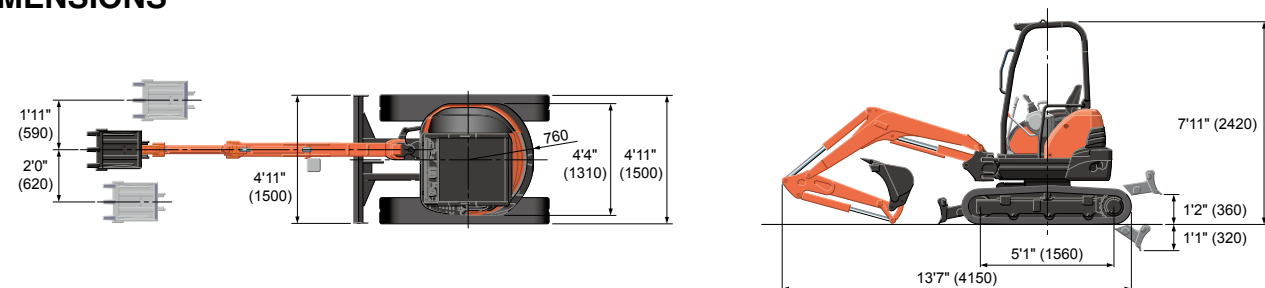


SPECIFICATIONS

Model		U25S		
Type of ROPS / OPG (TOP Guard, Level I)		Canopy		
Type of tracks		Rubber		
Engine	Model	Kubota D1105-E4		
	Output (SAE J1995 gross)	HP (kW)/rpm	20.9 (15.6) / 2400	
	Output (SAE J1349 net)	HP (kW)/rpm	19.8 (14.8) / 2400	
	Displacement	cu. in. (cc)	68.5 (1123)	
Dimensions	Overall length	ft. in. (mm)	13'7" (4150)	
	Overall height	ft. in. (mm)	7'11" (2420)	
	Overall width	ft. in. (mm)	4'11" (1500)	
	Min. ground clearance	in. (mm)	11.2" (285)	
Hydraulic system	Pump capacity	GPM (ℓ/min)	7.6 (28.8) Piston × 2 / 5.1 (19.2) Gear × 1	
	Auxiliary hydraulic flow	GPM (ℓ/min)	12.7 (48)	
	Max. breakout force	Bucket / Arm lbs. (kgf)	5765 (2615) / 2745 (1245)	
Drive system	Travel speed	mph (km/h)	1.6 (2.5) / 2.9 (4.5)	
	Max. drawbar pull	lbs. (kgf)	6745 (3060)	
	Tumbler distance	ft. in. (mm)	5'1" (1560)	
	Crawler length	ft. in. (mm)	6'7" (2000)	
	Shoe width	in. (mm)	11.8" (300)	
	Ground contact pressure	psi (kgf/cm ²)	3.32 (0.23)	
Swing system	Unit swing speed	rpm	9.8	
	Boom swing angle	Left / Right degree	75 / 55	
Blade	Dimensions	Width	ft. in. (mm)	4'11" (1500)
		Height	in. (mm)	11.8" (300)
	Max. lift above ground	in. (mm)	14" (360)	
	Max. drop below ground	in. (mm)	13" (320)	
Hydraulic oil (reservoir / system)		gal (ℓ)	5.8 (22) / 9.8 (37)	
Fuel reservoir		gal (ℓ)	7.4 (28)	
Operating weight (Including operator's weight 165 lbs.)		lbs. (kgf)	5615 (2545)	

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DIMENSIONS



Unit: ft. in. (mm)

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KUBOTA ZERO TAIL SWING COMPACT EXCAVATOR U25 SUPER SERIES

With the maneuverability and performance you need
 for those hard-to-reach digging jobs.



The agility to get into the tightest spots and the performance to work its way out.

When the list of features starts with zero tail swing, includes strong bucket breakout force, and an advanced digital information panel, you know this excavator has what it takes to do the job. When larger machines won't fit, the U25S can get in, get the job done, and get back out again with superior speed and maximum efficiency.

