



KUBOTA MINI EXCAVATOR - 47067

U17-3a

47067 Mini Excavator
47071 Breaker OKB150 for U17-3a / KX61-3
47072 Steel for OKB150

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You're better equipped

With Kubota's advanced & upgraded U17-3a, you'll have the **VERSATILITY** and **PERFORMANCE** to take on almost any task.



Outstanding Travel Performance

Kubota's U17-3a delivers powerful performance and the use of new short-pitched rubber crawlers helps minimise vibration during travel for improved operator comfort.

Kubota Engine

Kubota's unique E-TVCS (Three Vortex Combustion System) enables high-energy output, low vibration and low fuel consumption, while minimising exhaust emissions.



Working Range

Kubota has designed the U17-3a to provide excellent digging depth and reach. The extended dozer length optimises the distance between the dozer and the bucket, making it fast and efficient to collect soil close to the machine. With its wide working range, the zero-tail swing U17-3a can complete a variety of jobs productively.

ZERO TAIL SWING

Kubota's zero tail swing makes the U17-3a an advanced mini excavator. The 360 degree swivel, excellent stability and smooth control, combined with unmatched power and efficiency, mean there are no limits to what you can accomplish - even in heavy traffic areas and inside buildings.

Protected Front & Auxiliary Hoses

Front cylinder hoses are routed through the boom for increased protection, extended service life and greater operator visibility. Also, the auxiliary hoses extend only to the top of the arm to protect them from potential damage during narrow-width bucket use.

2-Piece Hose Design

The two-piece hose configuration on both dozer and boom cylinders reduce hose replacement time.



Adjustable Track Gauge

For increased stability, the U17-3a's tracks can be expanded to a maximum 1,240mm. When retracted to 990mm, you can pass through narrow doorways and tight areas.

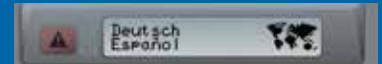


DIGITAL PANEL

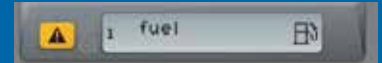


Informative, interactive and functional. Kubota's Intelligent Control System keeps you in tune of the U17-3a's vital signs. It accurately displays easy-to-understand diagnostics of current

working conditions and warning indicators for engine rpm and hour meter., as well as for fuel, temperature and oil levels.



Language selection display



Low fuel display



2 Speed Travel Switch on Dozer Lever

The dozer lever features a 2-speed travel switch, which allows the operator to easily select between power or travel speed during levelling work, depending on the load.

ROPS / FOPS CANOPY

Safety first. The canopy conforms to ROPS (Roll-Over Protective Structure) and FOPS (Falling Objects Protective Structure) Level 1 specifications, so that you can concentrate on what's important - your work.

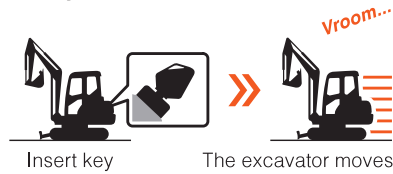
Straight Travel

Loading and unloading is safer due to a unique Kubota hydraulic system that provides straight travel, even during simultaneous operations.

ANTI-THEFT SYSTEM

The ultimate in security that's as easy as turning a key. It's the industry's first standard-equipped anti-theft system, and another original only from Kubota.

■ Programmed key



■ Un-programmed key



The System

Introducing Kubota's new simple and secure anti-theft system. Our one-key-system has an IC chip, which only starts the engine when the system recognises the appropriate key.

Safety / Security

Only "programmed keys" will enable the engine to start. Even identically shaped keys can't start the engine unless they are programmed. In fact, attempting to start the engine with an un-programmed key will activate the systems alarm. This alarm will continue even after the un-programmed key is removed. It will only stop when a programmed key starts the engine.

Easy Operation

No special procedures needed. No PIN numbers needed. Just turn the key. Plus, our simple "one-key-security system" allows access to the cabin door and engine bonnet as well as the fuel bank.

Standard Equipment: Engine / Fuel System

- Double-element air cleaner
- Electric fuel pump

Undercarriage

- 230mm rubber track
- 2-speed travel switch on dozer lever
- Variable track
- 3 outer flange-type track rollers on each track

Hydraulic System

- Pressure accumulator
- Hydraulic pressure checking ports
- Straight level circuits
- Third-line hydraulic return
- Variable displacement pump

Safety System

- Engine Start Safety System on left console
- Travel Lock System on left console
- Swivel Lock System
- Anti-theft system

Working Equipment

- 950mm arm
- Auxiliary hydraulic circuit piping to arm's end
- Working light on boom

Canopy and Operating Area

- ROPS (Roll-Over Protective Structure, ISO 3471)
- FOPS (Falling Objects Protective Structure) Level 1
- Weight-adjustable, semi suspension seat
- Seatbelt
- 12V power source
- Hydraulic pilot control levers with wrist rests
- Switch and harness for beacon light
- Digital Panel

Optional Equipment

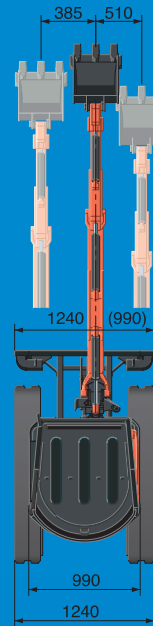
- 230mm steel track (+70kg)

