



For Earth, For Life  
**Kubota**

**U**

## KUBOTA ZERO TAIL SWING COMPACT EXCAVATOR **U17-5 Premium**

Kubota's U17-5 Premium zero-tail swing compact excavator gives you the performance and efficiency you need in tight spaces.



\*This information is sourced from overseas and may not necessarily apply locally. It is essential that you confirm specifications and other information with your local Kubota dealer.

# PERFORMANCE

Advanced hydraulic systems for superior performance and operability.

## AUX1 & AUX2 Available

Two auxiliary circuits (AUX1 & AUX2) come standard on the U17-5 Premium. This new feature provides more variety of work for you.



## AUX Controlled By Hand

The U17-5 Premium features AUX1 and AUX2 hand control. Proportional flow is controlled by a convenient thumb-operated switch. Applications that require a constant oil flow can be controlled from a forefinger-operated on/off switch. Up to five oil flow rates can be preset for different attachments through the meter panel, allowing quick and convenient selection for the correct oil flow setting for each type of attachment.



## Zero-Tail Swing

Zero-tail swing means you'll never again worry about what is to the side or behind you while you work. No matter how far you turn, the tail always remains within the width of the tracks. Zero-tail swing also ensures excellent balance, stability and faster operation, making the U17-5 Premium ideal for jobs in congested urban areas.

## Improved Stability

We improved stability by extending the rear end by 30 mm to be able to handle heavy weight attachments which require AUX, like a tilt rotator.





## Two-pattern Selection System (TPSS)

TPSS is standard equipment, allowing the operator to select the most familiar operating control pattern, either ISO or SAE.

## 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.

## Engine Auto Idle

Engine RPM is instinctively reduced when high engine speed isn't needed. Move any control lever and the engine RPM immediately returns.

## Travel Speed Switch

By placing the travel speed switch on the dozer lever, dozing operations have become faster and easier. The new location also frees up space on the floor for improved operator comfort.

## Variable Track Gauge

The U17-5 Premium's track gauge can be expanded to a maximum of 1,300 mm to optimize stability when using heavy attachments. For better side stability, the maximum track expansion has been increased by 60 mm. The track gauge can also be retracted to 990 mm for easier movement through narrow passageways and to allow work in tight spaces.



# INTERIOR

All-new levels of comfort.

## Comfortable Operator Space

A comfortable operator is a productive operator. That's why the U17-5 Premium operators space has been enhanced to ensure optimum comfort and efficiency throughout the working day. All controls are ergonomically placed for faster and easier operation. The front meter panel can be checked without shifting your eyes from the task in hand. The mobile phone holder is within easy reach from the operator's seat, and you can charge your phone while you work.

- A. Meter panel
- B. Cup holder
- C. USB charger (TYPE-A)
- D. Mobile phone holder
- E. Engine throttle dial

## Wider Foot Space

The latest interior not only optimizes maneuverability, the operator has spacious legroom, increased by 30mm from the previous model.



## Semi-Suspension Seat

Designed for better fit and comfort for long hours of work, Kubota's standard semi-suspension seat minimizes strain and operator fatigue by accommodating your individual posture and weight. A retractable seat belt is fitted as standard.



# SAFETY

Safety functions to support your smooth operation.

## LED Boom Work Light As Standard

Bright LED boom work light provides plenty of illumination for nighttime tasks.



## LED Working Light On Canopy As Standard

LED lights allow to get job done easily in dark places or work during night.



## Engine Emergency Stop

In an emergency, the operator can stop the engine with the flip of a single switch.

## Swivel Parking Brake

Transport is easier in all positions with the swivel parking brake.

## Unload Lever

Changing the hydraulic circuit, all operations including the swing, dozer, and AUX can now be locked with the control lock lever.

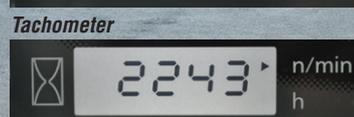
## ROPS/OPG (TOP Guard, Level I) Canopy

The ROPS and the OPG (TOP Guard, Level I) canopy meet the applicable ISO, SAE and OSHA standards, providing protection from accidental rollovers, falling objects, and helps ensure an extra level of safety and security on the job.

