



YANMAR

CRAWLER CARRIER

C30R-3

[Gross] 34.3kW <46.6HP>







C30R-3

A carrier ahead of its time



**BUILDING
WITH YOU**

Features of C30R-3

Hydraulic Joystick Lever

Carrier only moves when joystick is pushed and stops when it is released. Travel speed is also controlled by joystick.

Page 10

Large LCD Monitor with LED Backlight

Easy-to-read display showing operating status and maintenance information.

Page 11

YANMAR ENGINE **YANMAR ORIGINAL**

Powerful, reliable and efficient.

Page 7

Auto Deceleration & Eco Mode

Efficient automatic engine deceleration and eco mode reduce fuel consumption.

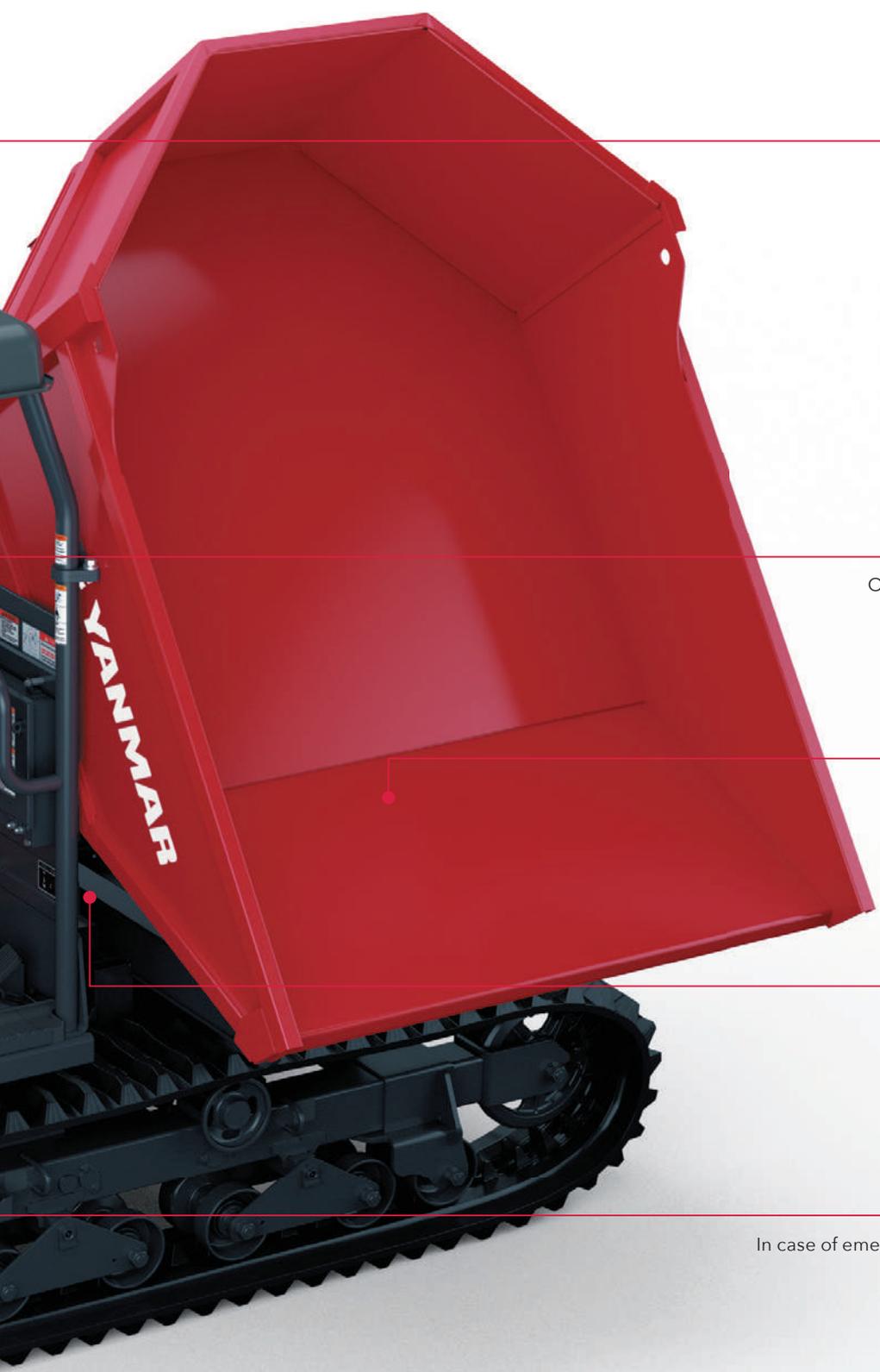
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Unique Powertrain Concept

YANMAR adopted Dual Pump & Dual Motor system to deliver unmatched power.

