**Specifications**

- **Engine**
  - Type: HINO MOTOR
  - Model: K14T/2 (turbocharged, intercooled, 4-cylinder, water-cooled, direct injection diesel engine)
  - Rated power: 125 kW
  - Rated torque: 310 Nm at 2000 rpm

- **Load chart system (Main & Aux.)**
  - **Load chart** system: Manual type
  - **Load chart** gear: Two-stage planetary gear (with single stage spur gear)

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- **Hydraulic system**
  - **Motor** type: Axial piston type
  - **Reduction** gear: One stage planetary gear (with one stage spur gear)
  - **Load chart** gear: Tandem fixed gear + One stage spur gear

- **Brake**
  - **Automatic** - ball-bearing released wet type multiplex

- **Brake level**
  - **Release** lever

- **Main and Jib hook blocks may not be operated simultaneously.**

**Standard Equipment**

- Instrument for crane
- Engine tachometer (Hour meter)
- Air pressure gauge
- Fuel level gauge
- Engine coolant temperature indicator
- Engine oil pressure indicator
- Tire pressure indicator
- Water temperature indicator
- Lighting for crane
- 2-Work light (24V, 80W)
- 1-Room light (24V, 10W)
- Safety device
- Automatic stop for hook overreaching
- Automatic stop for boom overreaching
- Telescopic boom limit stop
- Swing lock
- Nip and auxiliary drum lock
- Boom head drum lock
- 2nd boom stop device
- Accessory stop device
- Clutch engagement on main and auxiliary
- Safety valve for hydraulic circuit
- Counterbalance valve
- Control lever locking device
- Other standard accessories
  - Front windshield wipers (intermittent, w/ washer)
  - Roof wipers (intermittent, w/ washer)
  - Sunvisor
  - Sun shade
  - Straps for tool box
  - Radiating operator's seat
  - Floor mat

**General Dimensions (with basic boom)**

**Unit:** mm

- **Height:** 6370 mm
- **Reach:** 7920 mm
- **Cable/></textarea>
Self dismantling method for convenient transportation

Attachments, counterweights and crawler frames can be dismantled to lighten the weight, shorten the width and lower the height of the base machine for convenient transportation.

- Remove attachments and counterweights.
- Open and lock jack-up beam (standard equipment).
- Disconnect hydraulic hoses of traction motor drive.
- Lift up base machine slightly by jack-up cylinder.
- Repeatedly jack-up frame assembly 30 mm with another cap.
- Push out and remove crawler frame by jack-up cylinder (standard equipment).

- Lift up base machine by jack-up cylinders to provide enough ground clearance for receiving trailer underneath.

Optional Equipment
- Moment limiter (levelled prevention)
  - Warning at 90% of rated load
  - Warning at optionally set boom angle
  - Shockless stop, load hoist and boom hoist or lowering at limited condition
- Insert boom (w/pendant cable) 3m, 6m, 9m
- 13m basic jib, 3m, 6m insert (w/pendant rope)
- Auxiliary jib
- 60 ton, 30 ton, and 30 ton hook block
- 11 ton hook block for jib
- Combination type hoist

Air conditioner
- Wireless phone
- Yellow rotary light
- Boom point clearance light
- Bullhorn
- Catwalk
- Catwalk (w/handle)
- Offset fence
- Electrical type level indicator
- Safety guard on boom
- Rewinding winch
- Hydraulic type tagline

Rope guide roller on boom (additional)
- Drum roller
- Name plate (both side of outer boom and cab)
- Fire extinguisher
- Flash light for inspection
- Hoist drum mms
- Boom foot pin cylinder
- Suction plate for raising of attachment
- Monitor TV (swatching rear left and drum)
- Monitor TV (swatching lifting load)
- Large size tool box with caper
- Sling wire for disassembling and assembly

- Completed dismantling work
- Base machine weight: reduced approx. 323 ton
- Can be transported above figure on 600 ton low bed trailer
- Reverse the above procedures to re-assemble.

- Moment limiter (Option)
  - The moment limiter has a graphic display with interactive screen. A panel switch lets the operator select from three display modes: load status diagram, rated lifting curve, and rated lifting capacity table.
  - When the actual load reaches 90% of rated lifting capacity, an intermittent warning buzzer sounds. At 100% of rated capacity, the buzzer sounds continuously, causing when load is hoisted or when boom is lowered. The moment limiter uses shockless control valves to slow and then stop the movement of boom or lower jib as they reach minimum or maximum operating angles. Boom angle limitations can be set by the operator, and the display blinks as a warning when these limits are reached.

- Power-efficient fully controlled hydraulic system
  - Two variable displacement pumps and one gear pump incorporated into the engine provide the most effective application of engine output. Hydraulic flow and pressure are automatically regulated within maximum engine output, delivering high flow and low pressure for lighter loads, low flow and high pressure under heavy loading.

- Ultra-low-speed control for precision work
  - Hydraulic pump delivery volume is controlled in conjunction with engine speed, supplemented by an independent swash-plate angle control dial. Together, these devices provide easy, accurate, seat-side control over delivery volume, for precise inching work.

- OK monitor
  - The OK monitor allows the operator to assess mechanical operating conditions at a glance, without leaving the seat. It includes bar graphs for water temperature, engine oil pressure and hydraulic oil temperature gauges, along with battery charging and air cleaner clogging information.

- Mode selector switch installed in control lever
  - Control levers, pedals and switches are designed for easy operation. One-touch winch mode selector switches (foot/automatic braking) are installed in the grips of main and auxiliary drum control levers. And an engine throttle control is built into the grip of the swing control lever, for fingertip command over engine speed.

- Fuel-efficient automatic engine deceleration system
  - With the Auto-Decel selector engaged, the system senses hydraulic pressure, reducing engine speed to idle speed when the crane is inactive.

- Stacking type counterweights
  - Counterweights are stacked on the tail of the tumbler, for excellent stability, efficient transport, and safe and easy assembly/disassembly. Weights—seven blocks of up to 14.7 ton—are secured directly to the tumbler with pins and wedges.