U25S



Zero-Tail Swing

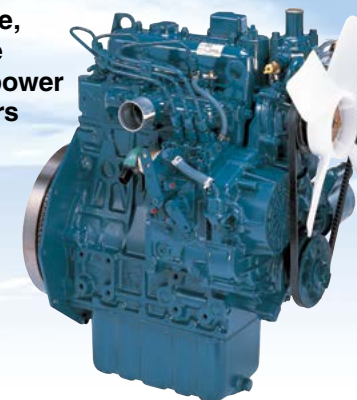
Tough job got you in a corner? Put a U25S to work on it. Zero-tail swing keeps the tail within the width of the tracks, so you can turn the house throughout its 360-degree turning radius without worrying about what is to the side or behind you. Zero-tail swing also ensures excellent balance, stability and fast operation, making the U25S ideal for jobs in congested urban areas.



Clean-running Kubota Engine

Tier IV Certified!

Powerful and dependable, the U25S's diesel engine delivers superior horsepower and performance. It offers low noise and vibration levels, exceptional fuel efficiency, and it is the EPA's 2013 Tier IV certified.



Fuel overflow prevention

The U25S's fuel system warns you when the tank is nearly full. To begin refueling, turn the ignition key to the OFF position and press any of the buttons on the digital panel. The system will begin beeping. When the tank is nearly full, the interval between the beeps will become shorter.

Digital panel

The user-friendly digital panel 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 emergencies such as overheating, hydraulic problems or low battery. With easier access, simpler settings, easy-to-read indicators and alerts, you'll always be aware of the excavator's functioning status.



1. Fuel Level Gauge
2. Water Temperature Gauge
3. Warning Lamps (Overheating, Hydraulic, Battery)
4. LCD Display (Time, Hour, rpm)

Time

Hour Meter

Tachometer



Strong bucket breakout force

The U25S offers a powerful breakout force: 4,850 lbs with the dedicated bucket and quick coupler. That's more than enough to keep the U25S working efficiently even under heavy loads on tough excavating jobs.

Wider foot area

More legroom means more operator comfort. And that means less operator fatigue and greater job efficiency.



Two-pattern Selection System (TPSS)

With a quick flick of a switch, the U25S changes from an ISO to an SAE operating pattern or back again. No tools are needed, and you don't have to leave your seat.



Thumb bracket

The optional hydraulic thumb allows you to handle a variety of loading and digging jobs without stopping to change implements. It works with the bucket to pinch materials for loading and carrying. When no longer needed, it retracts to permit normal excavation. The U25S's factory-installed thumb bracket and auxiliary hydraulics significantly reduce the time needed to mount the hydraulic thumb.



MAX DIGGING DEPTH:
9'3" (2,810 mm)

MAX DIGGING HEIGHT:
14'10" (4,530 mm)

MAX DIGGING RADIUS AT GROUND:
15'4" (4,670 mm)

2-speed travel switch

Changing speeds while dozing is now as easy as pressing a switch on the dozer lever. This 2-speed travel switch offers enhanced control and greater comfort while freeing up space on the floor.

ROPS/OPG (TOP Guard, Level I) canopy

The U25S's ROPS/OPG (TOP Guard, Level I) canopy provides complete protection from accidental rollovers and falling objects. The ROPS/OPG (TOP Guard, Level I) canopies meets the applicable, ISO, SAE, and OSHA standards to ensure an extra level of safety and security on the job.

