

# Kubota®



## KUBOTA ZERO TAIL SWING COMPACT EXCAVATOR

# U

# U15-3

Designed from the inside out to handle the tough jobs that larger machines can't even get to.



\*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.

# T4 TIER

# Ultra maneuverable, super efficient performance for a wide range of jobs in close quarters

Sometimes the biggest isn't the best choice. That's particularly true when the job calls for precision work in tight spaces. The compact U15-3 is designed for just that kind of task, with zero tail swing, a variable track width, and a wealth of other performance features that let you work at maximum efficiency at all times. That makes the U15-3 an easy choice. The best choice, for all those hard to reach jobs.



# U15-3

## 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 U15-3 ideal for jobs in congested urban areas.

### Variable Track Width

The U15-3 features a hydraulic track gauge that can be adjusted to between 990 mm and 1,240 mm. With the touch of a single lever, you can reduce the track gauge to navigate narrow spaces or increase it to improve stability.





## Clean-running Kubota Engine

Powerful and dependable, the U15-3's diesel engine delivers superior horsepower and performance. It offers low noise and vibration levels, exceptional fuel efficiency, and complies with the EPA's Tier IV emissions regulations.



Complies with Tier IV!

## Strong bucket breakout force

The U15-3 has the power you need for heavy loads and tough excavating jobs, a breakout force of 1,550 kg, with the dedicated bucket and quick coupler.

## Working range

The U15-3's excellent reach and digging depth ensure that each digging job is performed with maximum efficiency and speed.

## Protected front hoses

For greater protection, the U15-3's front hoses are routed within the arm. This design also improves operator visibility, increases hose service life, and lowers repair costs.

## Front pin bushings

Pin bushings are installed at all of the pivot points along the swing bracket, boom, arm, and bucket. Pin type bushings not only last longer, they are easier to replace when necessary.



## Strong lifting capacity

Excellent lifting capacity for digging, lifting, and loading is provided by a powerful and responsive front working group. Even when working to the side, using hydraulic attachments, or lifting heavy objects, the U15-3 remains excellently stable, thanks to its innovative counter balancing technology, long tumbler distance, low center of gravity and smooth operation.

## Smooth operation

Smooth operation across a wide range of jobs is assured, thanks to the U15-3's advanced variable displacement pumps and Hydraulic Matching System.

## Auxiliary hydraulic system

The U15-3's auxiliary hydraulic system accommodates a variety of attachments, such as breakers and augers. Standard equipment includes port pipes on the arm, bi-directional auxiliary hydraulic controls, and a control valve. The auxiliary hydraulic connections are located within easy reach and incorporate short hoses that are less likely to become tangled or damaged.

## Boom cylinder

Located above the boom, the boom cylinder is safe from damage during breaker or dumping operations. A new cylinder design features a larger diameter rod and increased hydraulic pressure for greater lifting power and optimum front attachment speeds.





# COMFORT / MAINTENANCE / SAFETY

## 2-speed travel switch

By placing the 2-speed travel 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.



## Wider foot area

More spacious than many conventional tail-swing excavators, the U15-3's wider foot area enhances operator comfort. The result is less operator fatigue and greater job efficiency.



## High-back suspension seat

The U15-3's deluxe high-back seat increases productivity by providing optimum comfort for operators of all sizes.

## ROPS/FOPS canopy

The OSHA certified ROPS/FOPS canopy provides complete protection from accidental rollovers and falling objects, ensuring an extra level of safety and security on the job.

## Two-pattern Selection System (TPSS)

A quick flip of a lever lets you switch operating patterns from ISO to SAE or vice versa.



## Hydraulics maintenance

The under-deck hydraulics can be accessed quickly and easily for routine maintenance. There are no bolts to unscrew—just lift the rubber mat and open the floor plate.



UNDER THE COVER

## Maintenance

Wide-opening covers provide easy access to the engine oil gauge, coolant reserve tank and dual element air cleaner. It's also easy to access the fuel filter and water separator, battery, radiator and oil cooler. Two-piece hose connections for the dozer and boom cylinders simplify hose replacement, reduce downtime, and virtually eliminate the need to enter the machine for maintenance.



LEFT SIDE BONNET



REAR BONNET



### Safe, controlled starts

When the safety control lever is moved upward, the console moves with it, providing more room for entry and exit. To prevent unexpected machine movement during entry or exit, the pilot and travel controls are then disabled. This is the only time that the engine will crank over.

### Straight travel

Kubota's Hydraulic Matching System keeps the U15-3 traveling in a straight line while operating the boom, ensuring safer loading and off-loading.