Page 8





SMARTASSIST Remote

Advanced fleet management system.

Page 13

Reversible Seat Console

Operator seat with travel levers rotates 180°. Always face towards the load.

Page 11

Turning Vessel (Optional)

180° turning vessel enables side dumping in narrow job sites.

Page 14

Speed Sensing Function

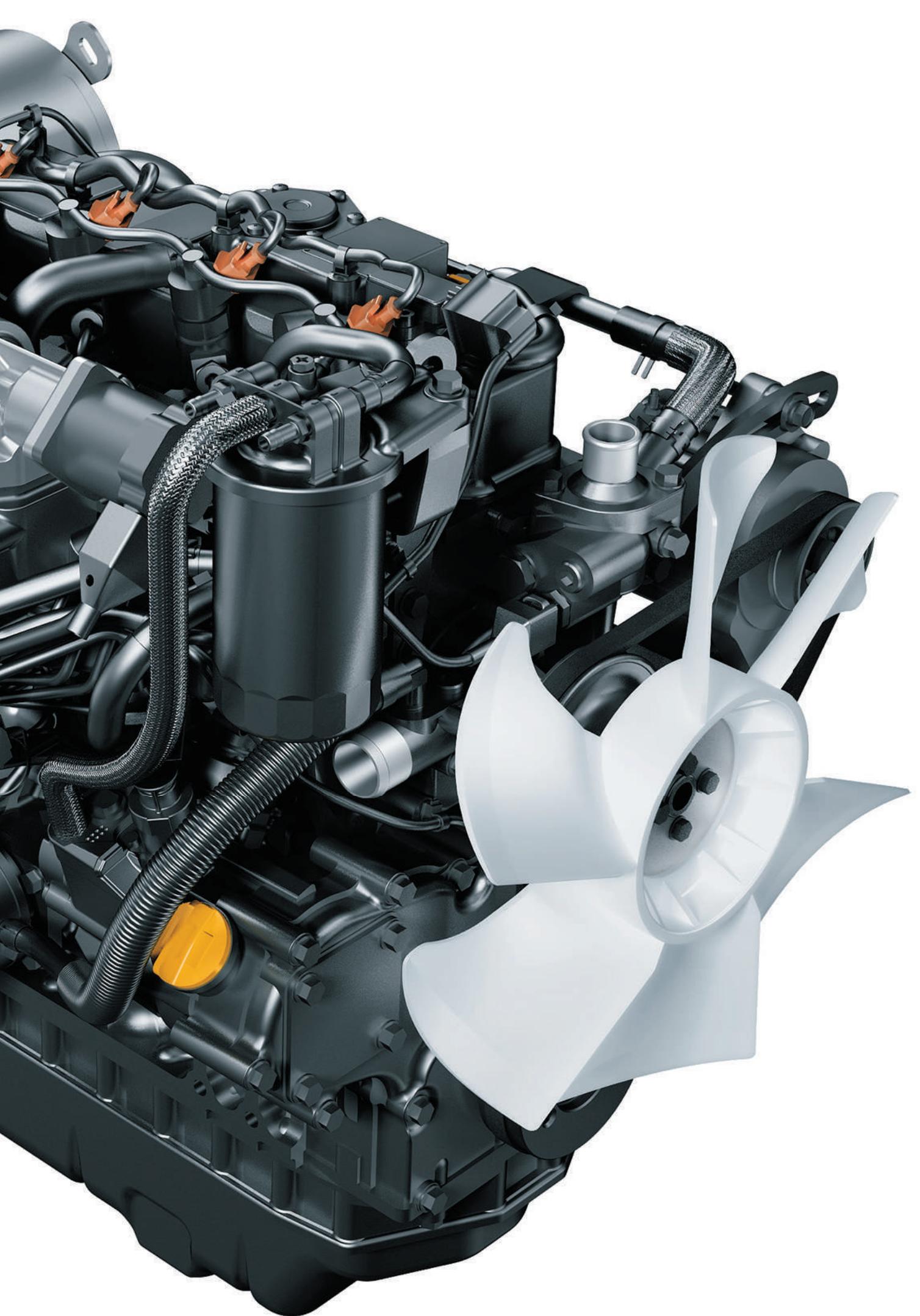
Pump control according to engine speed to reduce load.

