

For Earth, For Life
Kubota

KX057-4

KUBOTA MINI EXCAVATOR



DELUXE INTERIOR

Spacious & Comfortable

On the KX057-4, your comfort truly comes first. The luxurious cabin features a wider entrance, generous legroom and a deluxe seat. The Roll-over Protective Structure (ROPS) and Operator Protective Guard (OPG, ISO10262) maximise safety. Operability is greatly enhanced with more easy-to-use features than ever before.



Kubota Original Anti-theft System

Your KX057-4 is protected by Kubota's industry-leading anti-theft system. Only programmed keys will enable the engine to start up. Attempting to start with an un-programmed key will activate the alarm. Newly enhanced features include an alert to remind the operator to extract the key after operation, and an LED alert to prevent potential theft.



Electric Refuelling Pump With Progress Alert*

The KX057-4's electric refuelling pump includes an auto-stop function that reduces the risk of spillage. When refuelling directly from a fuel can or fuel supply pump, simply press the signal button conveniently located next to the fuel inlet to monitor the progress. The beeping signal accelerates as the fuel approaches full thus avoiding spillage.

*Refuelling pump is standard for Types L and M.



1. New Digital Panel

Following the excellence of Kubota's Intelligent Control System, the new digital panel puts convenience at the operator's fingertips. Featuring easier button operation, the user-friendly digital panel is positioned to the front right corner of the operator. This operator-facing wider display greatly improves visibility. With easier access, simpler settings, easy-to-read indicators and alerts, you'll always be aware of the excavator's functioning status.



Operation History Record

An operation history is automatically recorded on the KX057-4. You can trace back up to 90 days of the machine's usage dates by simply checking the built-in calendar.



- a. Hour Meter
- b. Water Temperature
- c. Clock
- d. Fuel Level
- e. Engine RPM

1



2 3



2. Easy Operation

A. Wrist Rest

A thoughtfully designed wrist rest enhances operation and reduces operator fatigue.

B. Proportional Flow Control Of Auxiliary Circuits (SP1 and SP2*)

Convenient thumb-operated switches allow the operator easy

proportional flow control of SP1 and SP2.

*SP2 is standard for Types L and M.

C. Constant Oil Flow Switch (SP1)

A forefinger-operated on/off switch enables simple operation of special applications that require a constant oil flow.

3. Air Conditioning*

The overall air circulation in the cabin has been improved, thanks to a stronger cooling/heating unit and the positioning of six vents around the operator to offer better all-round comfort.

*A/C is standard for Type L.



SUPERIOR PERFORMANCE

Powerful & Versatile

Combining the power for demanding jobs and the versatility to work in any condition, the Kubota KX057-4 is ready to take on any challenge. This advanced 5.5 tonne machine is the most powerful excavator in our mini range. It's designed with excellent stability to work with a variety of attachments. Versatility is greatly enhanced with two auxiliary circuits as standard* and precise oil flow control. With upgraded digging and lifting power, smoother travel performance and upgraded versatility, this Kubota truly has it all.

*For Types L and M.



Kubota Original Direct Injection Engine

The KX057-4 is powered by Kubota's impressive 46 PS direct injection engine. Engineered with the power to maximise digging and lifting performance, it also delivers minimised noise and vibration.

46 PS



Load Sensing Hydraulic System

Kubota's improved 3-pump load sensing hydraulic system ensures smoother operation, regardless of load size. It allows hydraulic oil to flow according to the specific range of the operator's lever motion. The result is greater fuel economy and smoother travelling.

Enhanced Digging Force

The KX057-4 delivers an impressive bucket digging force of 4,315 kgf. Its powerful and well-balanced arm and bucket allow the operator to dig faster and more efficiently even in the toughest conditions.

Auto-shift

The auto-shift system enables automatic travel shift from high to low depending on traction effort and terrain. This gives smoother operations when dozing and turning.

