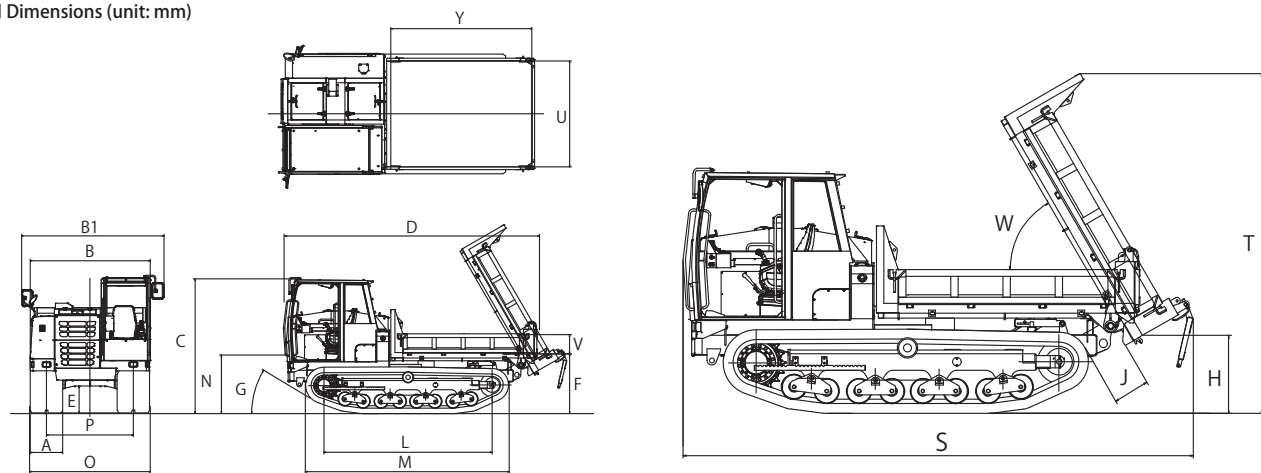


■ Dimensions (unit: mm)



■ General Specifications

Model		IC55
●Payload		5000kg
●Machine Mass		6440kg
●Travel Speed	Low	0~10km/h
	High	0~12km/h
●Engine	Model	KUBOTA V3800
	Rated Output	78.3kw/2400min <sup>-1</sup> (106.3PS/2400min <sup>-1</sup> )
	Displacement	4-3769cc
	Type	Direct-Injection Turbo
●Fuel Tank		150L
●DEF Tank		20L
●Min.Ground Clearance		495mm
●Ground Pressure	Unloaded	22.4kPa (0.23kgf/cm <sup>2</sup> )
	Loaded	40.1kPa (0.41kgf/cm <sup>2</sup> )
●Vessel Capacity	Heaped	3.0m <sup>3</sup>
	Struck	1.8m <sup>3</sup>
●Standard Vessel		Rear Gate Vessel
●Transmission		HST
●Speed Change System		2-Speed Travel Motor
●Brake System		HST + Automatic Parking
●HST Set Pressure		40.0MPa (408kgf/cm <sup>2</sup> )

■ Dimensions

Vessel Specifications			Rear Gate Vessel
Vessel Capacity (m <sup>3</sup> ) JIS		Heaped	3.0m <sup>3</sup>
		Struck	1.8m <sup>3</sup>
B	Width of Upper Machine	without Side View Mirror	2210mm
B1		with Side View Mirror	2620mm
C	Overall Height		2530mm
D	Overall Length		4720mm
E	Min.Ground Clearance		495mm
F	Body Floor Height		1140mm
Y	Vessel Dimensions	Length	2600mm
U		Width	1950mm
V		Height	350mm
G	Approch Angle		37°

■ Dumping

S	Overall Length	5270mm
T	Overall Height	3510mm
H	Body Floor Height	805mm
J	Clearance between Vessel and Crawler Shoe	370mm
W	Dumping Angle	60°

■ Crawler

L	Tumbler Center Distance	3130mm
M	Overall Length	3770mm
N	Height	880mm
O	Overall Width	2200mm
P	Center Distance	1600mm
A	Shoe Width	600mm
	Shoe Pitch	100
	Shoe Number	80 × 2

**KATO**

**Crawler Carrier**

**iC55**

EPA Tier4 Final/EU StageIV Engine



Contact us

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**KATO WORKS CO., LTD.**



# LOW-FUEL CONSUMPTION AND COMFORT

# iC55



LOW-FUEL CONSUMPTION



COMFORT



LOW-EMISSION  
EPA Tier4 Final/EU StageIV Engine



※ This photo is a testing machine.