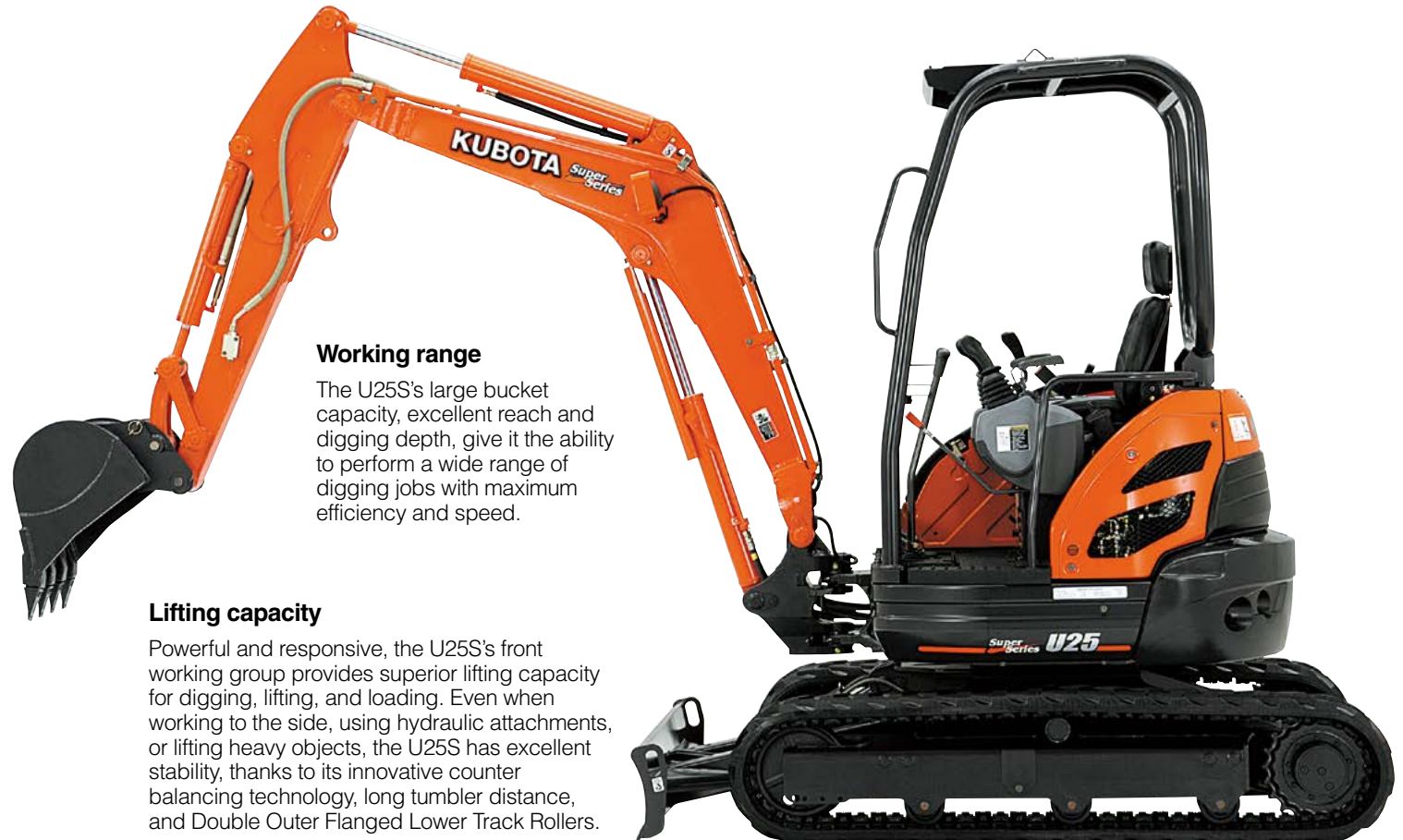
Wrist rests

Adjustable wrist rests help reduce arm movement and increase operator comfort.



Suspension seat

Equipped with wrist rests, the U25S's deluxe seat reduces fatigue and increases productivity by providing optimum comfort for operators of all sizes.



Working range

The U25S's large bucket capacity, excellent reach and digging depth, give it the ability to perform a wide range of digging jobs with maximum efficiency and speed.

Lifting capacity

Powerful and responsive, the U25S's front working group provides superior lifting capacity for digging, lifting, and loading. Even when working to the side, using hydraulic attachments, or lifting heavy objects, the U25S has excellent stability, thanks to its innovative counter balancing technology, long tumbler distance, and Double Outer Flanged Lower Track Rollers.



Protected bucket cylinder hoses

Routing the bucket cylinder hoses within the arm not only provides greater protection, it also improves operator visibility, increases hose service life, and lowers repair costs.



