

IHI

CL35 · CL45

Compact Track Loader



ADVANCED DESIGN

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Distributed by

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CL

CL35

CL45

ADVANCED DESIGN

IHI's CL35 revolutionized the working environment. Now it's joined by the new and powered-up CL45.

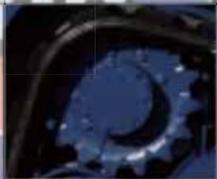
Comfort, easy operation, eco-friendliness, durability, reliability, and easy maintenance. The CL35 pursued the true role of a track loader through various aspects, and as a result, revolutionized working environments around the globe and brought about real changes. And based on opinions gathered from these worksites, we now introduce the new and powered-up CL45. Based on the preexisting rugged mechanical structure and design which delivers a high level of operability and functionality, we incorporated the large-capacity hydraulics system that IHI is renowned for to further boost productivity. Through their rock-solid concept and heavy-duty construction, the CL35/CL45 will once again show you their innovative edge even in adverse working conditions, from the blistering desert to freezing winter environments.



Comfortable Operation



Precision Movement



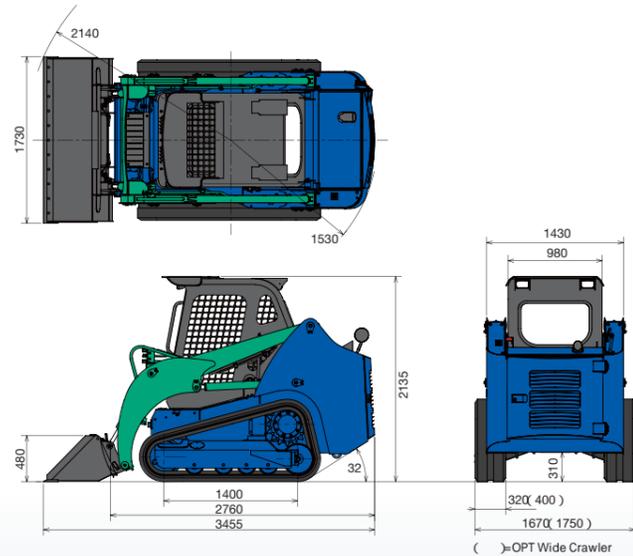
Easy Maintenance



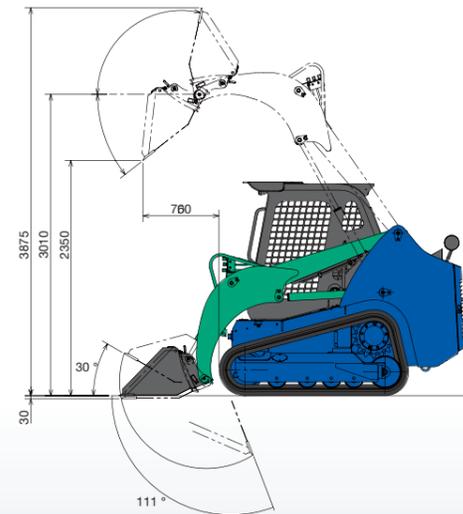
Eco-friendly Design



Dimensions (Unit : mm)



Working Range (Unit : mm)



CL35

Compact Track Loader
Operating Weight : 3550kg



CL35 Specifications

	CL35
Performance	
Bucket Capacity SAE Heaped	0.36 m ³
Bucket Width	1730 mm
Operating Weight	3550 kg
Transportation Weight	3475 kg
Travel Speed (Low)	6.7 km/h
Travel Speed (High)	10 km/h
Gradeability	58% (30°)
Tipping Capacity SAE 732	2230 kg
Rated Operating Capacity* 35% Tip Load	780 kg
Operation Capacity* 50% Tip Load	1115 kg
Ground Bearing Pressure (400mm Crawler)	38.9 kPa (31.4kPa)
Bucket Digging Force	28.6 kN
Engine	
Model	Yanmar 4TNV98
Rated Output	49.0kW (66.7PS) / 2400min ⁻¹
Displacement	3.318 L
Fuel Tank Capacity	91 L
Hydraulic System	
System Pressure	20.6 MPa
Hydraulic Tank Capacity	40 L
Auxiliary Flow	66.7 L/min