1. Increased Boom Lifting Force

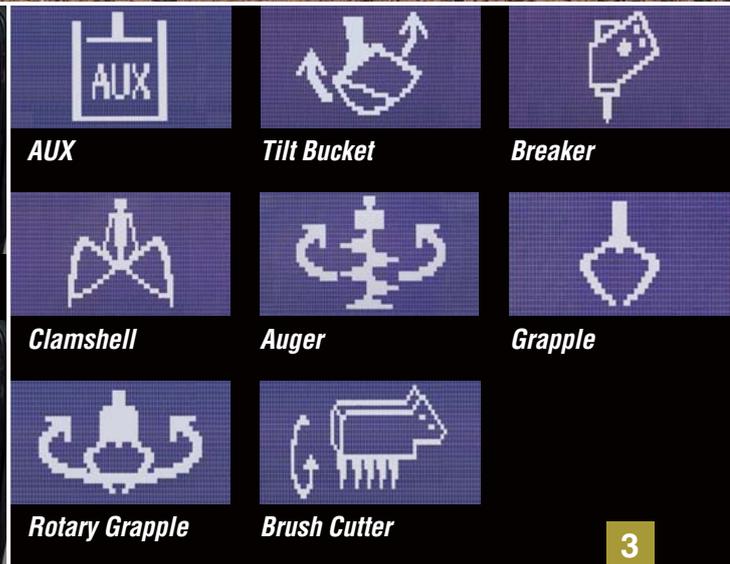
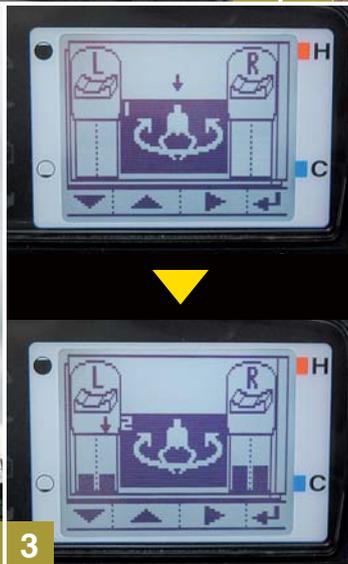
The KX057-4 features a significantly improved boom lifting force.

Boom Anti-drop Valve

The KX057-4 is fitted with a boom-lowering control device (ISO8643) as standard.

2. Optimised site cleaning

The dozer blade is heightened up to 410 mm, and the gap between the blade and the bucket edge is optimised. This enables easier site cleaning and levelling.



3. Versatile Control

Two auxiliary circuits (SP1 and SP2*) come standard on the KX057-4. The maximum oil flow settings of both circuits are conveniently adjustable from the digital panel – no additional tools or complex manual adjusting procedures are necessary. You can even programme up to five oil flow rates corresponding to specific attachments into memory on the digital panel. Programmed settings can be quickly retrieved for the next job. The system comes with nine pre-installed attachment icons.

*For Types L and M.

EASY MAINTENANCE

Accessible & Convenient

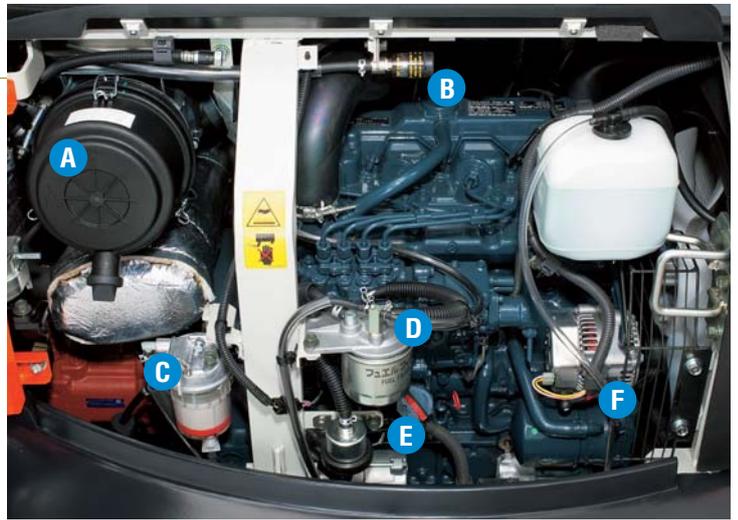
Although your Kubota excavator is state-of-the-art, its maintenance doesn't get much easier. Thanks to the full-opening rear and right side bonnets, engine, control valves and various components are accessible for easy inspection and repair.