- Less operator workload with the new electronic control system.
- A new engine meets the latest emission regulations in each country / region and protects the global environment.

- Comfortable and safe operation environment for operators.
- Shorter daily inspection time for customers due to the good structure maintainability.





- 1 Travelling High Performance
- 2 Payload 4,000kg → 5,000kg (1,000kg UP)  
Approach Angle 31° → 37°  
Min. Ground Clearance 475mm → 495mm

- 3 Traction Force and Handling UP  
1st Gear 626kgf/ton → 731kgf/ton 17%UP  
2nd Gear 374kgf/ton → 497kgf/ton 33%UP  
Ground Contact Length of Crawler 1788mm → 1672mm
- 4 Comfort
- 5 Optimized swing link shape in the lower roller. This new design allows the roller to smoothly hug the road surface, enhancing road running performance, even on rough roads.

## New Electronic Control System ▶▶▶ Less Operator Workload

Travel operation is improved according to the situation by the new electronic control system.

### ● Automatic Mode

New electronic control responds to simple joystick and pedal operations, automatically adjusting to the optimum engine rpm and pump flow rate.

Feature

1

#### Less Operator Workload with Smooth Operation

Rotating signals from engine and pumps are used to work together for better vehicle speed control. This limits engine revolution on a downslope.

The CPU receives operating signals to respond effectively to any driving conditions. It helps achieve smooth vehicle startup and stopping. It also accommodates varying load conditions for a smooth drive.

Feature

2

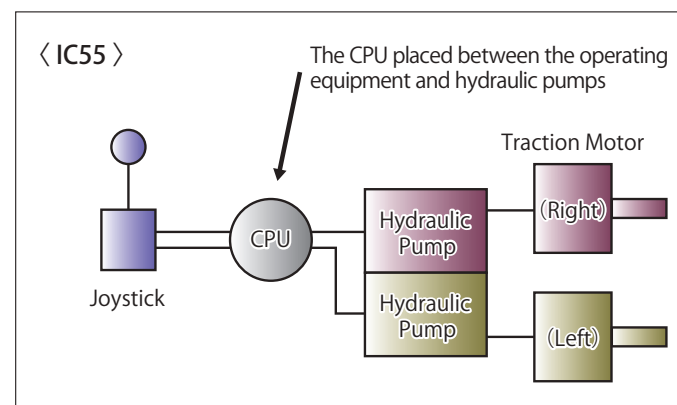
#### Environmentally Friendly Operation

The engine switches to idling when the joystick and pedal are in neutral for better fuel consumption.

Feature

3

#### Overrun Avoidance System



## New Engine ▶▶▶ Protecting the Global Environment

Emission regulations

- EU Stage IV
- EPA Tier4 Final

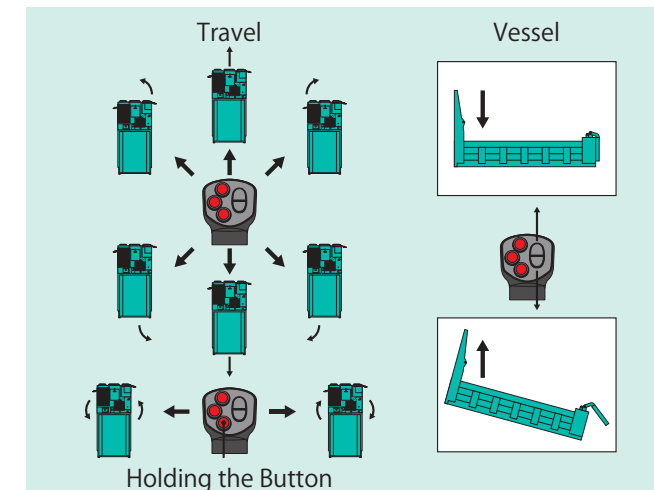
Specifications

- Engine KUBOTA V3800 - TI EF4B (New Engine)
- Rated Output 78.3KW / 2400min<sup>-1</sup> (106.3ps / 2400rpm)
- Fuel Tank Capacity 150L (IC50 120L 30L UP)
- Battery 12V - 72Ah (24V to 12V for Versatility)