Page 9

Emergency Engine Stop Switch

In case of emergency, the engine can be shut down easily with emergency switch.

Page 13



Reliable YANMAR engine designed to deliver powerful output and fuel efficiency

YANMAR Engine

Equipped with powerful and highly fuel efficient engine. TNV engines benefit from the latest electronically controlled direct injection technologies.

Model **4TNV88C-KFW** Output (Gross) **34.3kW**



Common Rail Engine with DPF^{*1}

High precision fully electronically controlled common rail and fuel injection system for fuel efficiency. YANMAR's automatic DPF regeneration technology provides seamless operation, no downtime for cleaning or servicing filters.



Auto Deceleration

After the operating lever has been in neutral for 4 seconds, the engine automatically goes to idle to save fuel.

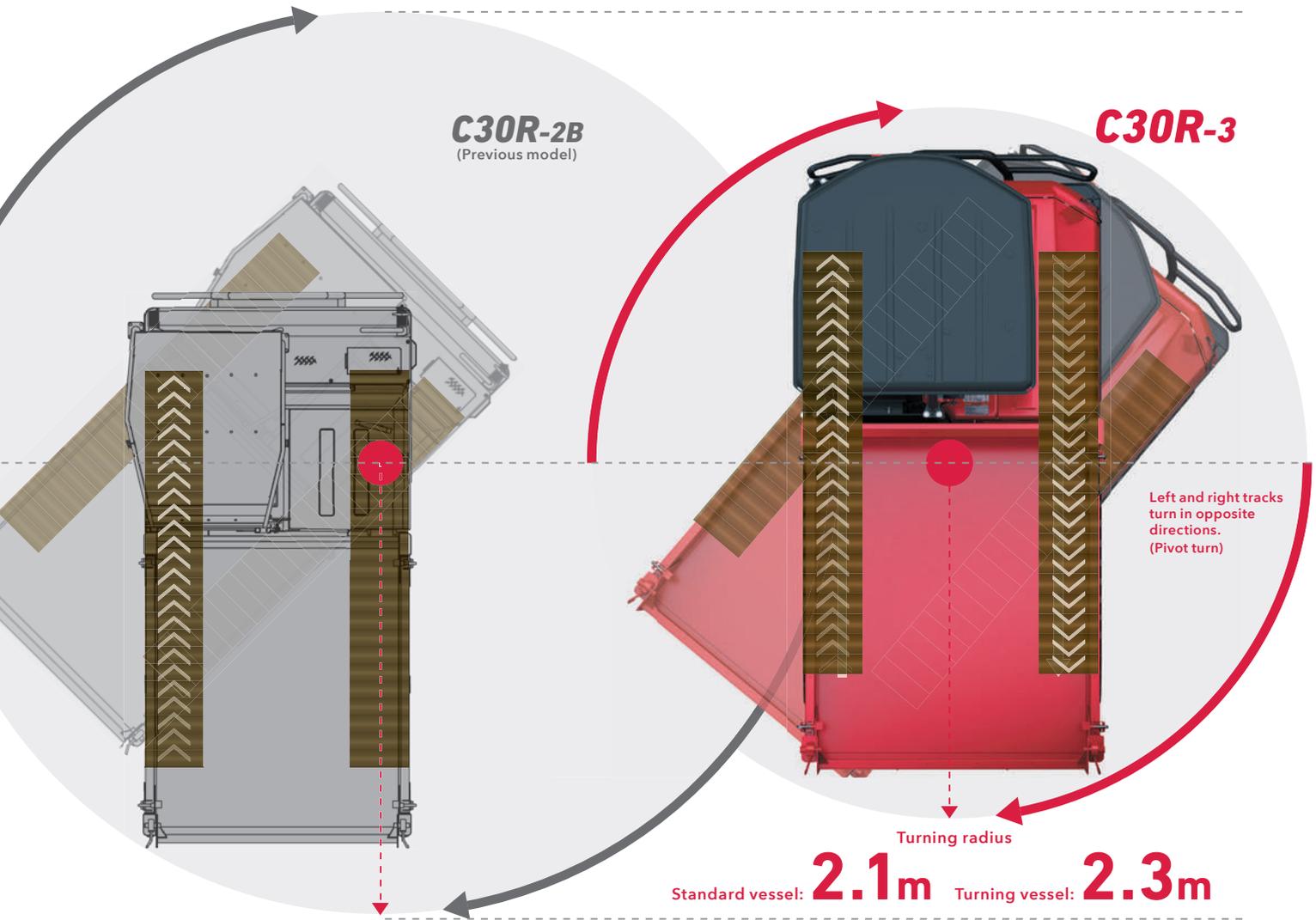


Eco Mode

Lower fuel consumption by reducing the engine speed to 88% from maximum speed.

^{*1}:Diesel Particulate Filter (DPF): is designed to capture diesel particulates to prevent their release to the atmosphere.

Incredibly smooth new powertrain

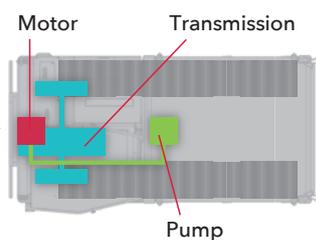