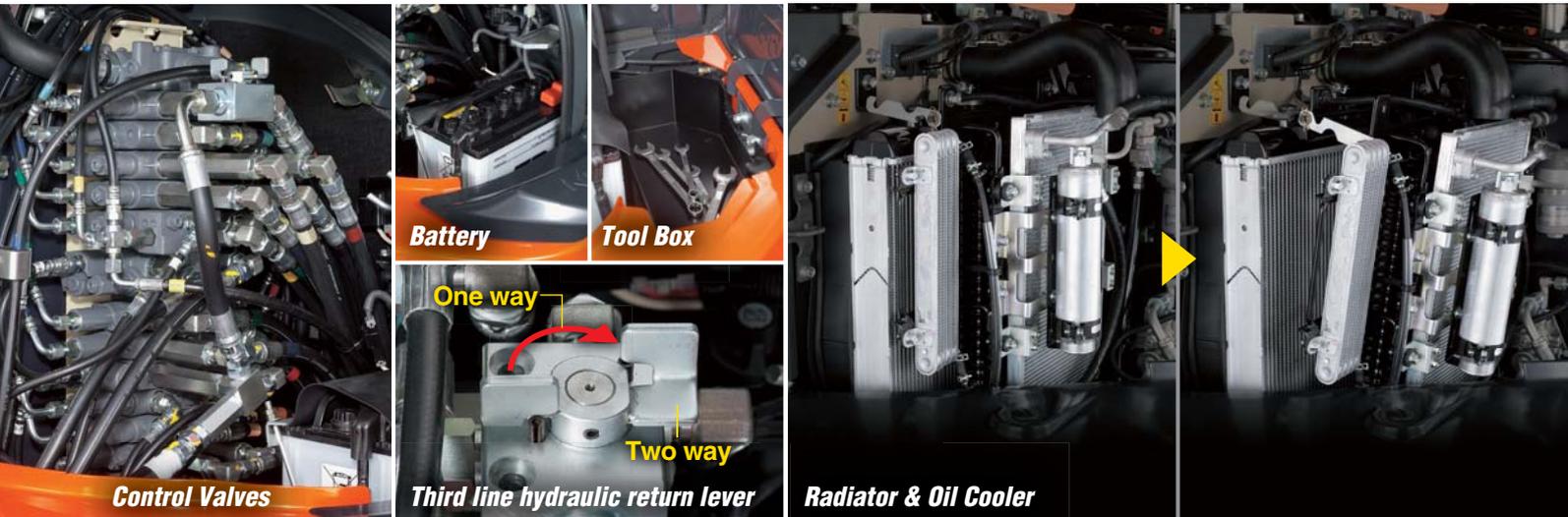
One-sided Engine Maintenance

Kubota has made routine maintenance extremely simple by consolidating primary engine components onto one side for easier access. Engine and other vital components can be inspected quickly and easily.

- A. Air Cleaner**
- B. Air cleaner indicator**
- C. Water Separator**
- D. Fuel Filter**
- E. Starter Motor**
- F. Alternator**



Side bonnet features



Standard Equipment

Safety system

- Engine start safety system on the left console
- Travel motor with disc brake
- Swivel motor with disc brake
- Overload warning buzzer
- Kubota original anti-theft system
- Anti-drop valve on the boom (ISO8643)
- All hydraulic control

Working equipment

- Auxiliary hydraulic circuits (SP1 and SP2*) piping to the arm end *For Types L and M.
- 2 working lights on cabin and 1 light on the boom
- 1820 mm arm

Cabin

- ROPS (Roll-over Protective Structure, ISO3471)
- OPG (Operator Protective Guard) Level1
- Weight-adjustable full suspension seat
- Seatbelt
- Hydraulic pilot control levers with wrist rests
- Travel levers with foot pedals
- Air conditioning (Type L)
- Cabin heater for defrosting and demisting
- Emergency exit hammer
- Front window power-assisted with gas damper
- 12V power source
- 2 speakers and radio aerial
- Location for radio

- Side/Rear mirrors (left, right and rear)
- Cup holder

Engine/Fuel system

- Double-element air filter
- Electric fuel pump
- Auto idling system
- Tank electric refuelling pump (Types L and M)
- Water separator with drain cock

Undercarriage

- 400 mm rubber track
- 1 x upper track roller
- 5 double-flange track rollers on each track
- 2-speed travel switch on dozer lever
- Two-speed travel with auto-shift

Hydraulic system

- Pressure accumulator
- Hydraulic pressure checking ports
- Straight travel circuit
- Third line hydraulic return
- Load-sensing hydraulic system
- Adjustable maximum oil flow on auxiliary circuits (SP1 and SP2*) *For Types L and M.
- Double auxiliary circuit for accessories
- Auxiliary switch (SP1) on right control lever
- Auxiliary switch (SP2) on left control lever (Types L and M)