SPECIFICATIONS

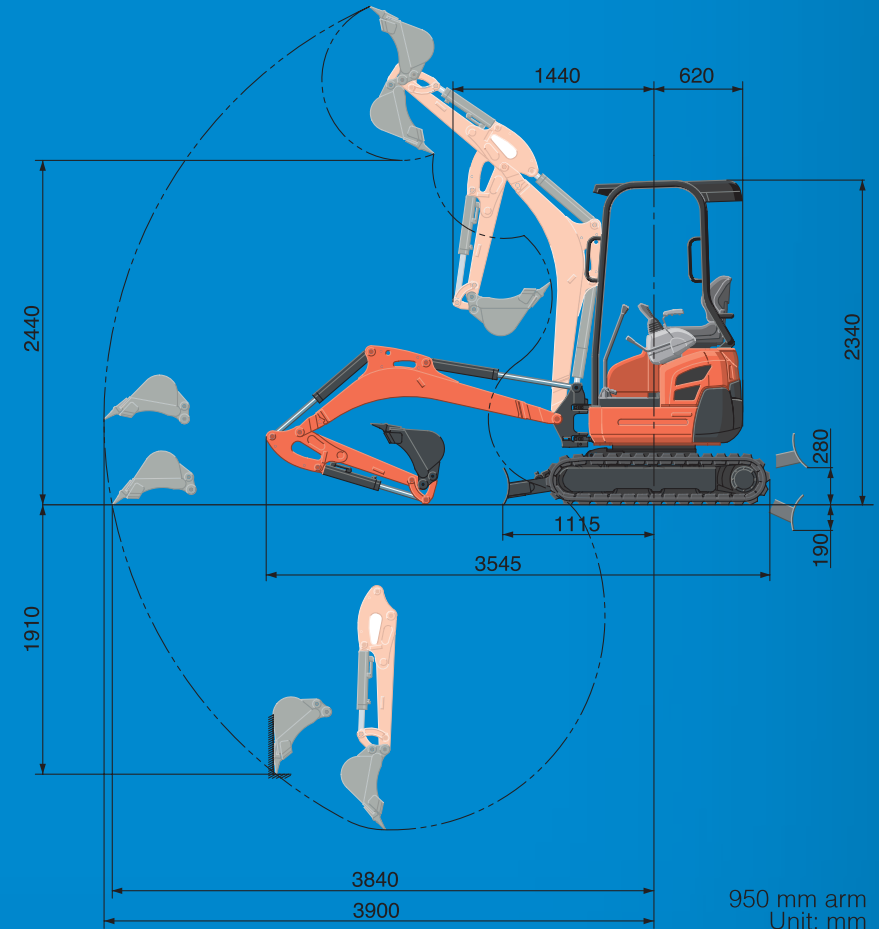
Model		Standard version		
Machine weight	kg	1650		
Bucket capacity, std. SAE/CECE	m ³	0.04		
Bucket width	with side teeth	mm	450	
	without side teeth	mm	400	
Engine	Model	D902		
	Type	Water cooled		
	Output ISO9249	PS/rpm	16/2300	
		kW/rpm	11.8/2300	
	Number of cylinders	3		
	Bore × Stroke	mm	72 × 73.6	
Displacement	cc	898		
Overall length	mm	3545		
Overall height	mm	2340		
Swivelling speed	rpm	9.1		
Rubber shoe width	mm	230		
Tumbler distance	mm	1230		
Dozer size (width × height)	mm	990/1240 × 265		
Hydraulic pumps	P1, P2	Variable displacement pump		
	Flow rate	ℓ/min	17.3 + 17.3	
	Hydraulic pressure	MPa (kgf/cm ²)	21.6	
	P3	Gear pump		
Max. digging force	Arm	kN (kgf)	8.5 (865)	
	Bucket	kN (kgf)	15.2 (1550)	
Boom swing angle (left/right)	deg	65/58		
Auxiliary circuit	Flow rate	ℓ/min	27.7	
	Hydraulic pressure	MPa (kgf/cm ²)	18.6	
Hydraulic reservoir	ℓ	21		
Fuel tank capacity	ℓ	19		
Max. travelling speed	Low	km/h	2.2	
	High	km/h	4.1	
Ground contact pressure	kPa (kgf/cm ²)	27 (0.28)		
Ground clearance	mm	150		

BREAKER SPECIFICATIONS

DESCRIPTION	Unit	OKB150	
Operating Weight (including tool)	kg	210	
Overall Height (including tool)	With Mount Cap	mm	1,350
	Without Mount Cap	mm	1,110
Operating Pressure	bar	80~110	
Setting Pressure	bar	150	
Required oil flow	l/min	20~30	
Tool Diameter	mm(inch)	45 (1.77)	
Back Head Pressure	bar	16	
Accumulator Pressure	bar	-	
Impact Energy	Joule	416	
Impact Rate	bpm	600~1200	
Suitable Machine	ton	0.8~3.0	



WORKING RANGE



950 mm arm
Unit: mm

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