KX033-4 EQUIPMENT

STANDARD EQUIPMENT

Safety system
- Engine start safety system
- Travel motor with disc brake
- Swivel motor with disc brake
- All hydraulic control

Working equipment
- Auxiliary hydraulic circuit 1 with proportional control on right control lever
- 2 working lights on cab and 1 light on the boom
- Dozer blade with float function
- Thumb bracket and relief valve

Operator's Space
- ROPS/OPG (TOP Guard, Level I) canopy
- Weight-adjustable full suspension seat
- Retractable seat belt
- Hydraulic pilot control levers with wrist rests
- Travel levers with foot pedals
- Two pattern selection system
- Digital panel with diagnosis function
- 12V power source
- Cup holder
- Horn

Engine/Fuel system
- Double element air filter
- Auto idling system
- Water separator with drain cock

Undercarriage
- 11.8" (300mm) rubber track
- 1 × upper track roller
- 5 double-flange track rollers on each side
- 2-speed travel switch on dozer lever
- 2-speed travel with auto-shift

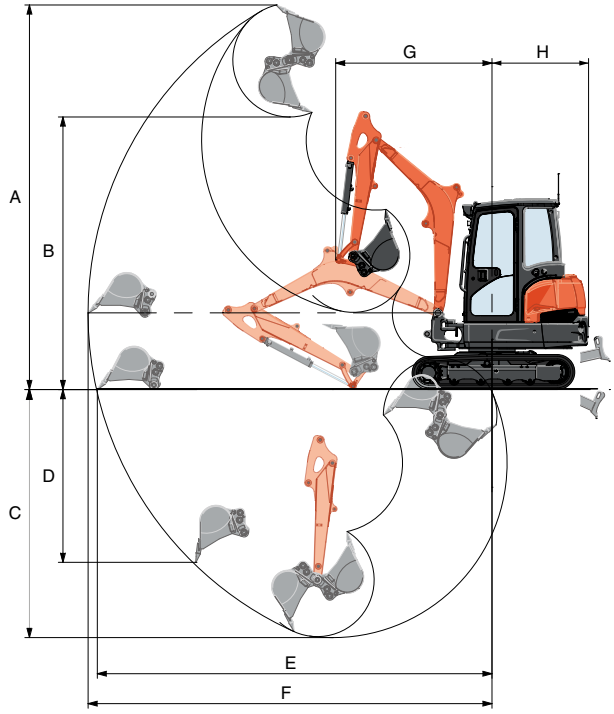
Hydraulic system
- Pressure accumulator
- Hydraulic pressure checking ports
- Straight travel circuit
- Third line hydraulic return
- 2 variable pumps and 1 gear pump
- Adjustable maximum oil flow on auxiliary hydraulic circuits 1
- Auxiliary switch (AUX1) on right control lever

Others
- Tool box
- Grease gun holder

OPTIONAL EQUIPMENT
- Cab with A/C
- Canopy lights
- Rear working lights
- Beacon lights
- Angle blade with float function and BOE
- Travel alarm
- Spark arrest muffler
- Extendable arm

WORKING RANGE

Model				KX033-4		
				Standard	Extended	Retracted
A	Max. digging height		ft. in. (mm)	16'4"(4980)	15'9"(4808)	14'9"(4494)
B	Max. dumping height		ft. in. (mm)	11'7"(3530)	11'5"(3479)	10'5"(3166)
C	Max. digging depth		ft. in. (mm)	10'6"(3210)	12'2"(3709)	9'7"(2927)
D	Max. vertical digging depth		ft. in. (mm)	7'4"(2235)	8'9"(2664)	6'1"(1863)
E	Max. digging radius at ground		ft. in. (mm)	16'10"(5120)	17'10"(5452)	15'6"(4730)
F	Max. digging radius		ft. in. (mm)	17'2"(5230)	18'3"(5555)	16'0"(4867)
G	Min. turning radius	W/o swing	ft. in. (mm)	6'7"(2020)	7'3"(2206)	6'11"(2099)
		W swing	ft. in. (mm)	4'11"(1510)	6'4"(1927)	6'0"(1823)
H	Min. tail turning radius		ft. in. (mm)	4'1"(1250)	–	–

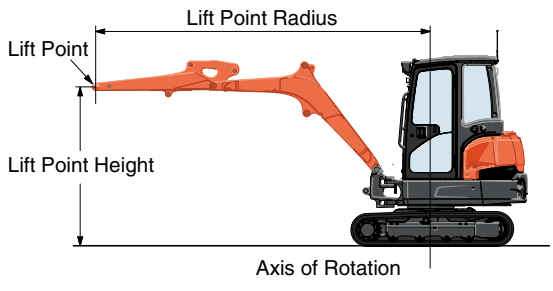


LIFTING CAPACITY

Canopy rubber — Standard / Extended

LIFTING POINT HEIGHT (ft)		LIFTING CAPACITY OVER-FRONT BLADE DOWN unit=1000 lbs			LIFTING CAPACITY OVER-SIDE unit=1000 lbs		
		LIFT POINT RADIUS (ft)			LIFT POINT RADIUS (ft)		
		10	14	MAX	10	14	MAX
	6	1.37 / 0.98	1.23 / 0.98	1.23 / 0.99	1.37 / 0.98	0.89 / 0.87	0.84 / 0.71
	4	1.66 / 1.32	1.29 / 1.09	1.27 / 1.04	1.42 / 1.32	0.87 / 0.85	0.81 / 0.67
	2	1.92 / 1.68	1.36 / 1.20	1.30 / 1.10	1.38 / 1.42	0.86 / 0.82	0.81 / 0.66
GL	0	2.10 / 1.97	1.38 / 1.30	1.34 / 1.17	1.35 / 1.36	0.86 / 0.79	0.83 / 0.67

