

SPECIFICATIONS

Model				KX016-4		
Machine weight ^{*1} (cabin / canopy)				kg	1540 / 1490	
Operating weight ^{*2} (cabin / canopy)				kg	1615 / 1565	
Engine	Model		D782-E3-BH			
	Type			Water-cooled, diesel engine, E-TVCS		
	Output ISO14396	PS (kW)/rpm		13.3 (9.8) / 2300		
	Output ISO9249 NET	PS (kW)/rpm		13.1 (9.6) / 2300		
	Number of cylinders			3		
	Bore × Stroke		mm	67 × 73.6		
	Displacement		cc	778		
Dimensions	Overall width		mm	990 / 1240		
	Overall height (cabin / canopy)		mm	2350 / 2330		
	Overall length		mm	3710		
	Ground clearance		mm	160		
	Dozer size (width × height)		mm	990 / 1240 × 230		
	Rubber shoe width		mm	230		
	Minimum front swivel radius		mm	1490		
	Boom swing angle (left / right)		deg	75 / 60		
Hydraulic System	P1, P2		Variable displacement pump			
			Flow rate	ℓ /min	16.6 × 2	
			Hydraulic pressure MPa (kgf/cm ²)	20.6 (210)		
	P3		Gear pump			
			Flow rate	ℓ /min	10.4	
			Hydraulic pressure MPa (kgf/cm ²)	20.1 (205)		
	Auxiliary (AUX)	Max. flow rate	ℓ /min	27.0		
		Max. hydr. pressure MPa (kgf/cm ²)	20.6 (210)			
	Max. digging force		arm	kN (kgf)	7.3 (740)	
			bucket	kN (kgf)	12.7 (1300)	
Hydraulic reservoir (full)			ℓ	28		
Max. travelling speed (low / high)				km/h	2.1 / 3.8	
Ground contact pressure (cabin / canopy)				kPa (kgf/cm ²)	26.5 (0.27) / 25.5 (0.26)	
Swivelling speed				rpm	9.1	
Fuel tank capacity				ℓ	21.0	
Noise level		LpA		dB (A)	78	
		LwA (2000/14/EC)		dB (A)	93	
Vibration ^{*3}	Hand arm system (ISO 5349-2:2001)	Digging	m/s ² RMS	<2.5		
		Levelling	m/s ² RMS	<2.5		
		Driving	m/s ² RMS	<2.5		
		Idling	m/s ² RMS	<2.5		
	Whole body (ISO 2631-1:1997)	Digging	m/s ² RMS	<0.5		
		Levelling	m/s ² RMS	<0.5		
		Driving	m/s ² RMS	<0.5		
		Idling	m/s ² RMS	<0.5		

^{*1} With 32.5 kg Kubota original bucket, full tanks, rubber shoe.

^{*2} Machine weight with 75 kg operator.

^{*3} These values are measured under specific conditions at maximum engine speed and can deviate, depending on the operating status.

LIFTING CAPACITY

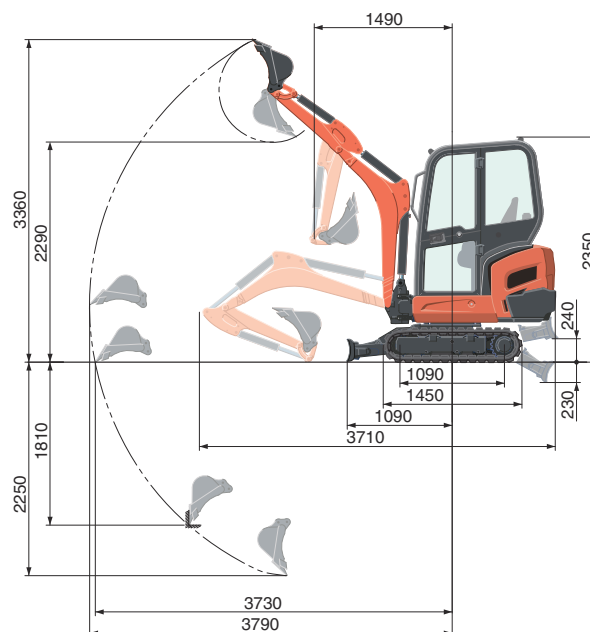
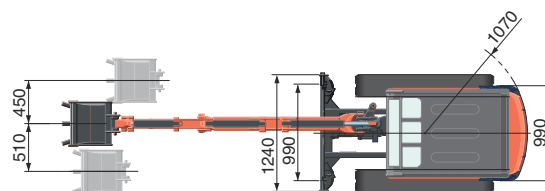
Cabin, Rubber version

Lift Point Height	Lifting point radius (2m)			Lifting point radius (max.)		
	Over-front		Over-side	Over-front		Over-side
	Blade Down	Blade UP		Blade Down	Blade UP	
1.5m	3.0 (0.30)	3.4 (0.35)	3.4 (0.35)	—	—	—
1.0m	4.5 (0.46)	3.6 (0.37)	3.5 (0.36)	—	—	—
0.5m	5.4 (0.55)	3.4 (0.34)	3.3 (0.34)	2.6 (0.27)	1.7 (0.17)	1.7 (0.17)
0m	5.3 (0.54)	3.2 (0.33)	3.2 (0.33)	—	—	—

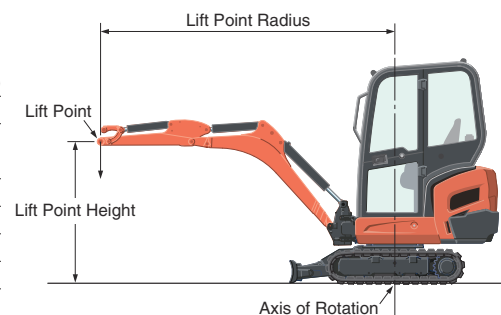
*The lifting capacities are based on ISO 10567 and do not exceed 75% of the static tilt load of the machine or 87% of the hydraulic lifting capacities of the machine.

**The excavator bucket, hook, sling and other lifting accessories are not included on this table.

WORKING RANGE



Unit: mm



★ All images shown are for brochure purposes only.

When operating the excavator, wear clothing and equipment in accordance to local legal and safety regulations.

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