Double Pump and Double Motor

The new powertrain enables pivot turning because each side of tracks can drive independently. As a result, turning radius has been reduced greatly.

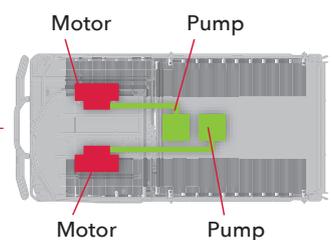
C30R-2B

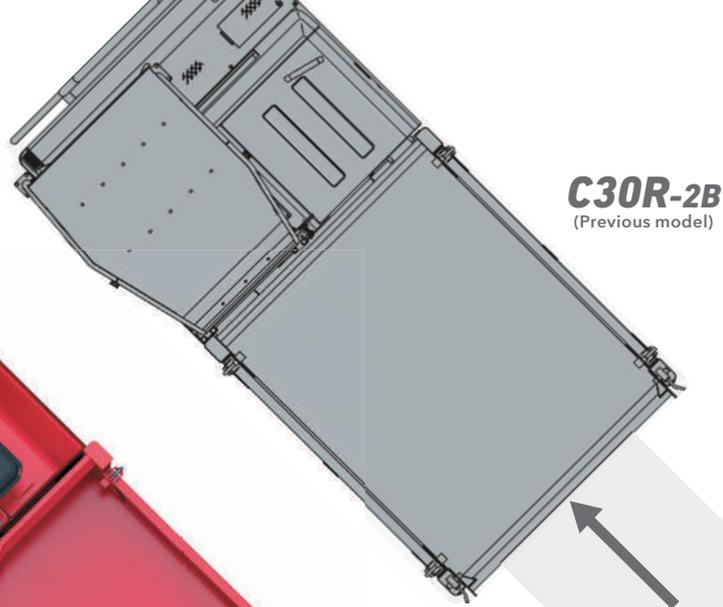
1 pump, 1 motor + Transmission



C30R-3

2 pumps and 2 motors





C30R-2B
(Previous model)



C30R-3

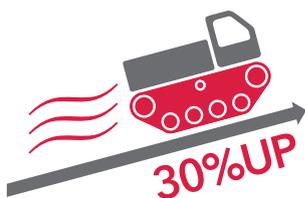
Smooth Traveling

The independent movement of the left and right tracks enables smooth and speedy travel. Enhances productivity and safety.



Speed Sensing Function

The new hydraulic speed sensing feature increases working performance by controlling oil from pump in accordance with engine load. Ensures stress-free operation under heavy loads.

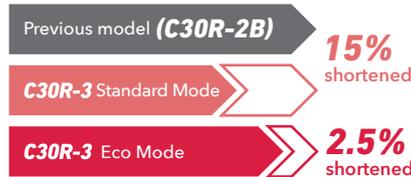


More Power

The new powertrain system delivers more power for traveling on slopes. The travel speed with heavy load has been increased by 30% comparing to previous model. *1

Work Time Efficiency (hr)

Measured in our own method *2



High Efficiency and Speedy Operation

Work efficiency and travel speed has been improved. It gets the job done faster and saves your time.