Machine with ROPS canopy and rubber crawler, without bucket

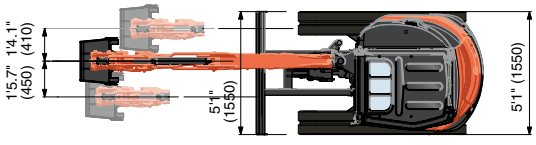


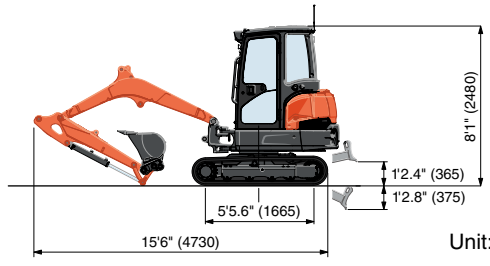
SPECIFICATIONS

Model				KX033-4	KX033-4 Angle Blade
Arm				Standard	
Type of ROPS / OPG (TOP Guard, Level Ⅰ)				Canopy / Cab	
Type of tracks				Rubber / Steel	
Engine	Model			Kubota D1703M-DI-E4	
	Output (SAE J1995 gross)		HP (kW) / rpm	24.8 (18.5) / 2200	
	Output (SAE J1349 net)		HP (kW) / rpm	23.2 (17.3) / 2200	
	Displacement		cu. in. (cc)	100.5 (1647)	
Dimensions	Overall length		ft. in. (mm)	15'6" (4730)	
	Overall height		ft. in. (mm)	8'1" (2480) / 8'1" (2470)	
	Overall width		ft. in. (mm)	5'1" (1550)	
	Min. ground clearance		in. (mm)	11.4 (290)	
	Boom offset	Right / Left	ft. in. (mm)	1'4.1" (410) / 1'5.7" (450)	
	Blade lift	Upper / Low	ft. in. (mm)	1'2.4" (365) / 1'2.8" (375)	
Hydraulic system	Pump capacity		GPM (ℓ/min)	10.5 (39.6) x 2 / 5.5 (20.9) x 1	
	Auxiliary hydraulic flow		GPM (ℓ/min)	15.8 (60)	
	Max. breakout force	Bucket / Arm	lbs. (kgf)	8138 (3694) / 3867 (1756)	
Drive system	Travel speed	Low / High	mph (km/h)	1.9 (3.0) / 2.9 (4.6)	
	Max. traction force	Low speed	lbs. (kgf)	6091 (2763)	
	Tumbler distance		ft. in. (mm)	5'5.6" (1665)	
	Crawler length		ft. in. (mm)	6'10.6" (2100)	
	Shoe width	Rubber / Steel	in. (mm)	11.8 (300)	
	Ground contact pressure*2	Canopy Rubber / Steel	psi (kgf/cm²)	4.365 (0.307) / 4.482 (0.315)	4.583 (0.322) / 4.700 (0.331)
		Cab Rubber / Steel	psi (kgf/cm²)	4.559 (0.321) / 4.676 (0.329)	4.776 (0.336) / 4.894 (0.344)
Swing system	Unit swing speed		rpm	8.9	
	Boom swing angle	Left / Right	degree	70 / 48	
Blade	Dimensions	Width	ft. in. (mm)	5'1" (1550)	
		Height	ft. in. (mm)	1'1.5" (345)	1'3.2" (385)
	Max. lift above ground		in. (mm)	14.4 (365)	15.9 (405)
	Max. drop below ground		in. (mm)	14.8 (375)	18.9 (480)
	Angle	Left / Right	degree	-	25 / 25
Hydraulic oil (Reservoir / System)			gal (ℓ)	11.8 (44.6) / 16.1 (61)	
Fuel reservoir			gal (ℓ)	12.4 (46.9)	
Operating weight*1 (Including operator's weight @ 165 lbs.)		Canopy Rubber / Steel	lbs. (kgf)	7420 (3365) / 7616 (3454)	7781 (3529) / 7978 (3618)
		Cab Rubber / Steel	lbs. (kgf)	7742 (3511) / 7938 (3600)	8104 (3675) / 8300 (3764)

*1 Operating weight will increase 440lbs. (200kg) when extendable arm is equipped.
*2 Ground contact pressure will increase 0.265 psi when extendable arm is equipped.

DIMENSIONS





Unit: ft. in. (mm)

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