bucket, swing, and travel. One gear pump for pilot controls.

- SH130-6
  - Maximum oil flow: 129 l/min
  - Pilot pump max oil flow: 20 l/min

### Hydraulic motors
For travel: Two variable displacement axial piston motors. For swing: One fixed displacement axial piston motor.

- Relief valve settings
  - Boom/arm/bucket: 33.6 MPa (350 kgf/cm²)
  - Boom/arm/bucket: 38.3 MPa (370 kgf/cm²) with auto power-up
  - Swing circuit: 27.9 MPa (285 kgf/cm²)
  - Travel circuit: 33.6 MPa (350 kgf/cm²)

### Control valve
With boom/arm holding valve
- One 4-speed valve for right track travel, bucket, boom and arm acceleration
- One 5-speed valve for left track travel, auxiliary, swing, boom acceleration and arm

### Oil filtration
Return filter: 6 microns
Pilot filter: 8 microns
Suction filter: 105 microns

### Hydraulic cylinders
- Cylinder: 2x475 mm x 1080 mm
- Boom: 105 mm x 70 mm x 961 mm
- Arm: 105 mm x 95 mm x 1180 mm
- Bucket: 95 mm x 65 mm x 881 mm

### Cabin & controls
The cabin is mounted on four fluid mountings. Features include safety glass front, rear and side windows, adjustable upholstered suspension seat with headrest and armrest, cigarette lighter, pop-up skylight window, and intermittent wiper with washer. Front window slides upward for storage and the lower front window is removable. Control levers are located in four positions within the control console. Built-in type full-colour monitor display. Membrane switch on monitor display.

### Specifications

#### Swing
- Planetary reduction powered by axial piston motor. The internal ring gear with gear cavity for pinion. Swing bearing is single-row, slewing type ball bearing. Dual stage relief valves for smooth swing deceleration and stops. Mechanical disc swing brake.

#### Undercarriage
- X-style carbody is integrally welded for strength and durability. Grayscale cylinder track adjusters with shock absorbing springs. Undercarriage with lubricated rollers and idlers.

#### Type of shoes: sealed link shoe
- Upper rollers
  - Heat treated, mounted on steel bushings with leaded tin bronze casting, sealed for lifetime lubrication.
- Lower rollers
  - Heat treated, mounted on steel bushings with leaded tin bronze casting, sealed for lifetime lubrication.

#### Track adjustment
- Idler axes adjusted with grease cylinder integral with each side frame; adjustment is achieved with hex-key tool.

#### Number of rollers and shoes on each side

### Bucket
- Bucket capacity (ISO/SAE/PSHA heaped)
  - SH130-6: 0.24 m³, 0.30 m³
  - SH130-6 HE (CEC HE heaped): 0.22 m³, 0.28 m³

### Weight & Ground Pressure

#### Model
- SH130-6 Blade

<table>
<thead>
<tr>
<th>Model</th>
<th>SH130-6 Blade</th>
<th>SH130LC-6</th>
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<tbody>
<tr>
<td>Bucket type</td>
<td>STD</td>
<td>STD</td>
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<tr>
<td>STD</td>
<td>STD</td>
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</tr>
<tr>
<td>2.11 m arm</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>2.50 m arm</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>3.01 m arm</td>
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</tbody>
</table>

**Options and specifications may differ depending on countries and regions**

### Bucket Linkage

#### Model
- SH130-6

<table>
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<th>SH130-6</th>
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<td>3.01 m arm</td>
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#### Digging Force

<table>
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<tr>
<th>Model</th>
<th>SH130-6</th>
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</thead>
<tbody>
<tr>
<td>Arm length</td>
<td>3.01 m arm (power boost)</td>
</tr>
<tr>
<td>Bucket digging force (with auto power up)</td>
<td>SAE: PSHA</td>
</tr>
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### Weight & Ground Pressure

#### Model
- SH130-6 Blade

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<tr>
<td>3.01 m arm</td>
<td>1</td>
</tr>
<tr>
<td>Height</td>
<td>Lifting Capacity</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------</td>
</tr>
</tbody>
</table>
| -4 m  | 5.82 kg/m | Capacity limited to each operation.
| -5 m  | 6.31 kg/m |
| 1 m   | 6.03 kg/m |
| 5 m   | 7.52 kg/m |
| 8 m   | 8.28 kg/m |
| 10 m  | 8.40 kg/m |

**UNDERCARRIAGE**

<table>
<thead>
<tr>
<th>BLADE</th>
<th>Hook (m)</th>
<th>Bucket (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>STD</td>
<td>1.65</td>
<td>1.49</td>
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<tr>
<td>SAE/PCSA</td>
<td>0.45 (m³)</td>
<td>500 (mm)</td>
</tr>
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</table>

**MAXIMUM REACH**

<table>
<thead>
<tr>
<th>BOOM</th>
<th>Hook (m)</th>
<th>Bucket (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.63</td>
<td>2.15</td>
<td>2.72</td>
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**B: Bucket hook height**

