

# KA-1300SL



**KATO**

## Featuring

- KATO's most advanced main boom, a 52m long and small deflection main boom.
- Hydraulic controlled 4-section, Super luffing fly jib.
- A long stroke vertical cylinders for the outrigger.
- Reliable 2 engines system.



\* Onsite travelling profile

*All Terrain*

# KA-1300SL



KA-1300SL

Crane *130t*

## 6-Section Super Boom

# Superior

Fully hydraulic powered 6-section main boom is aimed for flexible lifting applications.

### ■ Boom lifting capability

- Maximum lifting capacity ..... **130t x 2.5m**
- Boom length ..... **11.8m - 52.0m**
- Maximum lifting height ..... **53.1m**
- Boom maximum derricking angle ..... **85°**
- Max. rated lifting capacity with full boom..... **12.0t**

High power and fine operation.  
2 speeds selectable system for fine operation and quick response. (Derrick operation)



# Operability



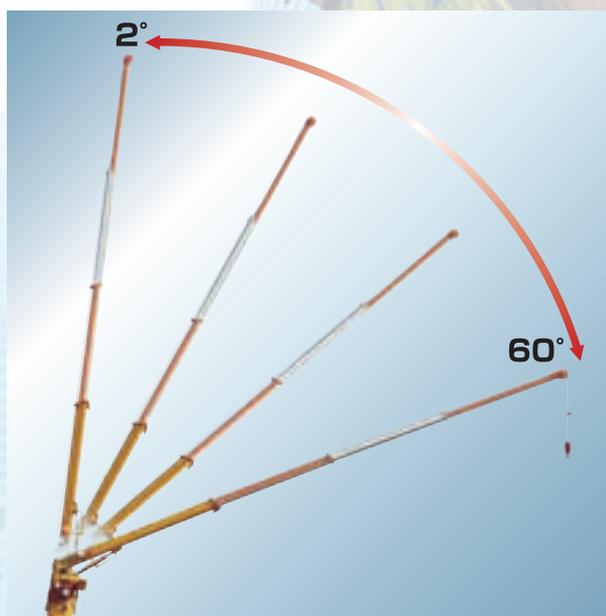
Rigging 4-section  
**Super Luffing  
 Jib**



High rigidity round shape 4-section hydraulic telescopic fly jib, the offset angle can be controlled by hydraulic cylinder from 2 to 60 degrees from the operator's cabin.

● Fly Jib offset angle **2° - 60°**.

■ Fly Jib lifting capability	
● Max Fly Jib Length .....	<b>26.6m</b>
● Max. lifting height from ground .....	<b>79.6m</b>
● 52m+26.6mSL (2°) At Max. lifting height .....	<b>2.0t</b> (same lifting capacity up to working radius of 30m)
● 52m+26.6mSL (60°) .....	<b>0.75t</b> From max derrick angle to working radius of 34m, radius up to 30m.
● 52m+20.8mSL (45°) .....	<b>1.15t</b> At working radius of 50m.



## Speedy jib rigging within a short time

● A compact tail swing radius!

■ Crane performance with counter weight on carrier	
● <b>9.3t x 20m</b> (52m main boom lifting)	
● Tail swing radius .....	<b>3.3m</b>





# Smooth Mobility

## New engine

- Deploys clean, low, fuel consumption, high output engine that uses electronically controlled fuel injection system.
- The engine complies with European exhaust emission off highway EU Stage III A.

■ Max. output
● 390kW/ 1800min <sup>-1</sup>
■ Max. torque
● 2400N•m/1080min <sup>-1</sup>

■ Max. output
● 140kW/ 2200min <sup>-1</sup>
■ Max. torque
● 725N•m/1600min <sup>-1</sup>

## Extremely small inner wheel difference, 10 wheels steering system.

- [Crab steering](Counter steering) can be selected easily by operating the switches in the cabin, allowing smooth entry even in confined worksite.
- Width of theoretical ..... **7.0m**  
minimum intersecting aisle  
(Worksite travelling profile)