*1 The figures are measured at 10° slope with maximum load.
*2 The figures may vary depending on the load and road conditions.
The picture of trajectory is for illustration purpose only.

Precision control and ease of use

Left joystick (travel operation)



You can move forwards or backwards, turn left or right, and easily switch* between low and high speed with the dual speed switch.

Right joystick (vessel operation)

Standard vessel type



Turning vessel type



To prevent malfunctions, the operator must press the vessel lock release switch to raise or lower the vessel.

Automatic dual speed switch



Vessel lock release switch



Standard vessel type

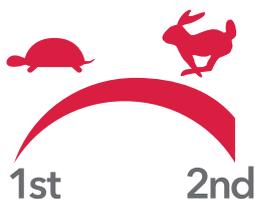


Turning vessel type



*When traveling at high speed, the machine may automatically drop to low speed depending on the payload.

Comfortable operator space



1 Automatic Dual Speed

While driving in 2nd gear, it will automatically downshift when driving load increases, and if the load lightens, it will return to 2nd gear.



2 Dial Accelerator

Fingertip control dial easy to change the engine speed.



3 Large LCD Monitor with LED Backlight

Easy-to-read display showing operating status and maintenance information.



4 Reversible Seat Console

Operator seat with travel and vessel operation levers rotates 180°. Enables operator to face towards the traveling direction.