<table>
<thead>
<tr>
<th>Level ground or 87% full hydraulic capacity.</th>
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<tbody>
<tr>
<td>2.06</td>
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<tr>
<td>2.05</td>
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<tr>
<td>4.48</td>
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</table>

**Radius of Load**

<table>
<thead>
<tr>
<th>Radius</th>
<th>Level ground or 87% full hydraulic capacity.</th>
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<tbody>
<tr>
<td>2.05</td>
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<td>2.06</td>
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<tr>
<td>4.48</td>
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</table>

**Notes:**
1. Machines are tested on ISO 23977.
2. Capacity limited to each operation.
3. Bucket hook height (B) is limited to the height of the bucket in the machine.
4. Rated capacity is limited to 10% of the machine's full hydraulic capacity.
### Lifting Capacity

**Notes:**
1. Ratings are based on ISO 10567.
2. Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 97% full hydraulic capacity.
3. The load point is a hook (not standard equipment) located on the back of the bucket.
4. Indicated load limited by hydraulic capacity.
5. 0 m = Ground.

#### SH130-6

<table>
<thead>
<tr>
<th>Bucket Hook Height</th>
<th>Max. Radius</th>
<th>8-m</th>
<th>6-m</th>
<th>5-m</th>
<th>4-m</th>
<th>3-m</th>
<th>2-m</th>
<th>1-m</th>
<th>Mins. Radius</th>
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<tr>
<td>8-m</td>
<td>4.00</td>
<td>4.60</td>
<td>5.20</td>
<td>5.80</td>
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<tr>
<td>6-m</td>
<td>3.60</td>
<td>4.20</td>
<td>4.80</td>
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<th>6-m</th>
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#### SH130-6

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<th>6-m</th>
<th>5-m</th>
<th>4-m</th>
<th>3-m</th>
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<th>Mins. Radius</th>
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<td>3.20</td>
<td>3.80</td>
<td>4.40</td>
<td>5.00</td>
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</tbody>
</table>

**Notes:**
1. Ratings are based on ISO 10567.
2. Lifting capacity does not exceed 75% of tipping load with the machine on firm, level ground or 97% full hydraulic capacity.
3. The load point is a hook (not standard equipment) located on the back of the bucket.
4. Indicated load limited by hydraulic capacity.
5. 0 m = Ground.
### Principle Specifications

<table>
<thead>
<tr>
<th>Standard Specifications</th>
<th>SH130-6</th>
<th>STD Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boom length</td>
<td>4.63 m</td>
<td></td>
</tr>
<tr>
<td>Arm length</td>
<td>2.50 m</td>
<td></td>
</tr>
<tr>
<td>Bucket capacity (ISO heaped)</td>
<td>0.50 m³</td>
<td></td>
</tr>
<tr>
<td>Std. operating weight</td>
<td>12,400 kg</td>
<td></td>
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<tr>
<td>Make &amp; model</td>
<td>ISUZU GJ-4JJ1X</td>
<td></td>
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<tr>
<td>Rated output</td>
<td>70.9 kW (96.4 PS)/2,000 min⁻¹</td>
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<tr>
<td>Displacement</td>
<td>2.99 hr</td>
<td></td>
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<tr>
<td>Main pump</td>
<td>2 variable displacement axial piston pumps with regulating system</td>
<td></td>
</tr>
<tr>
<td>Max pressure</td>
<td>34.3 MPa</td>
<td></td>
</tr>
<tr>
<td>(with auto power boost)</td>
<td>34.3 MPa</td>
<td></td>
</tr>
<tr>
<td>Travel motor</td>
<td>5.6/3.4 km/h</td>
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</tr>
<tr>
<td>Parking brake type</td>
<td>Mechanical disc brake</td>
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<tr>
<td>Swing motor</td>
<td>Fixed displacement axial piston motor</td>
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<tr>
<td>Travel speed</td>
<td>4.63 m</td>
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<tr>
<td>Drawbar pull</td>
<td>116.0 kN</td>
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<tr>
<td>Ground pressure</td>
<td>70% (135°)</td>
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<tr>
<td>Swing speed</td>
<td>14.1 min⁻¹</td>
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<tr>
<td>Bucket digging force</td>
<td>90.0 kN</td>
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<td>Arm digging force</td>
<td>62.0 kN</td>
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<tr>
<td>Fuel tank</td>
<td>260 ltr</td>
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<tr>
<td>Hydraulic fluid tank</td>
<td>82 ltr</td>
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</tbody>
</table>

### Standard Equipment

#### [Hydraulic system]
- SIH: S+ hydraulic system
- Operation mode (SP, H and A mode)
- Automatic 2-speed travel
- Automatic power boost
- Arm/bucketboom reactivation circuit
- Automatic swing parking system
- High-performance return filter

#### [Safety equipment]
- Rearview mirror (left/right)
- Emergency escape tool
- Retracting seat belt
- Gate lock lever
- Travel alarm (with on and off switch)
- Anti-theft alarm system
- Engine room firewall
- Fan guard
- Engine emergency stop switch
- Engine neutral start

