

# XTRA KOMFORT XTRA REACH



\*According to Off-Highway Research

WORLD'S  
**NO.1**  
\*  
MINI EXCAVATOR  
FOR 20 YEARS

“Experience the premium smooth operation with latest Load Sensing Hydraulics (Single Pump) and Japan quality & durability”

**KX033**

## Kubota Direct Injection Engine

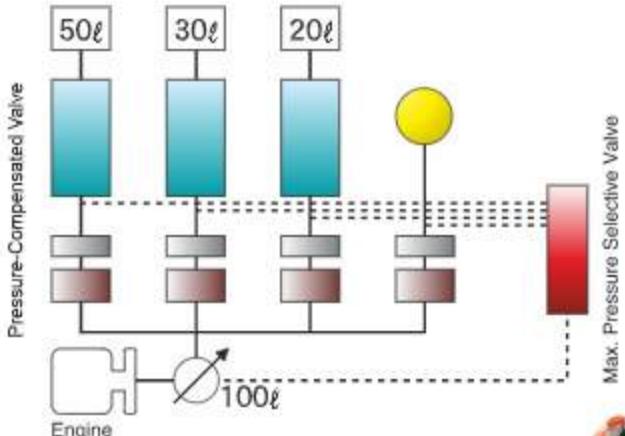


The KX033-4 is equipped with a Kubota Direct Injection Engine. It minimizes the noise, vibration and fuel consumption.

## The One Pump Load Sensing Hydraulics

Improved Fuel Efficiency

Reduced Engine Load



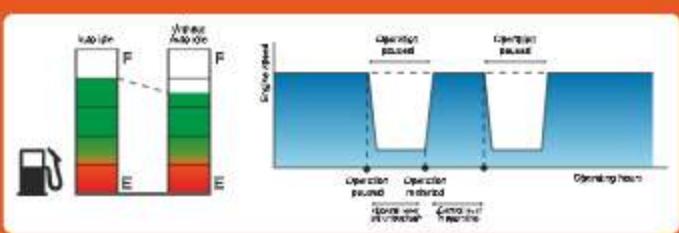
## Third-Line Hydraulic Return

It allows oil to flow directly back to the tank without running through the control valves. It supports in less oil contamination, reduced pressure, and greater oil flow efficiency.

## Auto Idle System

**Auto Idle**

When the control levers are in neutral for more than four seconds, the engine idles automatically and moves any control lever, the engine immediately engages. Kubota's Auto Idle System helps to save the fuel upto 10%. This innovative feature reduces noise, exhaust emissions while reducing operation costs.



## COMFORT FEATURES

### Deluxe Suspension Seat & Arm Rest

Kubota's high back Suspension Seat & Arm Rest has been designed for maximum operator comfort and to minimize fatigue during extended machine operation.

**2 Speed Travel Switch** Operator can shift driving speed from 1<sup>st</sup> to 2<sup>nd</sup> by pressing the button equipped at the top of dozer lever. With this switch, dozing operations can be done faster and easier.

### Digital Panel

Following the excellence of Kubota's Intelligent Control System, the new digital panel puts convenience at the operator's fingertips.



Standard Mode



Warning Mode

### Air Conditioning

Enhanced air circulation in cabin for operator comfort (AC Cabin).



## Easy Maintenance Features



### Full Open Bonnet

Rear and right side opening hoods completely enable easy access to the engine, control valves and other components.

### Covers Under the Pump and Engine

The covers are installed under the pump and the engine to prevent the damage from the ground or any other objects while at machine operations.

### Protected Cylinder Hoses

It prevents damage of Hydraulic Hoses.

### Ease of Transportation

Easily transportable in small trucks and are permitted to run within city limits.

Small Truck	
Machine Overall Width	1550 mm
Truck Bed Width	1800 mm



# Safety Features

## Accumulator

The Accumulator makes replacing attachments safer and more efficient.



## Manual Lock Structure

The Manual Lock Structure is adopted to prevent unintentional operation.

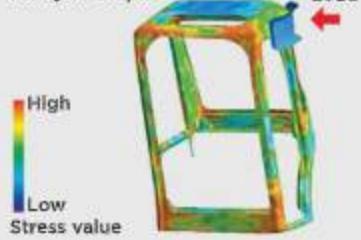
## ROPS/FOPS

The world-class ROPS/FOPS (supplied with seat belts) is used for enhanced operator safety.