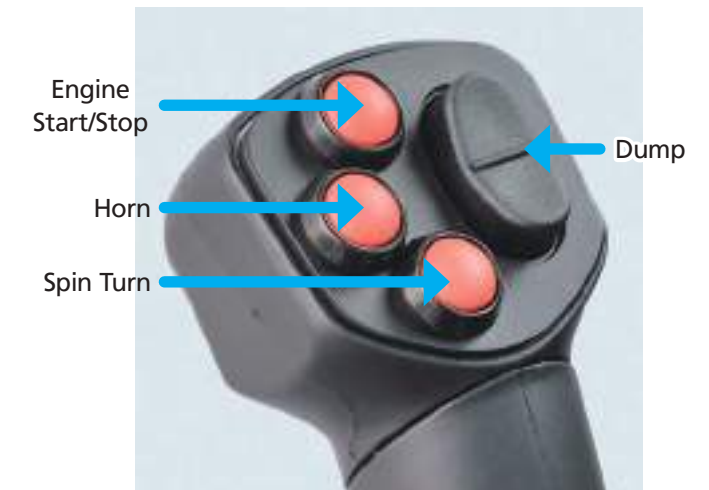
## Comfortable and Safe Operation Environment ▶▶▶ Comfortable and Safe Environment for Operation

Easy operation even with various ways

The left-hand joystick controls the essentials: Drive, engine start/stop, and horn. This allows the operator to drive the vehicle and operate dumping without switching the joystick doing all this while seated comfortably in the cab.



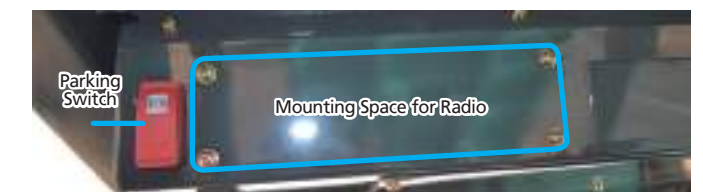
Operational system with the joystick lever



Safety

### Misoperation Preventing System

Switches for infrequently used functions have been moved to a higher position in order to achieve a clean, simple operating space.



### Travel Speed Volume

When adjusting the running speed mainly with joystick, you can adjust the maximum speed with this dial. If you want to slowly travel in a narrow area, turn the dial to the "turtle" side, making driving easier.



### Engine Speed Volume

#### 2-Speed Switch

ON : Second Speed  
OFF : First Speed

Direction Indicator

Emergency Stop





## Easy for long driving in comfortable operating space

The windshield and the left door glass are wider, and ensure visibility in the front and rear. This makes it easier to confirm the dump work.



Comfortable Travel Operation



Safety Lever Lock System



Rear Side



Wide Visibility with Open Feeling



Left Side



Front Side

The high-back seat is equipped as a standard feature, the foot space is wide, and a long driving operation is comfortable.



With a relaxed high-back seat and arm rest, fatigue can be reduced even with long driving operations.



Working Light (OPT)