Optional Equipment

Undercarriage

- 400 mm steel track (+ 100 kg)
- 550 mm steel track (+ 300 kg)

Safety system

- Anti-drop valve unit (arm and dozer)
- Bracket and harness for beacon light

Others

- Special paint upon request

Standard Equipment For Each Type

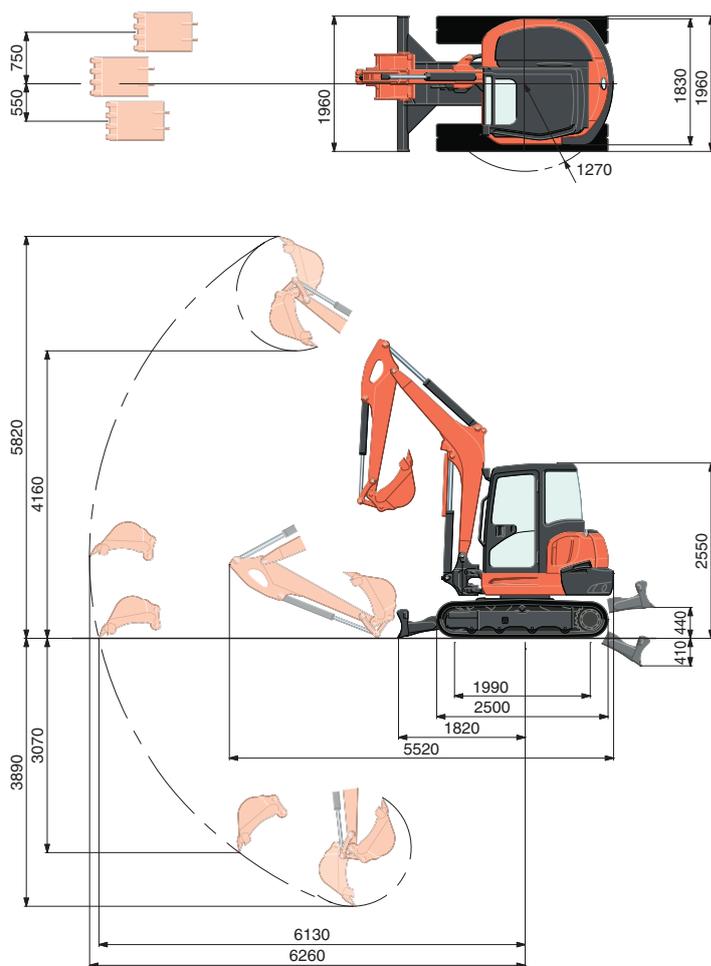
Type	Air conditioning	AUX SP1/SP2	Refuelling pump
L	●	● / ●	●
M	-	● / ●	●
S	-	● / -	-

SPECIFICATIONS

*Rubber shoe type/JPN bucket

Operating weight (cabin/with 135kg bucket)		kg	5545	
Bucket capacity, std. SAE/CECE		m ³	0.17/0.15	
Bucket width	With side teeth	mm	680	
	Without side teeth	mm	650	
Engine	Model		V2607-DI	
	Type			Water cooled, diesel engine
	Output (ISO 9249 NET)	kW/rpm	33.8/2200	
		PS/rpm	46.0/2200	
	Number of cylinders		4	
	Bore × Stroke	mm	87 × 110	
Displacement		cc	2615	
Overall length		mm	5520	
Overall height		mm	2550	
Swivelling speed		rpm	9.3	
Rubber shoe width		mm	400	
Tumbler distance		mm	1990	
Dozer size (width × height)		mm	1960 × 410	
Hydraulic pumps	P1, P2		Variable displacement pump	
	Flow rate	ℓ/min	56.1 + 56.1	
	Hydraulic pressure	MPa (kgf/cm ²)	27.4 (280)	
	P3		Gear pump	
	Flow rate	ℓ/min	37.0	
	Hydraulic pressure	MPa (kgf/cm ²)	19.1 (195)	
Max. digging force	Arm	kN (kgf)	24.5 (2500)	
	Bucket	kN (kgf)	42.3 (4315)	
Boom swing angle (left/right)		deg	70/55	
Auxiliary circuit (SP1)	Max flow rate	ℓ/min	75	
	Max hydraulic pressure	MPa (kgf/cm ²)	20.6 (210)	
Auxiliary circuit (SP2)	Max flow rate	ℓ/min	37	
	Max hydraulic pressure	MPa (kgf/cm ²)	19.1 (195)	
Hydraulic reservoir	tank/full	ℓ	45/79	
Fuel tank capacity		ℓ	75	
Max. travelling speed	Low	km/h	2.8	
	High	km/h	4.9	
Ground contact pressure		kPa (kgf/cm ²)	31.3 (0.32)	
Ground clearance		mm	310	