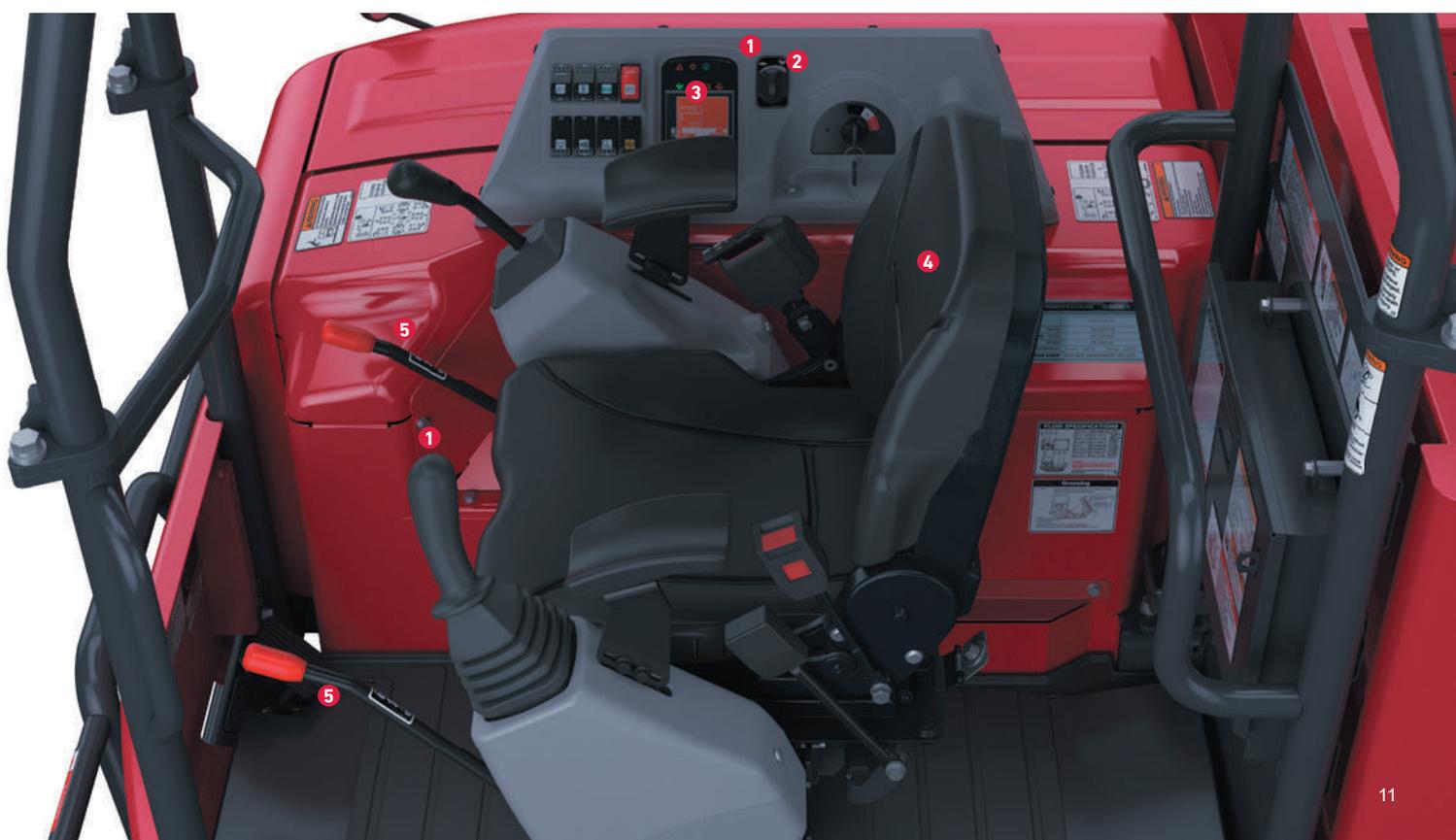
5 Lock Lever and Parking Brake

The parking brake is automatically activated when lock lever is raised. Push the parking brake switch to release the brake. The new system prevents from accidental operations.



External Power Outlet (12V)

The 12V power socket can charge your cell phone and other devices.





680mm [Previous model]

Bonnet width **980mm**

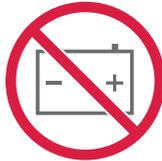
44% larger compared to our previous models

Easy maintenance and enhanced safety



1 Wide-open Bonnet

A large bonnet and excellently organized layout of components ensure speedy daily inspection and maintenance.



2 Battery Cutoff Switch

The battery cutoff switch prevents the battery from draining by turning it off during storage.



3 Large Fuel Tank

The large 58L fuel tank saves your time to refuel.



4 ROPS*1 and FOPS*2 Canopy / Cabin

The protective structure that meets ISO standards minimizes the damage in case of an accident.



Without Transmission

Dual pump and dual motor system replaced transmission system. No transmission means no maintenance. Saves time and cost.

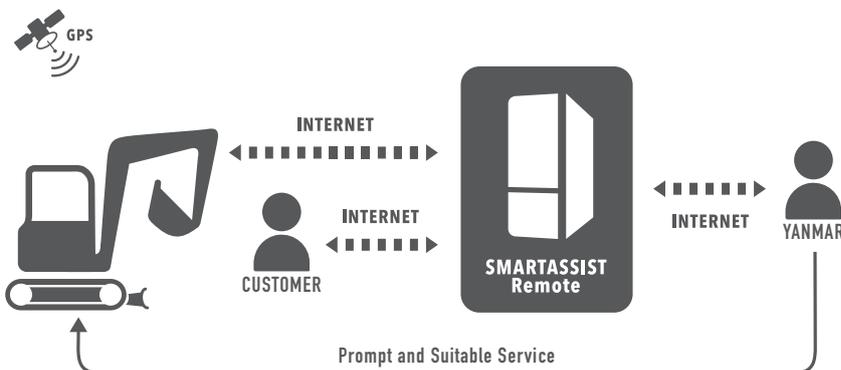


Emergency Engine Stop Switch

In case of emergency, the engine can be shut down easily with emergency switch.

SMARTASSIST

Remote



Our service to avoid machine downtime

SMARTASSIST Remote is a telematic system that provides sophisticated management for construction equipment equipped with a GPS transmission terminal. This system monitors construction equipment remotely and ascertains maintenance intervals and troubles in a timely manner via the Internet, which allows YANMAR to constantly provide the customers with suitable services and support.

*1 Roll-Over Protective Structure (ROPS): A structure to protect the operator wearing a seat belt, in case the machine rolls over.