## Front Meter Panel

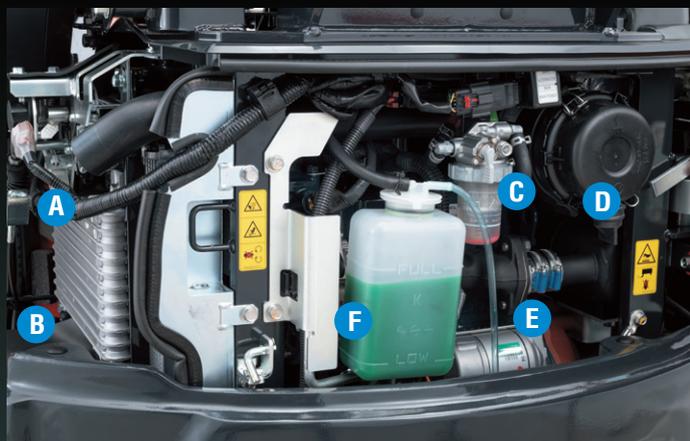
Following the excellence of Kubota's Intelligent Control System, the front meter panel puts convenience at the operator's fingertips. The user-friendly meter panel is positioned to the front right corner of the operator for better visibility, and features one-touch button operation to view the time, hour meter and tachometer. Warning lamps with code numbers on the display will alert you in case of conditions such as overheating, hydraulic problems or low battery. With easier access, simpler settings, easy-to-read indicators and alerts, you'll be aware of the excavator's functioning status.

- A. Fuel level gauge
- B. Water temperature gauge
- C. Warning lamps (overheating, hydraulic, battery)
- D. LCD display (time, hour, rpm)



# SERVICE

Easier accessibility to all major components simplifies inspections and repairs.



- A. Radiator
- B. Battery
- C. Water separator
- D. Air cleaner
- E. Starter motor
- F. Coolant tank

## Easy Maintenance

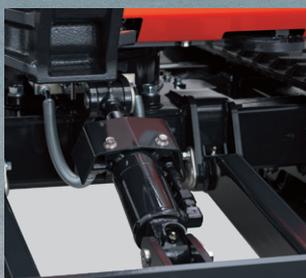
When maintenance is simple, downtime is greatly reduced and you're more productive. With the U17-5 Premium, routine maintenance is easy. The rear bonnet and the left side cover opens up without the need for tools. This allows for quick access to the engine oil dipstick, water separator, radiator, battery and much more. Plus, for extra strength and easier repairs, the U17-5 Premium's bonnet and side covers are made of steel.

## Boom Cylinder

The boom cylinder is situated above the boom for maximum protection, especially during breaker or dumping operation. Movement speeds of front attachments and lifting power have been well adjusted thanks to the boom cylinder's large-diameter rod and optimal hydraulic pressure.

## Two-Piece Hose Design

When an on-site replacement of a dozer cylinder supply hose is necessary, its two-piece design simplifies the job.



## Protected Motor Hoses

Kubota has enclosed the travel motor hoses within the track frame for added protection—a unique feature for mini excavators of this class.



# U17-5 PREMIUM OPTIONS

## STANDARD EQUIPMENT

### Safety system

- Engine start safety system (Unload lever)
- Swivel parking brake
- Control lock lever
- Engine emergency stop
- Travel alarm

### Engine / Fuel system

- Kubota original engine
- Double-element air cleaner
- Auto idling system
- Water separator with filter
- Auto-shift

### Working equipment

- 1 LED working light on the boom
- LED working light on canopy
- Auxiliary hydraulic circuit (SP1 and SP2) piping to the arm end
- Tie down points on the top frame
- 950mm arm

### Operator's space

- ROPS (Roll-over Protective Structure, ISO3471)
- OPG (Operator Protective Guard, Top Guard) Level1
- Weight-adjustable semi-suspension seat
- Mobile holder
- 12V power source
- USB charger (TYPE-A)
- Hydraulic pilot control levers with wrist rests
- Dial accel
- Front meter panel

### Undercarriage

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

### Hydraulic system

- Hydraulic pressure checking ports
- Independent travel circuit
- Auxiliary activation with thumb button
- Adjustable maximum oil flow on auxiliary circuits (AUX1 and AUX2)
- TPSS (Two pattern selection system)
- Variable displacement pump
- 1st and 2nd auxiliary circuits (AUX1 and AUX2) proportional flow control at hand

### Others

- Tool box

## LIFTING CAPACITY

LIFT POINT HEIGHT (m)	LIFTING CAPACITY OVER-FRONT BLADE DOWN unit=kN(kg)				LIFTING CAPACITY OVER-SIDE (track width 1300 mm) unit=kN(kg)			
	LIFT POINT RADIUS (m)				LIFT POINT RADIUS (m)			
	2	2.5	3		2	2.5	3	
2.5	–	2.7 (272)	–	–	–	2.7 (272)	–	–
2	2.3 (234)	2.6 (266)	–	2.3 (234)	2.6 (266)	–	–	–
1	4.5 (456)	3.3 (342)	2.7 (279)	3.6 (365)	2.6 (263)	2.0 (202)	–	–
GL	4.7 (480)	3.4 (352)	2.6 (268)	3.3 (339)	2.4 (248)	1.9 (194)	–	–