*SAE J818

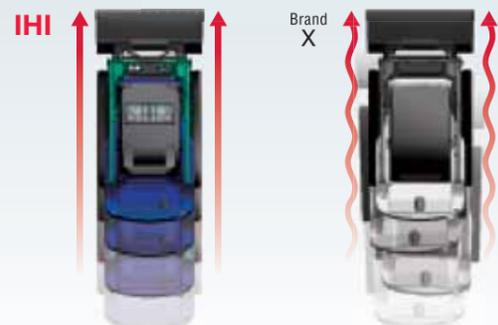
Options

400mm Width Rubber Crawler
ROPS Cabin
Air Conditioner
Throttle Pedal

1 Comfortable Operation



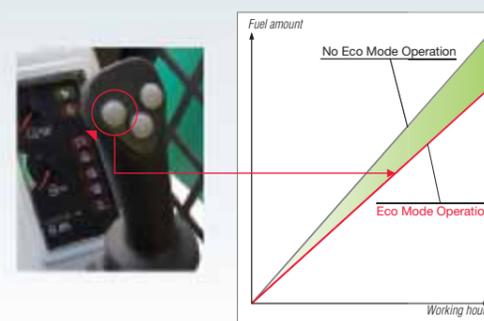
2 Precision Movement



3 Easy Maintenance



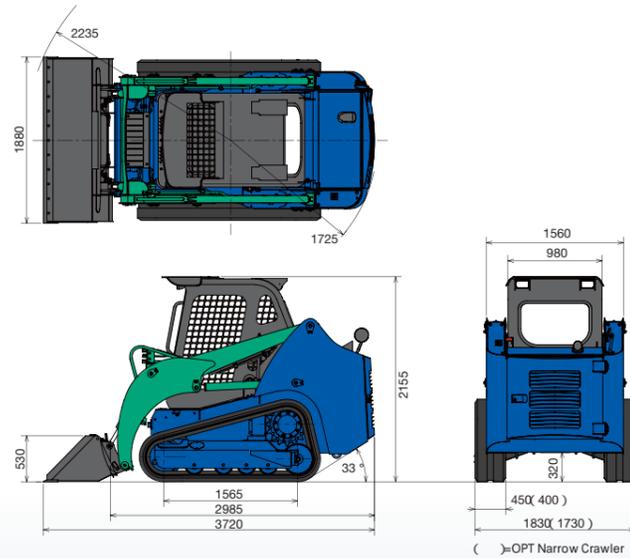
4 Eco-friendly Design



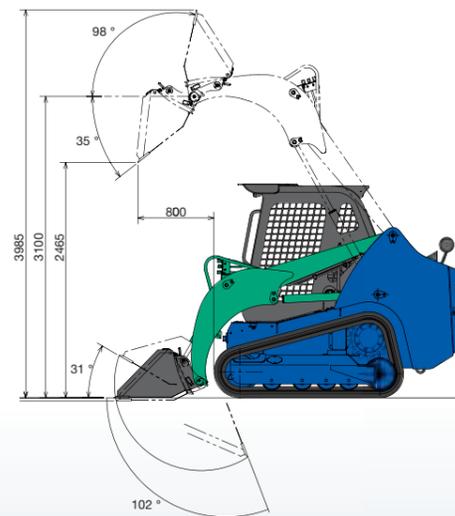
Additional Features

- The eco-friendly engine passes all EPA Interim Tier 4/ EC Stage 3A emission control regulations and offers low-noise operation.
- Large capacity 91-liter fuel tank is equipped for longer hours of operation and less downtime for refueling.
- Use of a hydraulic joystick lever smoothes out travel and attachment operations, contributing to reduced fatigue.
- Various attachments can be installed easily by lever-type quick attachments.
- The tilt-up canopy simplifies maintenance. Tilt-up can be done simply by removing 4 bolts. Since the tilt angle is a wide 70°, it provides ample accessibility for maintenance work.
- Special heavy-duty welding structure has been adopted for the main frame. Tough arm constructed with due consideration to heavy workloads.
- Rubber crawler with its rubber-covered inner running surface reduces roller wear. Since the roller and core metal do not contact directly, driving vibration and noise are minimized.

Dimensions (Unit : mm)



Working Range (Unit : mm)



CL45

Compact Track Loader

Operating Weight : 4585kg

CL45 Specifications

	CL45
Performance	
Bucket Capacity SAE Heaped	0.48 m ³
Bucket Width	1880 mm
Operating Weight	4585 kg
Transportation Weight	4510 kg
Travel Speed (Low)	6.8 km/h
Travel Speed (High)	11 km/h
Gradeability	58% (30°)
Tipping Capacity SAE 732	3290 kg
Rated Operating Capacity* 35% Tip Load	1150 kg
Operation Capacity* 50% Tip Load	1645 kg
Ground Bearing Pressure	31.9 kPa
Bucket Digging Force	36.5 kN
Engine	
Model	Yanmar 4TNV98T
Rated Output	61.9kW (84.2PS) / 2500min ⁻¹
Displacement	3.318 L
Fuel Tank Capacity	91 L
Hydraulic System	
System Pressure	20.6 MPa
Hydraulic Tank Capacity	58 L
Auxiliary Flow	83 L/min
High-Flow(Optional)	139 L/min

*SAE J818

Options

400mm Width Rubber Crawler	Slow Drive System
ROPS Cabin	Hydraulic Quick Hitch
Air Conditioner	High-Flow System
Heater	
Throttle Pedal	

Increased Productivity with High-Flow System (Option)

High-Flow switch is equipped on the left console, enabling more efficient operation using high-output attachments.