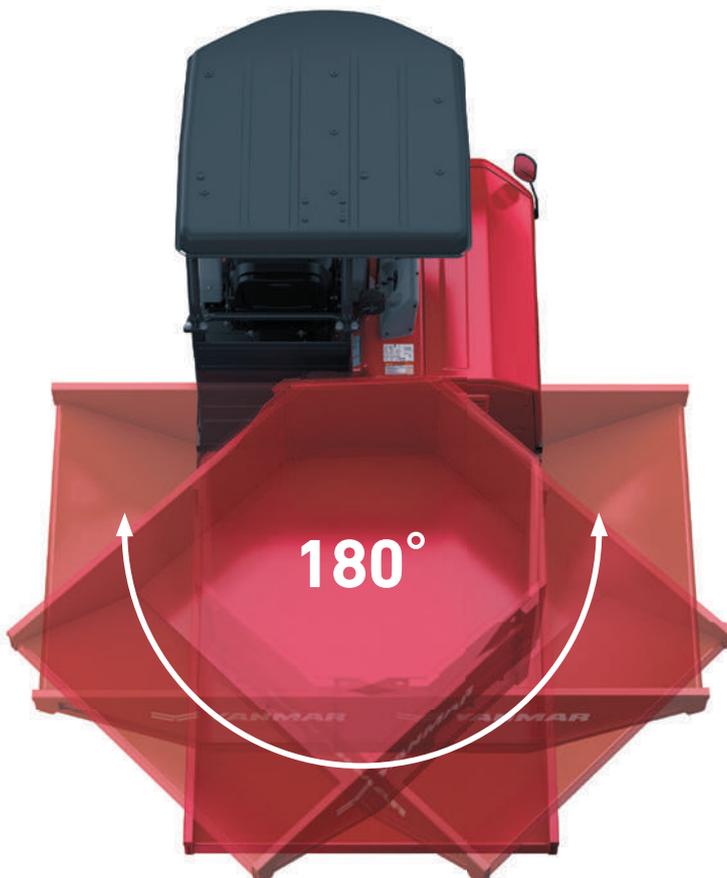
*2 Falling Objective Structure (FOPS): A structure to protect the operator from falling objects.

Vessel selections for your needs



Standard Vessel

The standard vessel has 3-side flaps for easy loading. It has great rear tilting angle of 58° for dumping applications. The rear flap opens and closes automatically while dumping.



Turning Vessel

The vessel is mounted on a turning frame which can rotate 180° (90° left, 90° right). Turning vessel allows carrier to dump the load by driving along a trench and to get to job sites as close as possible. Ensures high productivity and safety.



Overhang length when side dumping **680mm**

Side Dumping with Turning Vessel

Small overhang during side dumping ensures great maneuverability in tight job sites.