## Carrier suspension adjustment system.

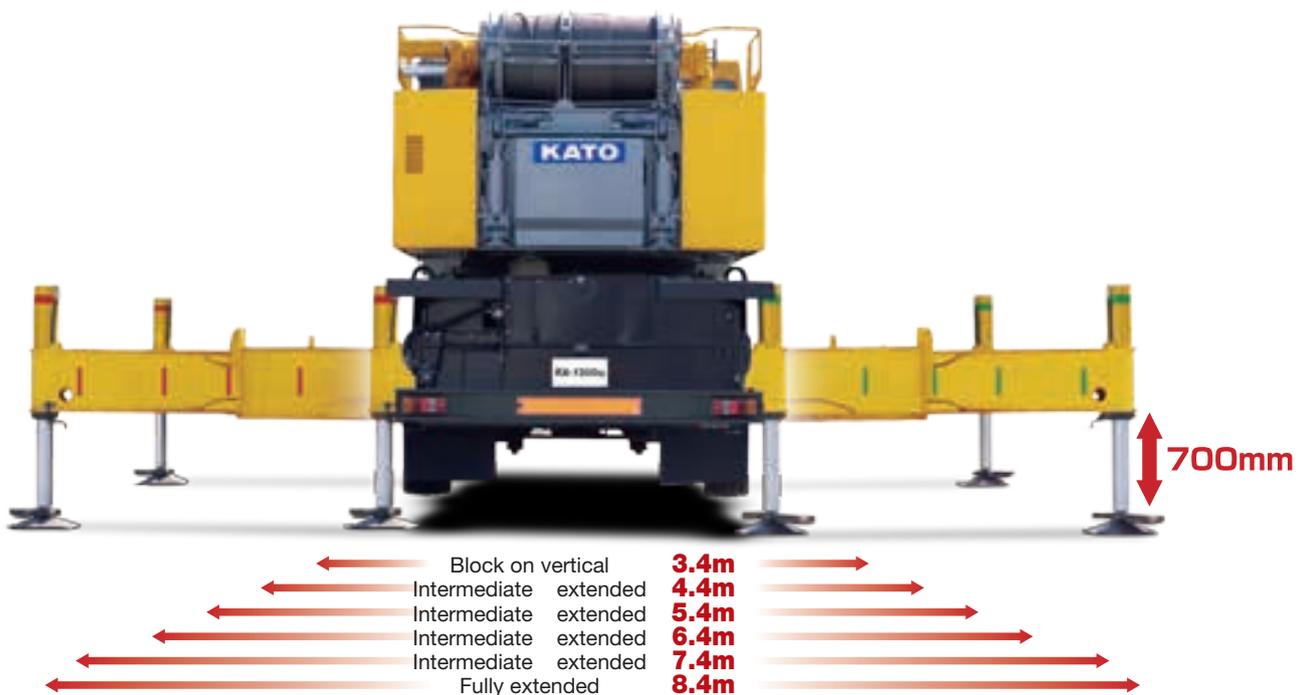
- The carrier suspension height can be adjusted in the front/rear or left/right direction to match the ground surface of the worksite, by extending/retracting the suspension cylinders.

## Safe braking system.

- For a long down hill driving, Hydraulic retarder, Engine exhaust brake as well Engine's decompression brake system are equipped and ensuring the safety.

## 6-Stage Outrigger's span selection.

- Long stroke vertical cylinders.  
Stroke ..... **700mm**



# Superior safety



▲ Operator cabin

**Wide views, levers positioned for excellent operability. Operator cabin that is focused on comfort.**

- The crane operating levers are positioned as the same as the KATO's rough terrain cranes. Very handy for operators who also operate KATO's rough terrain cranes.
- Reliable and fine operation by hydraulic pilot control system.
- High visibility operator's cabin.
- Tiltable crane operator's cabin (0-15 degrees), very useful for high lifting height operations.



▲ Up to 15° tilt type



▲ Good travelling view - carrier cabin

# Enhanced with the Most advanced equipment.

## KATO ACS-Safe Load Indicator

- Large size bright color display provides necessary information for crane operation, such as operating condition, safety status and rated lifting capacity etc. which can be shown simultaneously in a simple manner. Also useful additional functions, for example "Working range limit", are equipped with the KATO ACS (Automatic Crane Stopper).

- Remote angle controlled working lamp is equipped on top of base boom for night operation, which can be controlled from crane operator's cabin.



▲ Remote control operation lamp



▲ Anemometer (option)

# KA-1300sL



▲ Right side



▲ Front



▲ Left side  
\* Onsite travelling profile



▲ Rear

<http://www.kato-works.co.jp>

\* Study and follow the local regulation for driving position regarding mounting of the Superstructure, boom and counterweight(s).

\* Before you use the crane, study the instruction manual thoroughly and follow the instructions it contains.

\* Some differences may arise between the machine delivered and the photographs in the catalogue due to the country the crane will be used in or any added improvements.

**Note:** The specification may be changed without notice.

\* The actual colours of the body and the interior may appear slightly different from those shown in this catalogue due to the limitations of photography and printing.

● Address inquiries to:

**KATO** **KATO WORKS**  
**CO.,LTD.**

9-37, Higashi-ohi 1-chome, Shinagawa-ku, Tokyo 140-0011 Japan,  
Tel: Head Office Tokyo (03)3458-1115 (Main)