High-Flow Line



Asphalt Planer Attachment

1 Comfortable Operation



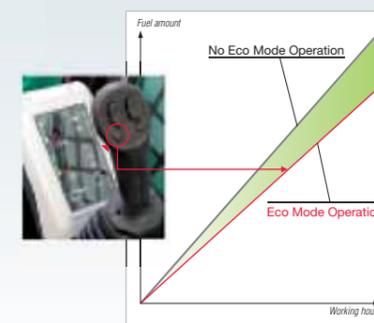
3 Easy Maintenance



2 Precision Movement



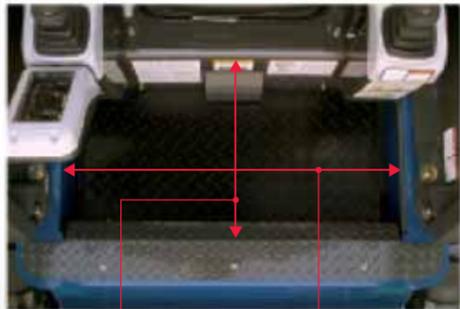
4 Eco-friendly Design



Additional Features

- Equipped with next-generation fuel-efficiency system, featuring a one-touch decelerator to reduce engine revolution at the touch of a button.
- Fuel tank has a large capacity of 91 liters for longer hours of operation and less downtime for refueling.
- The cabin's safety opening door features a sliding glass window to facilitate checking what's in front.
- Use of a hydraulic joystick lever smoothes out travel and attachment operations, contributing to reduced fatigue.
- Various attachments can be installed easily by lever-type quick attachments.
- Segmented sprockets have been adopted for the undercarriage, which is crucial to maintenance. Replacement of the rubber crawlers and sprockets can thus be done with ease.
- The large rear hatch also contributes to easy maintenance, while the lateral layout of the oil cooler and radiator facilitate ease of cleaning. The radiator can be tilted back, making it easier to clean its front side.
- Frame structure has been optimized to enable a highly durable frame and arm to be used.
- Adopts radial link for superior operability, functionality, and less thudding.
- Rubber crawler with its rubber-covered inner running surface reduces roller wear. Since the roller and core metal do not contact directly, driving vibration and noise are minimized.

1 Comfortable Operation



CL35/CL45: Cockpit and Operation Designed for Less Fatigue

The canopy with its wide-open front end allows easy getting in and out, and provides an airy operating space. Designed with the operator in mind, the cockpit provides lots of leg room, void of any pedals because all operations are consolidated onto the joysticks. This design will enable operators to work, seated in comfort, even in harsh operating environments. The one-piece molded high-back operator's seat has a built-in suspension, so the operator will feel less fatigue over time. The monitor and switches have been positioned in an operator-friendly layout based on our commitment to safety.

3 Easy Maintenance

CL35/CL45: Simple Design Addresses Operators' Wishes

A tilt-up canopy has been adopted for easy maintenance. Tilting it up only requires the removal of 4 bolts, and with a tilt angle of 70°, it provides plenty of access room for maintenance work. Segmented sprockets have been adopted for the undercarriage, which is also crucial to maintenance. Replacement of the rubber crawlers and sprockets can thus be done with ease. The large rear hatch also contributes to easy maintenance.



2 Precision Movement



CL35/CL45: Capitalizing on Our Proven Hydraulics System

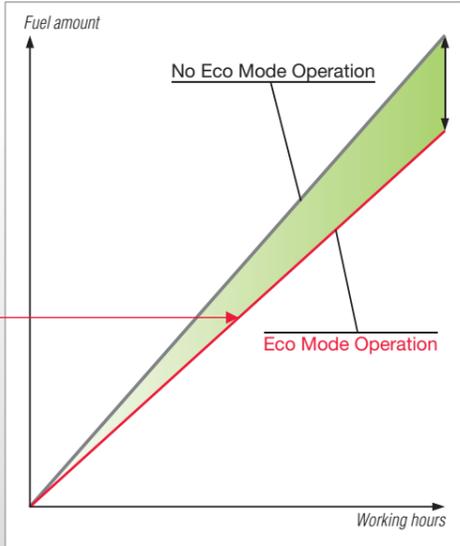
The use of high-performance hydraulics improves travel linearity and reduces wobbling, making it easier to move and yielding higher productivity. Travel and attachment operations are as smooth as silk by virtue of the hydraulic joystick lever, allowing the operator to get more done while experiencing less fatigue. To simplify auxiliary operations, a proportional switch has been equipped as standard on the left joystick.