## U15-3 OPTIONS

- Buckets

- Travel alarm

- Canopy lights



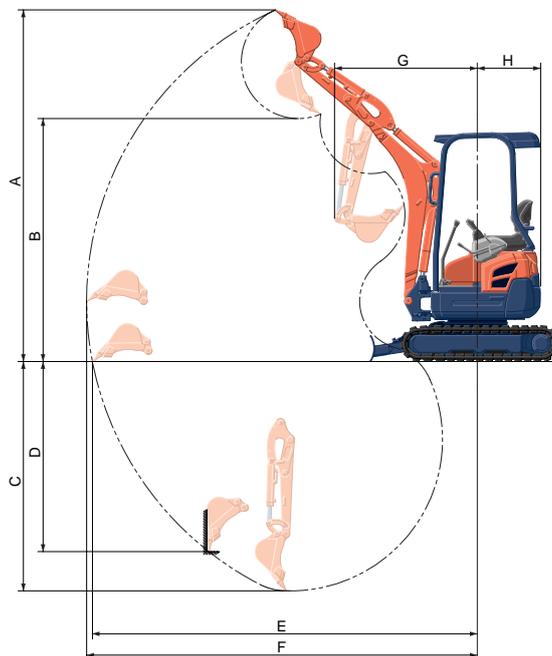
- Quick coupler



### WORKING RANGE

Model		U15-3		
A	Max. digging height	mm	3530	
B	Max. dumping height	mm	2440	
C	Max. digging depth	mm	2310	
D	Max. vertical digging depth	mm	1900	
E	Max. digging radius at ground	mm	3840	
F	Max. digging radius	mm	3900	
G	Min. turning radius	W/o swing	mm	1420
		With swing	mm	1200
H	Min. tail turning radius	mm	620	

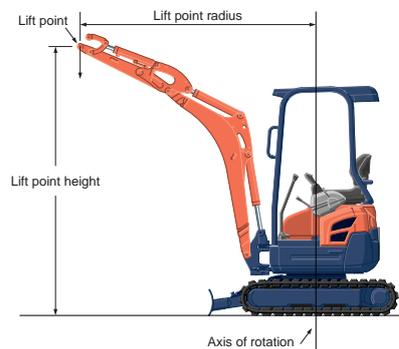
The company reserves the right to change the above specifications without notice. This brochure is for descriptive purpose only. Please contact your local Kubota dealer for warranty information. For your safety, Kubota strongly recommends the use of a Rollover Protective structure (ROPS) and seat belt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



### LIFTING CAPACITY

LIFT POINT HEIGHT (m)	LIFTING CAPACITY OVER THE FRONT, BLADE DOWN unit=ton				LIFTING CAPACITY OVER THE SIDE unit=ton		
	LIFT POINT RADIUS (m)			LIFT POINT RADIUS (m)			
	2	2.5	MAX	2	2.5	MAX	
2	0.32	0.37	-	0.32	0.28	-	
1.5	0.46	0.41	0.37	0.38	0.28	0.20	
1	0.63	0.47	0.39	0.36	0.27	0.20	
GL	0	0.67	0.49	0.37	0.34	0.24	0.19

Machine with ROPS canopy and rubber crawler, without bucket

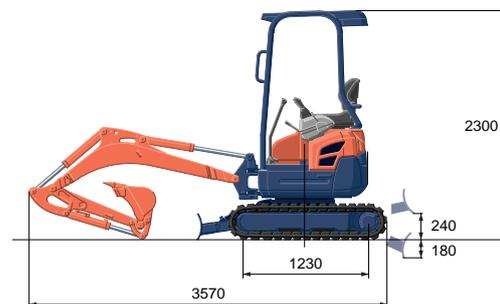
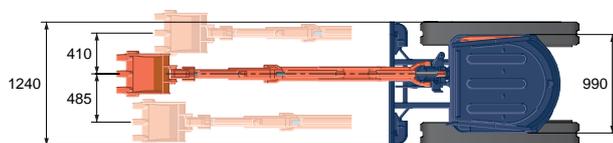


## SPECIFICATIONS

Model		U15-3		
Type of ROPS / FOPS		Canopy		
Type of tracks		Rubber		
Engine	Model		Kubota D782-E3	
	Output (SAEJ 1995 gross)	HP (kW)/rpm	13.0 (9.6) / 2300	
	Output (SAEJ 1349 net)	HP (kW)/rpm	12.5 (9.3) / 2300	
	Displacement	cc	778	
Dimensions	Overall length	mm	3570	
	Overall height	mm	2300	
	Overall width	mm	990 / 1240	
	Min. ground clearance	mm	160	
Hydraulic system	Pump capacity	ℓ/min	16.6 × 2 / 10.4 × 1	
	Auxiliary hydraulic flow	ℓ/min	27	
	Max. breakout force	Bucket / Arm	kgf	1550 / 870
Drive system	Travel speed	Low / High	km/h	2.2 / 4.0
	Max. drawbar pull		kgf	2028
	Tumbler distance		mm	1230
	Crawler length		mm	1585
	Shoe width		mm	230
	Ground contact pressure		kgf/cm <sup>2</sup>	0.26
Swing system	Unit swing speed		rpm	8.7
	Boom swing angle	Left / Right	degree	65 / 60
Blade	Dimensions	Width	mm	1240 / 990
		Height	mm	260
	Max. lift above ground		mm	240
	Max. drop below ground		mm	180
Hydraulic oil (reservoir / system)		ℓ	13 / 23	
Fuel reservoir		ℓ	18	
Operating weight (Including operator's weight 80 kg.)		kgf	1680	

\*Specifications are subject to change without notice for purpose of improvement.

## DIMENSIONS



Unit: mm

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