WORKING RANGE



1820 mm arm
Unit: mm

LIFTING CAPACITY

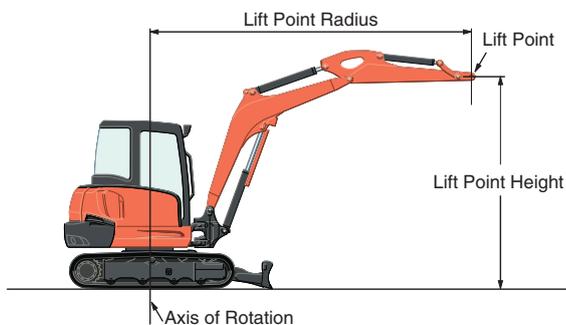
Cabin, Rubber version

kN (ton)

Lift Point Height	Lift point radius (min.)			Lift point radius (1m)			Lift point radius (2m)			Lift point radius (3m)			Lift point radius (4m)			Lift point radius (max.)		
	Over-front		Over-side	Over-front		Over-side	Over-front		Over-side	Over-front		Over-side	Over-front		Over-side	Over-front		Over-side
	Blade Down	Blade Up		Blade Down	Blade Up		Blade Down	Blade Up		Blade Down	Blade Up		Blade Down	Blade Up		Blade Down	Blade Up	
3m																		
2m																		
1m																		
0m							15.4 (1.57)	15.4 (1.57)	15.4 (1.57)	23.0 (2.35)	14.7 (1.50)	11.9 (1.21)	15.3 (1.57)	9.6 (0.98)	7.9 (0.81)	10.5 (1.07)	6.5 (0.66)	5.4 (0.56)
-1m	16.9 (1.72)	16.9 (1.72)	16.9 (1.72)	20.4 (2.09)	20.4 (2.09)	20.4 (2.09)	27.7 (2.83)	27.7 (2.83)	22.8 (2.33)	21.9 (2.24)	14.5 (1.48)	11.7 (1.20)	14.9 (1.52)	9.4 (0.96)	7.8 (0.80)			
-2m	20.4 (2.08)	20.4 (2.08)	20.4 (2.08)	32.0 (3.26)	32.0 (3.26)	32.0 (3.26)	27.9 (2.84)	27.9 (2.84)	23.3 (2.38)	17.5 (1.79)	14.7 (1.50)	11.9 (1.21)	11.2 (1.14)	9.6 (0.98)	7.9 (0.81)			
-3m																		

Please note:

- * The lifting capacities are based on ISO10567 and do not exceed 75% of the static tilt load of the machine or 87% of the hydraulic lifting capacity of the machine.
- * The excavator bucket, hook, sling and other lifting accessories are not included on this table.
- * Standards EN474-1 and EN474-5 require the machine to be fitted with a safety valve on the boom cylinder and an overload warning buzzer for object handling operations.
- * Working ranges are with Kubota standard bucket, without quick coupler.
- * Specifications are subject to change without notice for purpose of improvement.



Fluorinated greenhouse gases				
Air conditioner gas contains fluorinated greenhouse gases.				
CAB model	Industrial designation	Quantity (kg)	CO ₂ equivalent (ton)	GWP
KX057-4	HFC-134a	0.70	1.00	1430

(Global Warming Potential: GWP)

★ All images shown are for brochure purposes only.

When operating the excavator, wear clothing and equipment in accordance to local legal and safety regulations.

KUBOTA EUROPE S.A.S.

19 à 25, Rue Jules Verceysson
Zone Industrielle - B.P. 50088
95101 Argenteuil Cedex France
Téléphone : (33) 01 34 26 34 34
Télécopieur : (33) 01 34 26 34 99

<http://www.kubota-eu.com>

W21PS01603 - 2017-01-03