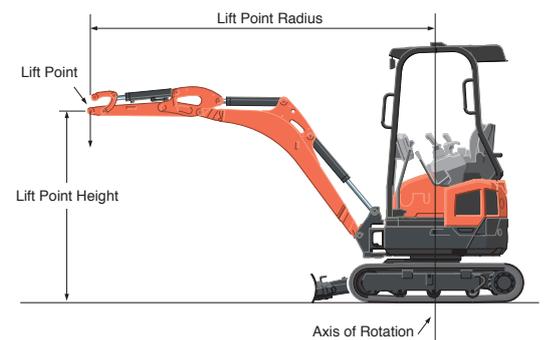
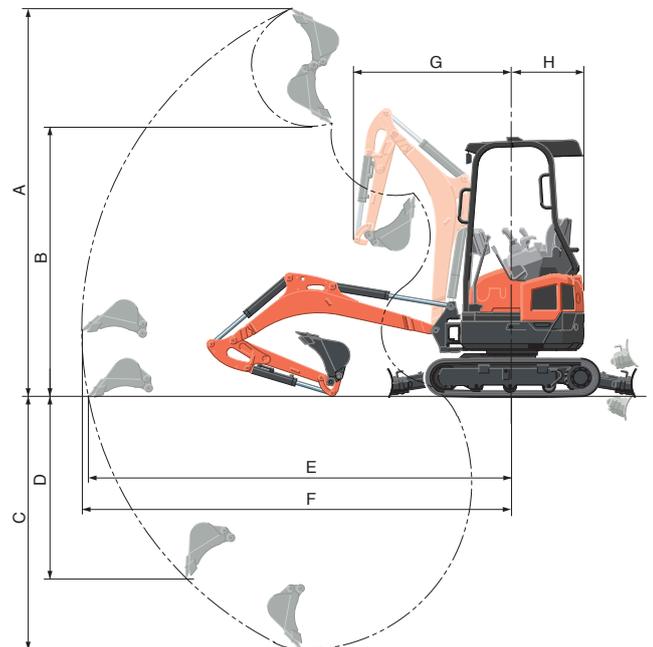
Machine with ROPS canopy and rubber crawler, without bucket

## WORKING RANGE

Model	U17-5 Premium	
A	Max. digging height	mm 3510
B	Max. dumping height	mm 2470
C	Max. digging depth	mm 2290
D	Max. vertical digging depth	mm 1110
E	Max. digging radius, at ground level	mm 3820
F	Max. digging radius	mm 3880
G	Min. turning radius	w/o swing mm 1440
		with swing mm 1210
H	Min. tail turning radius	mm 650

Please note:

- \* The lifting capacities are based on ISO 10567 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.
- \* Specifications are subject to change without notice for purpose of improvement.

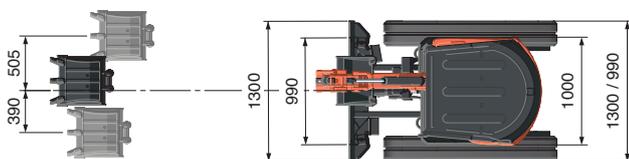


# SPECIFICATIONS

Model		U17-5 Premium		
Type of ROPS / OPG (TOP Guard, Level I)		Canopy		
Type of tracks		Rubber		
Engine	Model	D902-E4-BH-6EU		
	Output (SAE J1995 gross)	HP (kW) / rpm	16.1 (12.0) / 2300	
	Output (SAE J1349 net)	HP (kW) / rpm	15.1 (11.3) / 2300	
	Displacement	cc	898	
Dimensions	Overall length	mm	3550	
	Overall height	mm	2370	
	Overall width	Standard	mm	1300
		Narrow	mm	1000
	Track gauge	Standard	mm	1300
		Narrow	mm	990
Min. ground clearance	mm	155		
Hydraulic system	Pump capacity	ℓ/min	17.3	
	Auxiliary hydraulic flow	AUX1 / AUX2 ℓ/min	27.7 / 10.4	
	Max. breakout force	Bucket / Arm kgf	1609 / 887.2	
Drive system	Travel speed	Low / High km/h	2.3 / 4.4	
	Max. traction force	Low speed kgf	1438	
	Tumbler distance	mm	1230	
	Crawler length	mm	1580	
	Shoe width	mm	230	
	Ground contact pressure	kgf/cm <sup>2</sup>	0.29	
Swing system	Unit swing speed	rpm	9.4	
	Boom swing angle	Left / Right degree	63 / 58	
Blade	Dimensions	Width Standard / Narrow mm	1300 / 990	
		Height mm	260	
	Max. lift above ground	mm	280	
	Max. drop below ground	mm	205	
Hydraulic oil (Reservoir / System)		ℓ	13 / 21.8	
Fuel reservoir		ℓ	20	
Operating weight (Including operator's weight @ 75kg.)		kg	1780	

The company reserves the right to change the above specifications without notice. This brochure is for descriptive purposes only. Please contact your local Kubota dealer for warranty information. For your safety, Kubota strongly recommends the use of a Rollover Protective Structure (ROPS) and seat belt for almost all applications.

## DIMENSIONS



Unit: mm



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