4 Eco-friendly Design

CL35/CL45: Next-Generation Standard Low Fuel Consumption System

Meets EPA Interim Tier 4/ EC Stage 3A(CL35), EPA Tier 3/ EC Stage 3A(CL45) emission control regulations. A One-Touch Decelerator is equipped to regulate engine output. A simple push of a button will adjust engine speed to 1500min⁻¹ from any current engine revolution.

Eco Mode Button



Eco-Friendly Design

ADDITIONAL FEATURES

● CL35 & CL45

Friendly to Environment

The engine passes all EPA Interim Tier 4/ EC Stage 3A(CL35), EPA Tier 3/ EC Stage 3A(CL45) emission control regulations and offers low-noise operation.



Work is possible for a long time, too. A large-capacity tank

Reduced fuel consumption, coupled with the large-capacity 91 liter fuel tank, means longer hours of operation and less downtime for refueling, minimizing hassle for the operator as well.

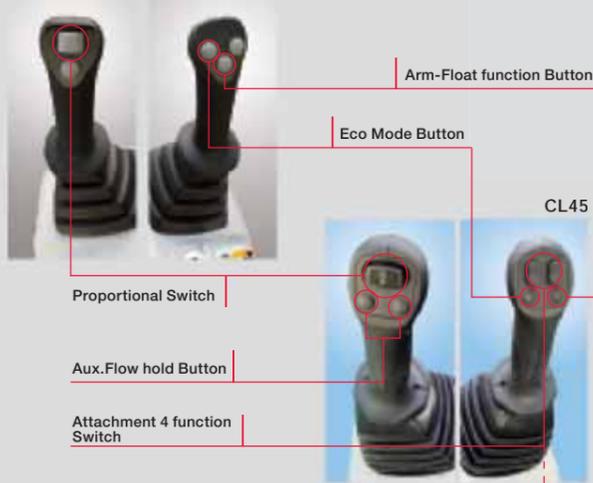


● CL35 & CL45

Arm-Float Function Equipped as Standard

Standard equipped Arm-Float function makes it easy to pack down surface dirt. Standard equipped proportional switch simplifies auxiliary operations.

CL35

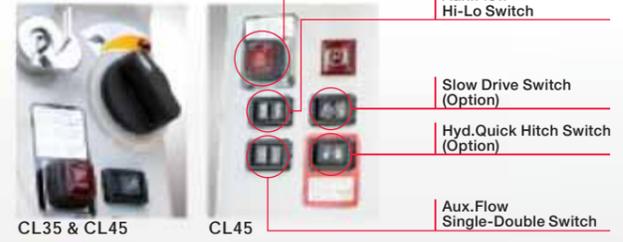


Operation Functions to Match the Working Environment

The left joystick is equipped with a constant flow control switch. The right joystick has a pair of 4 function switches for attachment operations to control attachment's Solenoid valves.

Superior Usability

Electronic engine accelerator is equipped as standard for easier regulation of revolution.



Wide Working Range

Accommodates a wide working range and achieves dumping height tops in its class. Standard equipped Self-Leveling function minimizes spillage while operating the bucket.



32° Departure Angle

Departure angle of 32° is largest in its class, making it easier to load up for transporting.



Wide-Angle Rear Visibility

Well thought-out mainframe design delivers a wide-angle view to the rear spanning from left to right.



CL35:Quick Hitch



CL45:Hydraulic Type(Optional)

● CL45



Attachment 4 function Electric Outlet.



Slidable Front Window

● CL35 & CL45

Easy Maintenance and Cleaning

The tilt-up Rops canopy simplifies maintenance. Tilt-up can be done simply by removing 4 bolts. Since the tilt angle is a wide 70°, it provides ample accessibility for maintenance work.



Operator-Friendly Design for Maintenance Work

The oil cooler and radiator are positioned side by side, making them easy to clean. The radiator can be tilted backward to simplify cleaning its front side.



CL35



CL45

● CL35 & CL45

High Reliability for Heavy-duty Construction

Special heavy-duty welding structure has been adopted for the main frame. Tough arm constructed with due consideration to heavy workloads.



● CL45

Rated Load of 1150kg for Better Stability and Improved Efficiency

The higher rated load capacity enables the bucket to carry a larger load and providing substantial digging power.



Traveling Power is at Top of it's Class

Even in tight spaces and unstable footing, the powerful motor provides sure and reliable travel in low gear, and quick agility in high gear.