#### [Cabin/interior equipment]
- Strengthened cabin
- Top guard OPG level 1 (in cab structure)
- 4-point fluid mounts
- Built-in type full-colour monitor display
- Tilting console
- Open-air introducing pressurised full-automatic air conditioner
- Defroster
- Hot & cool box
- Seat suspension
- Windscreen wiper (with intermittent operation function)
- Cup holder
- AM/FM radio (with muting function and AUX port & USB port)
- Radio mute/ Windscreen wiper one-touch control on joystick
- Clock
- bliesguard
- Accessory case
- Floor mat
- Armrest & headrest
- Airflow & cigarette lighter
- Cab light (Auto-OFF function)
- Coal hook

#### [Others]
- Auto/one-touch idling
- Auto idle shutdown system
- EMS
- Long-life hydraulic oil
- Two lights (main unit and left of boom)
- Fuel filter (with water separator)
- Fuel prefilter (with water separator)
- Double-element air cleaner
- Grease-enclosed track link
- Large tool box
- set of tools

#### Working Range

<table>
<thead>
<tr>
<th>Arm length</th>
<th>Boom length</th>
<th>Max digging radius</th>
<th>Max digging depth</th>
<th>Max vertical wall out depth</th>
<th>Max dumping height</th>
<th>Max front swing radius</th>
<th>Rear end swing radius</th>
<th>Max lift above ground</th>
<th>Min. drop below ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.11 m</td>
<td>4.63 m</td>
<td>7.960 mm</td>
<td>5.150 mm</td>
<td>4.600 mm</td>
<td>6.170 mm</td>
<td>2.120 mm</td>
<td>130 mm</td>
<td>515 mm</td>
<td>520 mm</td>
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<tr>
<td>2.50 m</td>
<td>8.310 mm</td>
<td>8.310 mm</td>
<td>5.540 mm</td>
<td>4.950 mm</td>
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<td>520 mm</td>
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<tr>
<td>3.01 m</td>
<td>8.770 mm</td>
<td>8.770 mm</td>
<td>6.050 mm</td>
<td>5.950 mm</td>
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<td>2.660 mm</td>
<td>130 mm</td>
<td>520 mm</td>
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</table>

#### Standards

- **Accessories (option)**
  - Cab-top lights
  - 12V power (DC-DC converter)
  - Head guard (OPG level 1)
  - Poly carbonate roof top window with sunshade
  - Front guard (OPG level 2)
  - Air suspension (KAB seat)
  - Blade
  - Refuel pump
  - Hose burst check valve (HBCV) for boom/arm cylinders
  - Rear view camera
  - Side camera
  - ROPS Cabin
  - ISO compliant mirror

**Accessories and specifications may differ depending on countries and regions.**
## Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>SH130LC-6</th>
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<tbody>
<tr>
<td>Arm length</td>
<td>2.11 m</td>
</tr>
<tr>
<td>Overall length</td>
<td>7 610 mm</td>
</tr>
<tr>
<td>A (equipped with blade)</td>
<td>7 910 mm</td>
</tr>
<tr>
<td>B (Length from centre of machine to arm top)</td>
<td>5 480 mm</td>
</tr>
<tr>
<td>C (Length from centre of machine to blade)</td>
<td>2 430 mm</td>
</tr>
<tr>
<td>D (Centre to centre of wheels)</td>
<td>2 790 (3 040) mm</td>
</tr>
<tr>
<td>E (Overall track length)</td>
<td>3 500 (3 760) mm</td>
</tr>
<tr>
<td>F (Overall height (to top of boom))</td>
<td>2 710 mm</td>
</tr>
<tr>
<td>G (Clearance height under upper structure)</td>
<td>880 mm</td>
</tr>
<tr>
<td>H (Shoe lug height)</td>
<td>20 mm</td>
</tr>
<tr>
<td>I (Overall height (to top of cab))</td>
<td>2 790 mm</td>
</tr>
<tr>
<td>J (Upper structure overall width)</td>
<td>2 540 mm</td>
</tr>
<tr>
<td>K (Width from centre of machine (left side))</td>
<td>1 290 mm</td>
</tr>
<tr>
<td>L (Width from centre of machine (right side))</td>
<td>1 250 mm</td>
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<tr>
<td>M (Track gauge)</td>
<td>1 980 mm</td>
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<tr>
<td>N (Overall track width)</td>
<td>2 490 mm</td>
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<tr>
<td>O (Std. shoe width)</td>
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<td>P (Minimum ground clearance)</td>
<td>440 mm</td>
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<tr>
<td>Q (Overall height (to top of handrail))</td>
<td>2 820 mm</td>
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<td>R (Width of blade)</td>
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<tr>
<td>S (Height of blade)</td>
<td>570 mm</td>
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*Figure in ( ) : LC type
* SH130LC-6 for 3.01 m arm — Arm cylinder pin at transportation point.*