



For Earth, For Life
Kubota

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KUBOTA TIGHT TAIL SWING COMPACT EXCAVATOR U27-4

The U27-4 is designed for challenging jobs that are not possible with larger excavators. Powerful breakout force, compact design and precision control delivers productive performance in tight working conditions.

Extra compact and tough enough to tackle the most demanding tasks in tight spaces with ease.

Large operator's station

With large and comfortable operator's station, the U27-4 offers an extra level of comfort and convenience that operators are sure to appreciate during long jobs.

Roomy cab and Deluxe interior

The biggest cab* in its class offers a wider entrance, greater leg room, and a luxurious interior. Operability is greatly enhanced with more easy-to-use features than ever before.
**Heater only*



Front meter panel

For better visibility and accessibility, the meter panel is positioned to the right front corner of the operator station. With easier access, simpler settings, easy-to-read indicators and alerts, you'll always be aware of the excavator's functioning status.



Proportional control of AUX circuit

The thumb-operated switch on the right joystick allows easy proportional flow control of the AUX circuit. And, with the small dial on top of the meter panel, the oil flow is conveniently adjustable up to 12.7GPM.



AUX diverter valve

The diverter valve allows auxiliary oil to be diverted to the operation of auxiliary attachments without removal of the thumb attachment pipeline for increased efficiency on the go.



Strong bucket breakout force and wide working range

Whether the job is digging, lifting, or loading, the U27-4 delivers it all with impressive performance. Powerful breakout, excellent stability, and quick hydraulic cycle times all work together to master a wide range of jobs.

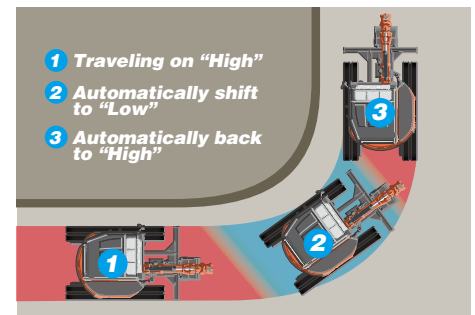


Tight tail swing

The U27-4's tight tail swing proves to be highly versatile when operating in confined conditions. There is less chance for damage to the machine or surroundings due to the Tight Tail swing design.

Auto shift down

The U27-4 auto-shift automatically shifts travel speed from high to low, depending on traction and terrain, allowing smoother operation when dozing and turing.

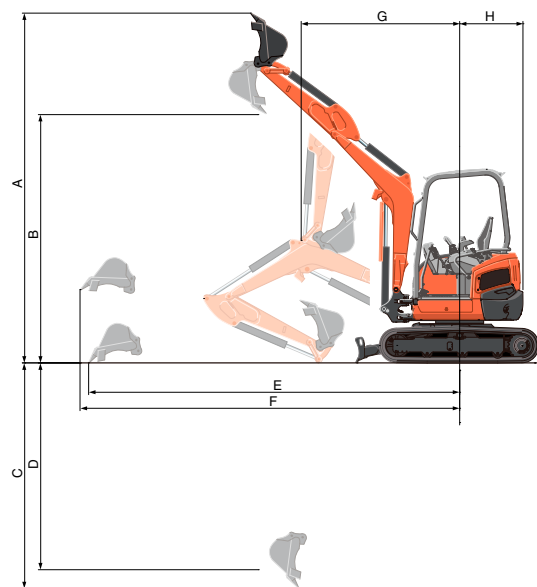


Specifications

Model		U27-4	
Type of ROPS/FOPS		Canopy / Cab	
Type of tracks		Rubber	
Engine	Model	Kubota D1105-BH	
	Output (SAE J1995 gross)	HP (kW)/rpm	20.8 (15.5) / 2400
	Output (SAE J1349 net)	HP (kW)/rpm	20.0 (14.9) / 2400
	Displacement	cu.in. (cc)	68.5 (1123)
Dimensions	Overall length	ft. in.(mm)	13'6" (4100)
	Overall height	Canopy / Cab ft. in.(mm)	7'11" (2420) / 7'10" (2400)
	Overall width	ft. in.(mm)	4'11" (1500)
	Min. ground clearance	in.(mm)	12.1 (307)
Hydraulic system	Pump capacity	gpm (ℓ/min.)	7.6 (28.8) × 2 / 5.1 (19.2) × 1
	Auxiliary hydraulic flow	gpm (ℓ/min.)	12.7 (48)
	Max. breakout force	Bucket / Arm lbs. (kgf)	7014 (3180) / 2777 (1260)
Drive system	Travel speed	Low / High mph (km/h)	1.6 (2.6) / 2.7 (4.3)
	Max. traction force	Low speed lbs. (kgf)	6767 (3069)
	Tumbler distance	ft. in.(mm)	5'1.4" (1560)
	Crawler length	ft. in.(mm)	6'6.3" (1990)
	Shoe width	Rubber / Steel in.(mm)	11.8 (300)
	Ground contact pressure	Canopy psi (kgf/cm ²) Cab psi (kgf/cm ²)	3.321 (0.234) 3.481 (0.245)
Swing system	Unit swing speed	rpm	9.9
	Boom swing angle	Left / Right degree	75 / 55
Blade	Dimension	Width ft. in.(mm)	4'11" (1500)
		Height ft. in.(mm)	11.8" (300)
	Max. lift above ground	in.(mm)	14.2" (360)
	Max. drop below ground	in.(mm)	12.6" (320)
Hydraulic oil (reservoir / system)		gal (ℓ)	5.8 (22) / 9.7 (37)
Fuel reservoir		gal (ℓ)	8.7 (33)
Operating weight (Includes operator weight 175lbs.)	Canopy	Rubber / Steel lbs. (kgf)	5688 (2580)
	Cab	Rubber / Steel lbs. (kgf)	5908 (2680)

Working range

Model		U27-4		
A	Max. digging height	ft. in. (mm)	14'6" (4420)	
B	Max. dumping height	ft. in. (mm)	10'0" (3040)	
C	Max. digging depth	ft. in. (mm)	9'5" (2870)	
D	Max. vertical digging depth	ft. in. (mm)	7'8" (2340)	
E	Max. digging radius, at ground level	ft. in. (mm)	15'4" (4680)	
F	Max. digging radius	ft. in. (mm)	15'9" (4790)	
G	Min. turning radius	W/o swing	ft. in. (mm)	6'6" (1970)
		With swing	ft. in. (mm)	5'1" (1539)
H	Min. tail turning radius	ft. in. (mm)	2.7" (790)	



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KUBOTA TRACTOR CORPORATION

1000 Kubota Drive, Grapevine, TX 76051 Tel 888-4 KUBOTA

Visit our web site at: kubotaUSA.com

