ZAXIS-5G series
Super Long Front

For therecognition of standard equipment, refer to bucket and super long front configurations without bucket.

The following specifications are subject to change without notice. These specifications are subject to change without notice. Specifications may vary due to improvements and modifications. Refer to the Operator’s Manual for details on the product. The illustrations and photos show standard models and may or may not include optional equipment, accessories, and all variations in color and features. Before use, read and understand the Operator’s Manual for proper operation.

**LIFTING CAPACITIES (Without Bucket)**

**EQUIPMENT**

**ZX210LC-5G TYPE H18 SUPER LONG FRONT**

Standard and optional equipment may vary by country, so please consult your Hitachi dealer for details.

A: Load radius

B: Load point is the center-line of the bucket pivot mounting pin on the arm.

C: Undercarriage

For lifting capacities, subtract bucket and quick hitch weight from lifting capacities without bucket.

**SUPER LONG FRONT**

**APPLICATION & ATTACHMENT**

**SUPER LONG FRONT**

**APPLICATION & ATTACHMENT**

Note: 1. Ratings are based on ISO 1214.
2. Lifting load do not exceed 75% of tipping load with the machine on firm level ground or 87% full hydraulic capacity.
3. The load point is the center-line of the bucket pivot mounting pin on the arm.

For lifting capacities, refer to bucket and super long front configurations without bucket.

These specifications are subject to change without notice. Specifications may vary due to improvements and modifications. Refer to the Operator’s Manual for details on the product. The illustrations and photos show standard models and may or may not include optional equipment, accessories, and all variations in color and features. Before use, read and understand the Operator’s Manual for proper operation.

**Hitachi Construction Machinery Asia and Pacific Pte. Ltd.**

www.hitachi-construct.com/ap
Hitachi Super Long Front

Higher, Deeper and Longer – Working for Extra Production

**ENGINE**

- **Model**: Isuzu CC-6BG1T
- **Piston displacement**: 6.494 L
- **Bore and stroke**: 105 mm x 125 mm

**HYDRAULIC MOTORS**

- **Swing**: 1 axial piston motor
- **Boom**: 2 variable displacement axial piston motors
- **Swing device**: 2 variable displacement axial piston motors

**TRAVEL DEVICE**

- **Batteries**: 2 x 12 V / 88 Ah
- **Travel**: 2 variable displacement axial piston motors
- **Swing**: 1 axial piston motor

**SLOPE FINISHING**

- **Max. weight**: 830 kg
- **Drop**: 700 mm, or 900 mm when width of truck is 2,300 mm

**LONGER REACH – WIDER WORKING RANGES**

- **Max. digging reach**: 18,340 mm
- **Max. digging depth**: 14,720 mm
- **Max. cutting height**: 15,680 mm
- **Max. dumping height**: 13,320 mm

**EASIER TRUCK LOADING**

- **Min. ground clearance**: 450 mm

**SWING DEVICE**

- **Swing torque**: 53 kNm (5,390 kgfm)
- **Swing parking brake**: spring-set/hydraulic-released disc type

**UPPERSTRUCTURE**

- **Basic Machine Weight and Overall Width**: 32,150 kg, 3,190 mm
- **Capacity**: 1,415 mm, 1,675 mm

**SWING CYLINDERS**

- **Maximum oil flow**: 2 x 212 L/min
- **Maximum traction force**: 203 kN (20,700 kgf)
- **Gradeability**: 70% (35 degree) continuous

**INTEGRATED CIRCUITS**

- **Power boost**: 36.3 MPa (370 kgf/cm²)
- **Travel circuit**: 34.3 MPa (350 kgf/cm²)
- **Pilot circuit**: 3.9 MPa (40 kgf/cm²)

**IMPELLER CIRCUIT**

- **Implement circuit**: 34.3 MPa (350 kgf/cm²)

**FUEL TANK**

- **Fuel tank**: 400.0 L

**ENGINE COOLANT**

- **Engine coolant**: 23.0 L

**ENGINE OIL**

- **Engine oil**: 25.0 L

**HYDRAULIC OIL TANK**

- **Hydraulic oil tank**: 135.0 L

**HYDRAULIC CYLINDERS**

- **Boom**: 2,120 mm, 85 mm
- **Arm**: 1,140 mm, 100 mm
- **Swing device**: 240.0 L

**HORIZONTAL POSITIONING ACCURACY**

- **Longitudinal**: ±20 mm
- **Transverse**: ±10 mm

**SIDE CUTTERS**

- **Weight**: 24,200 kg
- **Overall width**: 3,190 mm

**TRIPLE GROUSER**

- **Weight**: 19,000 kg
- **Overall width**: 3,190 mm

**SIDE CLEARANCE**

- **C Counterweight clearance**: 1,030 mm
- **D Minimum dumping height**: 2,370 mm
- **E Undercarriage length**: 4,460 mm
- **F Overall height of upperstructure**: 3,010 mm
- **F' Overall height of cab**: 2,950 mm
- **G Min. ground clearance**: 450 mm
- **H Min. counterweight clearance**: 1,030 mm
- **J Maximum digging depth**: 14,720 mm
- **K Maximum digging reach**: 18,340 mm
- **L Maximum digging force SAE:PCSA**: 82 kN (8,300 kgf)
- **M ISO arm crowd force**: 39 kN (4,000 kgf)
- **N Maximum oil flow**: 2 x 212 L/min

**WEIGHT AND FRAME**

- **Weight, fuel, hydraulic oil, coolant, etc.**: Including counterweight.
- **Swing device**: 240.0 L

**OPERATOR'S CAB**

- **Independent spacious cab**: 1,005 mm wide by 1,675 mm high
- **Swing circle**: single-row
- **Swing parking brake**: spring-set/hydraulic-released disc type
- **Operator's Seat**: 240.0 L

**STRENGTHENED FRONT STRUCTURE TO BOOST RELIABILITY**

- **Especially high load region**: taken appropriate measures
- **Center**: Taken appropriate measures

**NUMBER OF STL SHOES AND SHOES ON EACH SID**

- **Upper rollers**: 2
- **Lower rollers**: 8
- **Upper rollers**: 2
- **Lower rollers**: 8
- **Upper rollers**: 2
- **Lower rollers**: 8
- **Upper rollers**: 2
- **Lower rollers**: 8
- **Upper rollers**: 2
- **Lower rollers**: 8