Auxiliary hydraulic system

Designed to accommodate a variety of attachments, such as breakers and augers, the U25S's auxiliary hydraulic system consists of 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.

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.



Well protected front attachment hoses

To protect the front hoses from accidental damage, they are routed through the swing bracket. A metal cover plate at the back of the boom protects the operator should hose damage occur.



Upper track roller

Permanently lubricated upper track rollers, prevent the tracks from hitting the frame while the machine is moving, reducing both noise and wear.



Maintenance

Wide-opening covers provide fast and easy access to all critical engine components. The control valves are located under the deck. Two-piece hose connections for the dozer and boom cylinders simplify hose replacement and reduce downtime.



- 1 Hydraulic oil tank
- 2 Battery
- 3 Fuel tank



- 4 Dual element air cleaner
- 5 Coolant reserve tank
- 6 Fuel filter
- 7 Water separator
- 8 Radiator
- 9 Oil cooler

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

The U25S's Hydraulic Matching System ensures safer loading and off-loading by keeping the U25S traveling in a straight line while operating the boom.

Swivel negative brake

Whenever the engine is stopped or the safety control lever is raised, the swivel negative brake automatically locks the house in its current position, thus eliminating the need for a swivel transport lock pin.

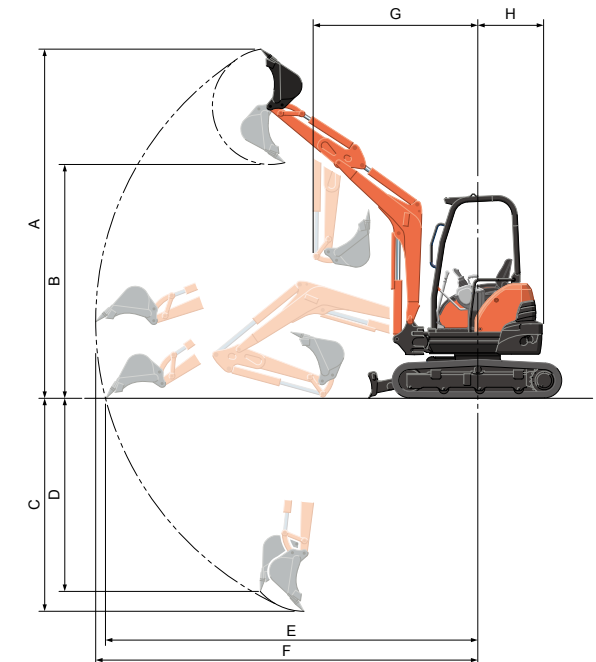
U25S OPTIONS

- Buckets
- Spark arrest muffler
- Travel alarm
- Canopy lights
- Hydraulic thumb
- Quick coupler



WORKING RANGE

Model			U25S	
A	Max. digging height	ft. in. (mm)	14'10" (4530)	
B	Max. dumping height	ft. in. (mm)	10'6" (3210)	
C	Max. digging depth	ft. in. (mm)	9'3" (2810)	
D	Max. vertical digging depth	ft. in. (mm)	8'6" (2580)	
E	Max. digging radius at ground	ft. in. (mm)	15'4" (4670)	
F	Max. digging radius	ft. in. (mm)	15'8" (4770)	
G	Min. turning radius	W/o swing	ft. in. (mm)	6'3" (1900)
		With swing	ft. in. (mm)	4'8" (1420)
H	Min. tail turning radius	ft. in. (mm)	2'6" (760)	



LIFTING CAPACITY

LIFT POINT HEIGHT (ft)	LIFTING CAPACITY OVER-FRONT BLADE DOWN unit=1000lbs			LIFTING CAPACITY OVER-SIDE unit=1000lbs		
	LIFT POINT RADIUS (ft)			LIFT POINT RADIUS (ft)		
	8	10	12	8	10	12
6	1.00	0.91	0.85	1.00	0.78	0.58
4	1.35	1.06	0.91	1.05	0.75	0.57
2	1.66	1.21	0.98	1.01	0.73	0.56
GL	1.80	1.29	1.00	0.98	0.71	0.55

Machine with ROPS canopy and rubber crawler, without bucket

