





IC SERIES CRAWLER CARRIER

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- Before you operate the machine, study the instruction manual thoroughly and follow the instructions it contains.
- Some differences may arise between the machine delivered and the photographs in the catalog due to any added improvements.  
Note: The specification may be changed without notice.
- The actual colors of the body and interior may appear slightly different from those shown in this catalog due to the limitation of photography and printing.

● Contact for enquiry:

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IC SERIES CRAWLER CARRIER



**KATO**

# Powerful & Compact + Comfortable!

The Crawler Carrier with Strong Power and Comfortable Controls

- Single joystick for controls
- Rotating operator seat
- Full-open engine cover
- Compact body for 3,700kg payload
- 4-post ROPS canopy
- Electronic travel control system for better fuel efficiency



- Rated Output : 46kW/2,700min<sup>-1</sup>
- Machine Weight : 2,910kg
- Payload : 3,700kg

## Comfortable and Detailed Operate System

### Single joystick for controls

- Precise travel control with only one hand



Switches are concentrated in the easy-access area for easier control.

◀ Concentrated switch layout

## Compact Body with Immense Power!



Max Payload: **3,700kg**  
**Overperforming payload** for a 3-ton class

- Engine Output Optimized
- Power Train Optimized
- Structure Optimized

## Electronic Travel Control System for Smooth Travels



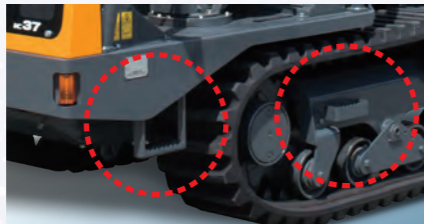
- An electronic control system controls the joystick to the hydraulics pump for achieving optimal hydraulic flow. There is no need to worry about engine stalling at all.



## Safety Features in Every Corner

### ROPS Canopy as a standard feature

Designed for the efficiency of the operator's workflow.



▲ Easy to access steps



▲ ROPS canopy

### Protecting Operators in Emergency



▲ Gate lock, travel position



▲ Lock position



▲ Emergency stop switch



▲ Emergency vessel reset valve

For lowering the vessel during engine trouble

### Safe and Strong Crawlers

The wide rubber crawlers ensure safe travels in rough territories.

Strong rubber crawlers for challenging environments ▶



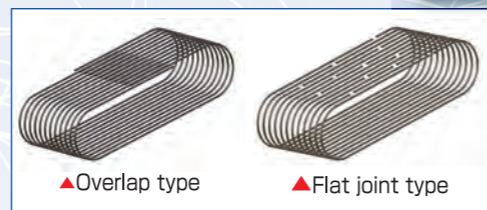
▲ Fixed rollers for excellent stability

## Going for Elite Level Fuel Efficiency

### Optimized engine and structure for maximum efficiency



- EU Stage V engine
- Flat joint rubber crawler
- Electronic travel control system



▲ Overlap type

▲ Flat joint type

The flat joint type has less friction than the overlap type; thus, less fuel is required for travel.



## Stable and Comfortable Body Position for Operations

### Rotating seat for more leg space

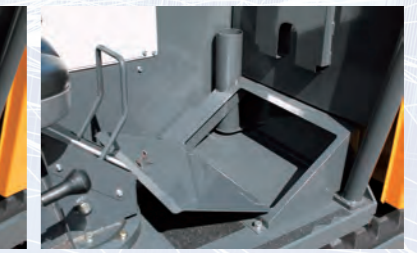
The rotation axis is in the middle, so operators have more legroom.

Whether going forward or backward, it's always comfortable to drive.



### Enormous Footrest for Stable body position

Two big footrests are present for both seat positions, and one can be used as a toolbox to store various tools, such as a grease pump.



▲ Footrest and toolbox at the same time ▲

### 2-step Precise Control Switch



Normal and low-speed modes can be chosen for travel and dump speeds. Operators can choose which speed fits the situation best.

### Auto 2-gear Change

When in 2nd gear for travel, the system automatically changes to 1st gear if the load becomes too much for the engine.

### Engine Stall Prevention

The control system automatically prevents overload on the engine. Operators don't need to worry about engine stalls anymore.



# Maintenance Becomes Much Easier

## Full-open Engine Cover

The full-open engine cover allows operators to check every corner of the engine room easily.