YANMAR's recommended parts

ecoY
GUARANTEED QUALITY & DURABILITY

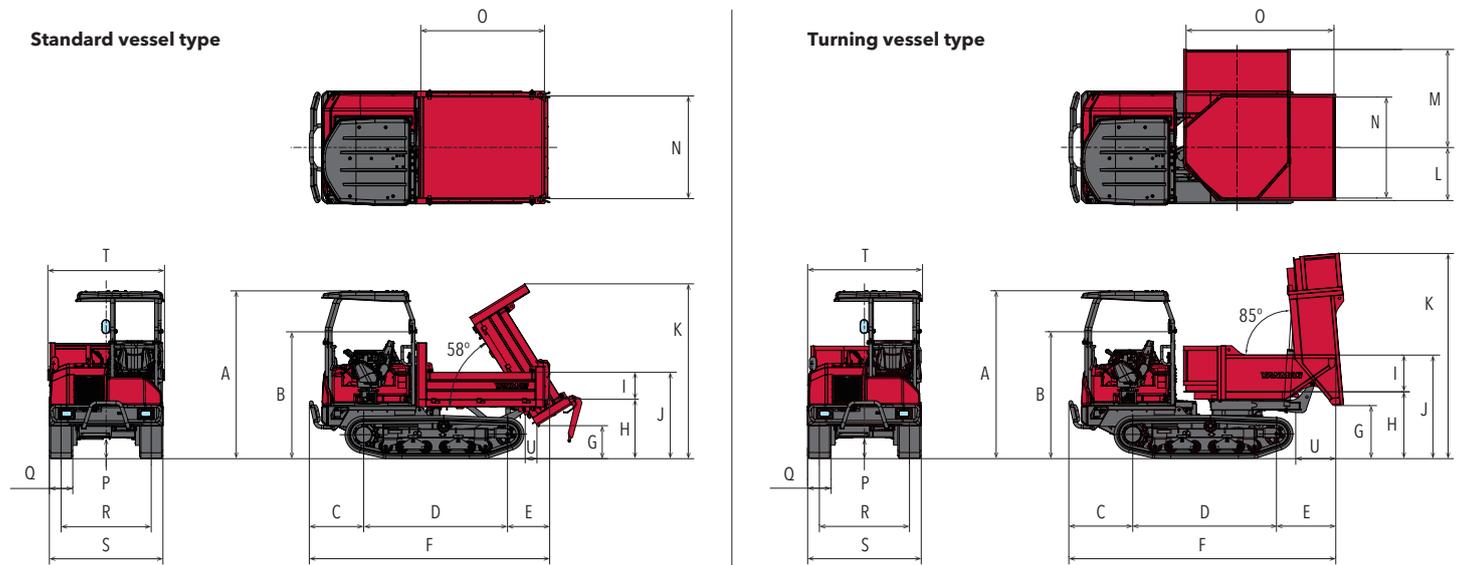
For Rubber Track spec



ecoY Rubber Track



● Dimensions



Unit: mm (in.)

C30R-3	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
Standard vessel	2310 (90.9)	1745 (68.7)	740 (29.1)	1960 (77.1)	580 (22.8)	3280 (129.1)	455 (17.9)	820 (32.3)	370 (14.6)	1190 (46.9)	2405 (94.7)	-	-	1410 (55.5)	1685 (66.3)	265 (10.4)	320 (12.6)	1230 (48.4)	1550 (61.0)	1590 (62.6)	180 (7.0)
Turning vessel	2310 (90.9)	1745 (68.7)	870 (34.3)	1960 (77.1)	810 (31.9)	3640 (143.3)	730 (28.7)	920 (36.2)	505 (19.9)	1425 (56.1)	2820 (111.0)	730 (28.7)	1350 (53.1)	1390 (54.7)	2010 (79.1)	280 (11.0)	320 (12.6)	1230 (48.4)	1550 (61.0)	1565 (61.6)	545 (21.4)

● Specifications

MODEL				C30R-3											
TYPE				Standard vessel				Turning vessel							
WEIGHT	Operating weight			kg (lbs.)				2650 (5842)				2865 (6316)			
	Type				Vertical 4-cylinder water-cooled direct injection diesel engine										
ENGINE	Model			4TNV88C-KFW											
	Rated output	Gross		kW (HP) / rpm		34.3 (46.6) / 2800									
		Net		kW (HP) / rpm		32.5 (44.2) / 2800									
	Displacement			cu.cm (cu.in.)		2189 (133.6)									
PERFORMANCE	Max. travel speed, high / low			km/h (mph)		11 (6.8) / 5.7 (3.5)									
	Gradeability			degrees		30									
	Maximum payload			kg (lbs.)		2500 (5512)									
DUMPING SYSTEM	Dumping angle, rear			degrees		58				85					
	Dumping clearance			mm (in.)		455 (17.9)				730 (28.7)					
	Vessel dimensions, L × W × H			mm (in.)		1685 × 1410 × 370 (66.3 × 55.5 × 14.6)				2010 × 1390 × 505 (79.1 × 54.7 × 19.9)					
	Vessel capacity	Struck		cu.m (cu.ft.)		0.88 (31.1)				1.13 (39.9)					
Heaped		cu.m (cu.ft.)		1.24 (43.8)				1.50 (53.0)							
UNDERCARRIAGE	Track width			mm (in.)		320 (12.6)									
	Min. ground clearance			mm (in.)		265 (10.4)				280 (11.0)					
	Ground pressure	Unloaded		kPa (PSI)		27.5 (4.0)				29.8 (4.3)					
		Loaded		kPa (PSI)		53.5 (7.8)				55.7 (8.1)					
TANK CAPACITY	Fuel tank			L (gal)		58 (15.3)									
	Engine oil			L (gal)		7.4 (1.95)									
	Hydraulic oil, tank / other parts			L (gal)		28 (7.4) / 10 (2.6)				28 (7.4) / 12 (3.2)					
	Coolant, radiator			L (gal)		5.3 (1.40)									

All data are subject to change without notice. Note that the standard equipment may vary. Consult your YANMAR dealer for confirmation.

YANMAR COMPACT EQUIPMENT



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