

MECH-N-AIR

Construction & Access Equipment

SALES | SERVICE | TRANSPORT | MODIFICATIONS | MAJOR CERTIFICATION

Fully equipped workshop with drive through access & onsite breakdown / maintenance.
Construction & access equipment major certifications are completed in our workshop.

New & secondhand construction & access equipment including:

Excavators, skid steers & dumpers, scissor lift, boom lifts, leg rammers, trowels, pumps, saws, compressors and custom fabrications.



AUTHORISED DEALER



TRACTO

EWPA

TSHA

TRANSPORTATION

We have a custom built Kenworth tilt tray and low loader for all your transportation requirements.



ic 37.5

IC SERIES CRAWLER CARRIER



KATO

ic 37.5

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IC SERIES CRAWLER CARRIER



Web site

kato-works.co.jp



/ KATO WORKS OFFICIAL

[youtube.com/user/katowork](https://www.youtube.com/user/katowork)



Instagram

[instagram.com/kato_works_official/](https://www.instagram.com/kato_works_official/)



- 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.
- 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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**QUALITY & EXPERIENCE
SINCE 1895**

Powerful & Compact

+ Comfortable!



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

Compact Body with Immense Power!



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

- Engine Output Optimized
- Power Train Optimized
- Structure Optimized

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

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

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



▲ Gate lock, travel position



▲ Lock position

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



▲ Emergency stop switch



▲ Emergency vessel reset valve

For lowering the vessel during engine trouble

▲ ROPS canopy

Protecting Operators in Emergency



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.



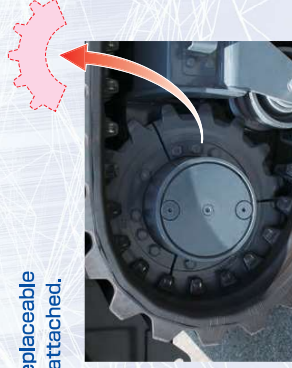
Full-open engine cover ▶



▶ Maintenance hatch



▶ Cooling Units



3-part sprocket ▶

The sprocket is replaceable when the shoe is attached.



▶ 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

Travel

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

Hydraulics

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

Tanks

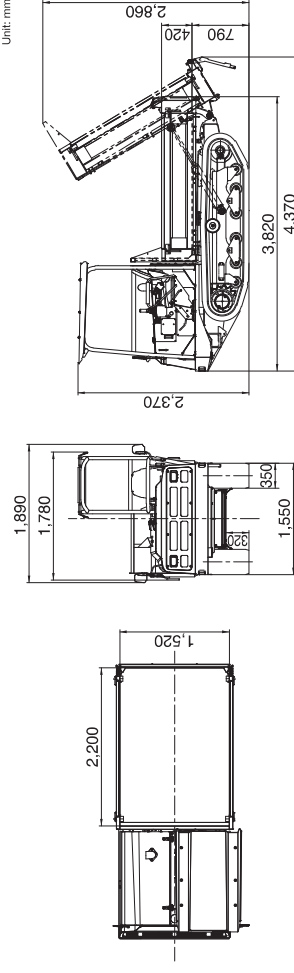
Oil Tank	40L
Fuel Tank	71L

Battery

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

Dimensions

Unit: mm



Equipment

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