Field Test Stress analysis on ROPS (Roll Over Protective Structure) and FOPS (Falling Object Protective Structure) reveal that the following requirements are met:

Required energy absorption capability  
Required load carrying capability  
Ensures operator safe zone

ROPS Stress Analysis Graph



FOPS-I Stress Analysis Graph



## Travel Speed Auto Reduction

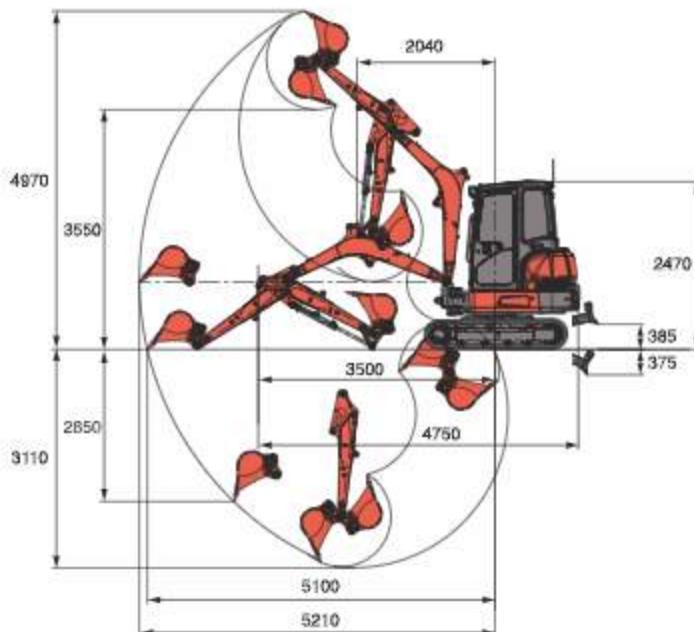
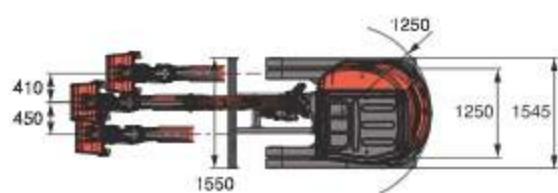
The Travel Speed Auto Reduction is a function which automatically changes the travel speed high to low depending on the travel work load.

## Specifications

Model	KX033-4	
Bucket capacity m <sup>3</sup>	0.10	
Std.bucket width mm	585 mm	
Machine weight	Canopy/ Cabin steel crawler kg	
Operating weight (including operator weight)	3290 / 3460	
Dimensions	Canopy/ Cabin steel crawler kg	3370 / 3540
	Overall length mm	4750
	Overall height (Canopy/Cabin) mm	2490 / 2480
	Overall width mm	1550
	Min. ground clearance mm	290
Engine	Model	Kubota D1803-M-DI-E2-BH
	Total displacement cc	1826
	Rated output (SAE J1995 gross) kW (HP)	20.5(27.5)
Working range	Max. digging height mm	4970
	Max. dumping height mm	3550
	Max. digging depth mm	3110
	Max. vertical wall digging depth mm	2850
	Max. digging radius mm	5210
	Boom swing (left/right) deg	70 / 48
	Min. turning radius (without swing) mm	2040
	Min. turning radius (with swing) mm	1640
	Min. tail turning radius mm	1250
	Max. breakout force (bucket) kN (kgf)	30.2(3077)
	Max. breakout force (arm) kN (kgf)	17.2(1756)
Fuel tank capacity L	47	
Track type	Steel	
Crawler shoe width mm	300	
Travel section	Crawler length mm	2100
	Tumbler distance mm	1660
	Travel speed (1 <sup>st</sup> /2 <sup>nd</sup> gear) km/h	2.5 / 4.5
	Max. climbing angle deg	30
Swing speed rpm	9	
Blade	Width mm	1550
	Height mm	345
	Max. lift above ground/drop below ground mm	380 / 365
Hydraulic pump type	Variable pump x 1 + gear pump x 1	
Swivel motor type	Hydraulic piston motor	
Travel motor type	Hydraulic piston motor	

● Specifications in this catalog are subject to change without prior notice.

## Working Range of KX033-4



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