Full-open engine cover ▶



▲Maintenance hatch



▲Cooling Units

The sprocket is replaceable when the shoe is attached.



3-part sprocket ▶



▲Footrest + battery cover

The cover for the battery can also be a footrest when closed.

## Sloped Surfaces for Easy Cleaning

Various sloped surfaces on the frame ensure cleanliness and high durability.



▲Sloped crawler frame



▲Sloped vessel frame

## Main Specifications

Model	IC37-5
Spec	Standard
Payload	3,700kg
MachineWeight	2,910kg
Vessel Capacity	2.0m <sup>3</sup> (heaped) 1.4m <sup>3</sup> (struck)

### Travel

Travel Speed	6.3 / 10km/h (Low/High)
Gradeability	36% (20°)
Ground Pressure	26kPa (0.26kgf/cm <sup>2</sup> ) Vessel Empty 60kPa (0.61kgf/cm <sup>2</sup> ) Maximum Payload

### Engine

Name	Kubota V2403
Exhaust Standard	EU Stage V / EPA Tier4 final
Rated Output	46.1kW (62.7PS) / 2,700min <sup>-1</sup>
Maximum Torque	193.4N·m (19.7kgf·m) / 1,600min <sup>-1</sup>
Aftertreatment System	DPF (Diesel Particulate Filter)

### Hydraulics

Hydraulic Pumps	Variable Plunger Pump (Travel 2), Gear (Vessel 1)
Set Pressure	Travel : 34.5MPa(352kgf/cm <sup>2</sup> ) Vessel : 20.6MPa(210kgf/cm <sup>2</sup> )
Flow Rate	Travel : 76L/min Vessel : 44L/min
Travel Motor	Variable Plunger Pump

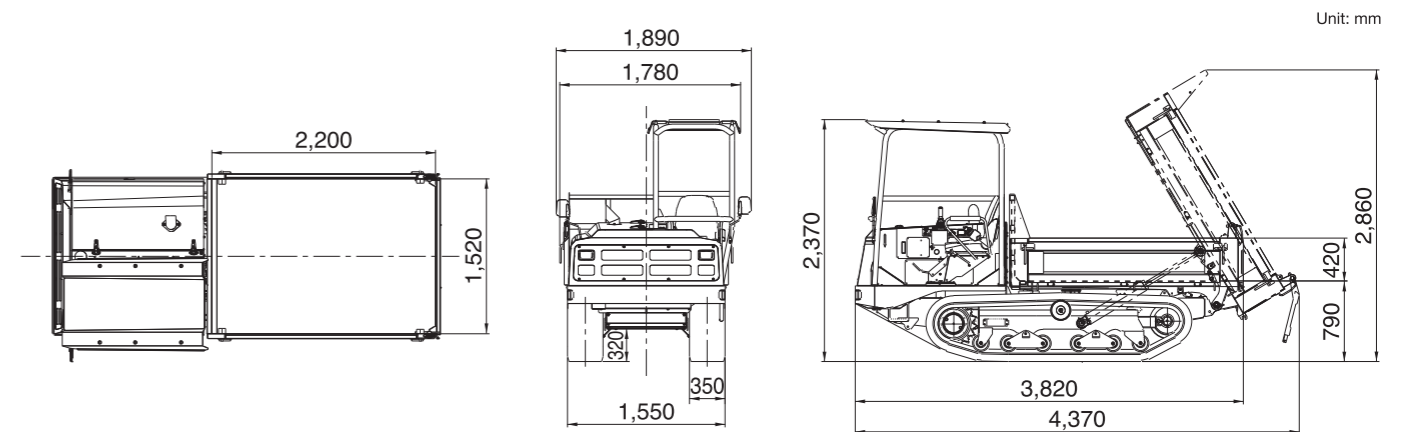
### Tanks

Oil Tank	40L
Fuel Tank	71L

### Battery

Starter Motor	12V — 2.0kW
Battery	12V — 64Ah
Alternator	12V — 480W

## Dimensions



## Equipment

Vessel	Flat Vessel (3-way open)
Operation	Seat belt, 12V Power Socket
Controls	Joystick Lever, Vessel Grip Switch
System, Others	Horn, Travel Alarm, Front Lights, Operator Seat, Angle Meter, Auto Idling, Engine Emergency Stop, Vessel Emergency Reset Valve
Option	Flat Bed Vessel

