



Kubota



CERTIFIED
STAGE 

*U17-3αHI only

U17-3α/3αHI*

1.5-2 TONNE MINI EXCAVATOR

Taking versatility to new levels

Machine Weight (canopy) 1650/1700 kg

Engine output 16PS/11.8kW

U17-3α/3αH | EXCAVATOR SPECIFICATIONS

*Rubber shoe type

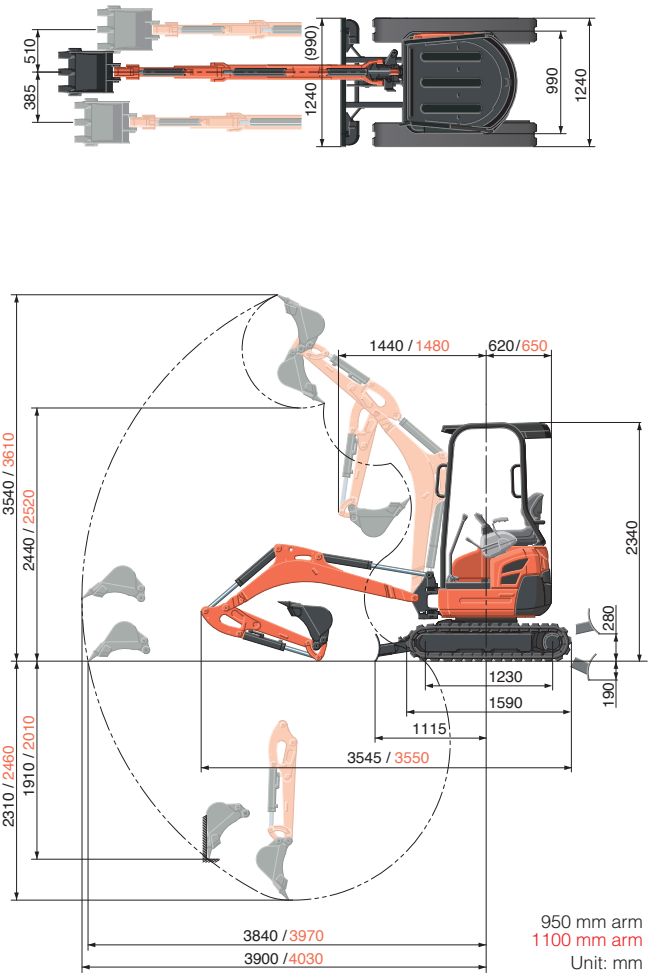
Model				U17-3 α	
				Standard version	Long arm version
Machine weight ¹			kg	1575	1625
Operating weight ²			kg	1650	1700
Engine	Model		D902-E4		
	Type		Water-cooled, diesel engine, E-TVCS		
	Output ISO9249 NET	PS/rpm	15.4 / 2300		
		kW/rpm	11.3 / 2300		
	Number of cylinders		3		
	Bore × Stroke	mm	72 × 73.6		
Displacement		cc	898		
Dimensions	Overall width		mm	990 / 1240	
	Overall height		mm	2340	
	Overall length		mm	3545	3550
	Ground clearance		mm	160	
	Dozer size (width × height)		mm	990 / 1240 × 265	
	Rubber shoe width		mm	230	
	Minimum front swivel radius		mm	1440	1480
	Boom swing angle (left / right)		deg	65 / 58	
Hydraulic System	P1, P2		Variable displacement pump		
			Flow rate ℓ / min		17.3 × 2
			Hydraulic pressure MPa (kgf/cm ²)		21.6 (220)
	P3		Gear pump		
			Flow rate ℓ / min		10.4
			Hydraulic pressure MPa (kgf/cm ²)		18.6 (190)
	Auxiliary (AUX)		Max. flow rate ℓ / min		27.7
			Max. hydr. pressure MPa (kgf/cm ²)		18.6 (190)
	Max. digging force		arm kN (kgf)	8.5 (865)	7.3 (744)
			bucket kN (kgf)	15.2 (1550)	15.2 (1550)
Hydraulic reservoir (tank / full)		ℓ	13	21	
Max. travelling speed (low / high)			km/h	2.2 / 4.1	
Ground contact pressure			kPa (kgf/cm ²)	27 (0.28)	28 (0.29)
Swivelling speed			rpm	9.1	
Fuel tank capacity			ℓ	19	
Noise level		LpA	dB (A)	80	
		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	<2.75	
		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	<0.64	
		Idling	m/s ² RMS	<0.5	

¹ With 33.5 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.

WORKING RANGE



LIFTING CAPACITY

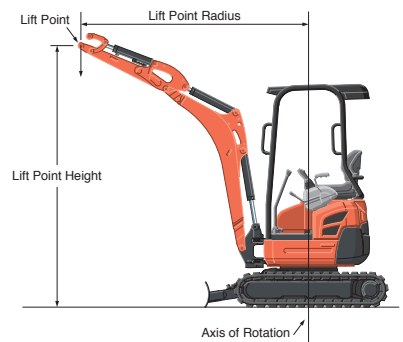
Lift Point Height		kN (ton)								
		Lift point radius (1.5m)			Lift point radius (2m)			Max. lift point radius		
		Over-front		Over-side	Over-front		Over-side	Over-front		Over-side
2m	950 Arm	Blade Down	Blade Up		Blade Down	Blade Up		Blade Down	Blade Up	
	1100 Arm	-	-	-	2.6 (0.27)	2.6 (0.27)	2.6 (0.27)	-	-	-
1.5m	950 Arm	4.4 (0.45)	4.4 (0.45)	4.4 (0.45)	3.8 (0.39)	3.4 (0.34)	3.1 (0.32)	-	-	-
	1100 Arm	-	-	-	3.0 (0.31)	3.0 (0.31)	3.0 (0.31)	-	-	-
0.5m	950 Arm	-	-	-	5.8 (0.59)	3.0 (0.31)	2.8 (0.29)	2.7 (0.28)	1.5 (0.15)	1.4 (0.14)
	1100 Arm	-	-	-	5.4 (0.55)	2.9 (0.30)	2.7 (0.27)	2.4 (0.25)	1.3 (0.14)	1.2 (0.13)
0m	950 Arm	-	-	-	5.5 (0.56)	3.0 (0.30)	2.7 (0.28)	-	-	-
	1100 Arm	5.0 (0.51)	4.3 (0.44)	3.9 (0.40)	5.3 (0.54)	2.8 (0.28)	2.6 (0.26)	-	-	-
-0.5m	950 Arm	6.8 (0.70)	4.6 (0.47)	4.2 (0.43)	4.9 (0.50)	2.9 (0.30)	2.7 (0.28)	-	-	-
	1100 Arm	7.0 (0.71)	4.3 (0.44)	3.9 (0.40)	4.8 (0.49)	2.8 (0.28)	2.5 (0.26)	-	-	-
-1.5m	950 Arm	4.5 (0.46)	4.5 (0.46)	4.3 (0.44)	3.1 (0.31)	3.0 (0.31)	2.8 (0.28)	-	-	-
	1100 Arm	4.7 (0.48)	4.4 (0.45)	4.0 (0.41)	3.2 (0.33)	2.8 (0.29)	2.6 (0.26)	-	-	-

Please note:

* Above figures shown are with rubber shoe and crawler fully extended.

* 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 capacity of the machine.

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



* Working ranges are with Kubota original bucket, without quick coupler.

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