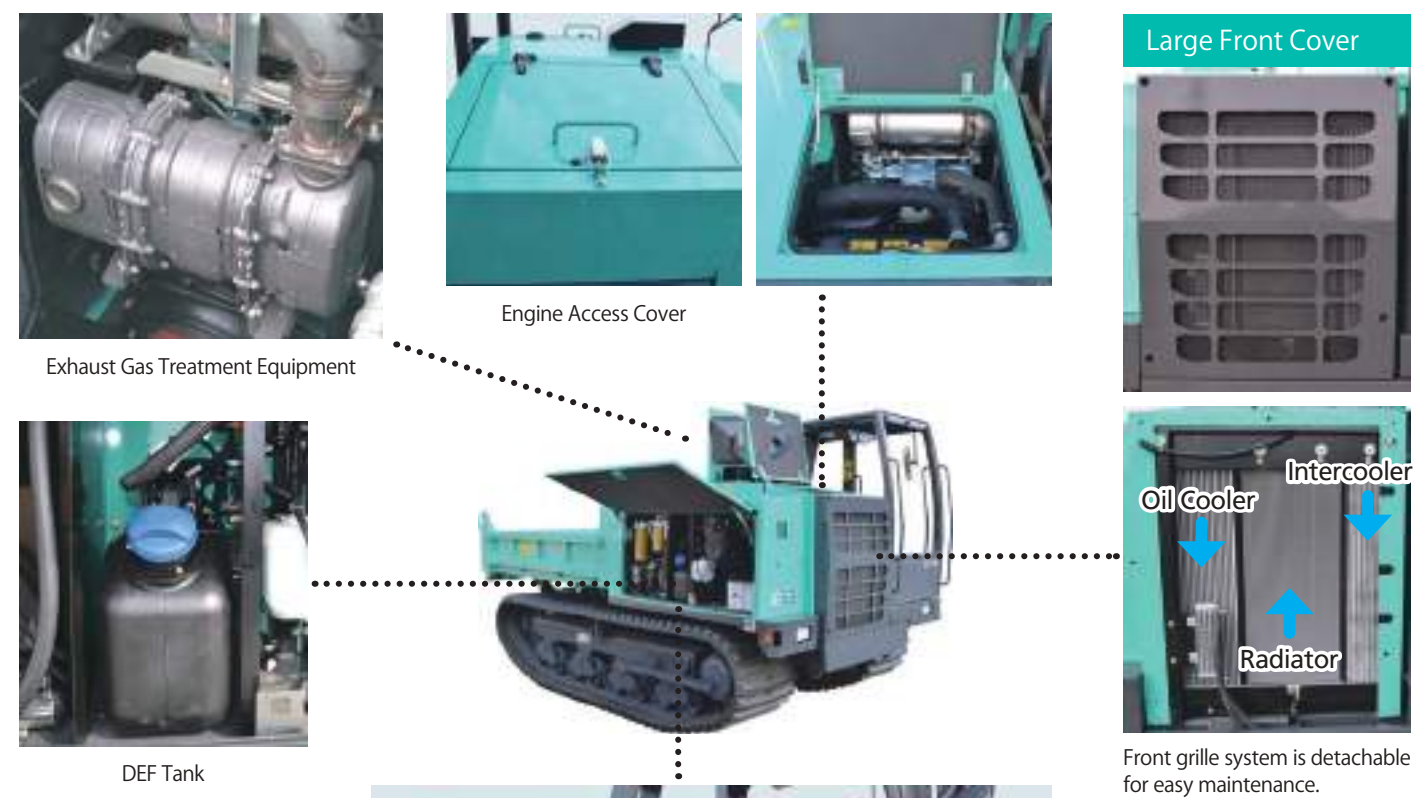
Back Monitor (OPT)



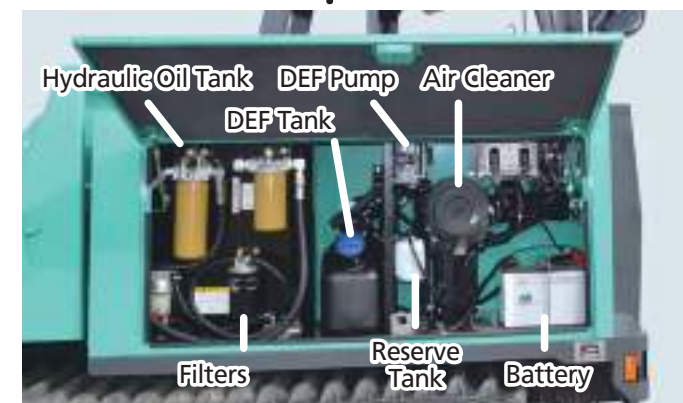
Large Side Mirror (OPT)

## Safe operating room

Both the cabin and the canopy are ROPS compliant. Provides protection for operators from falling. Also equipped with a slope warning device and automatic parking brake as a standard feature.



Fuel Filling Port



Maintenance parts are centralized on the right side.



## Undercarriage 3 split drive sprockets



3 split sprockets can be replaced without removing the rubber shoe.



Mudguard with a triangle flame is improved.



Flat foot space is for easy maintenance.