



Kubota



U10-5

0-1.5 TONNE MICRO EXCAVATOR

Super compact excavator with enhanced operator protection

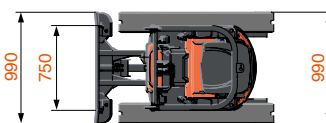
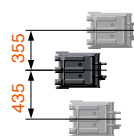
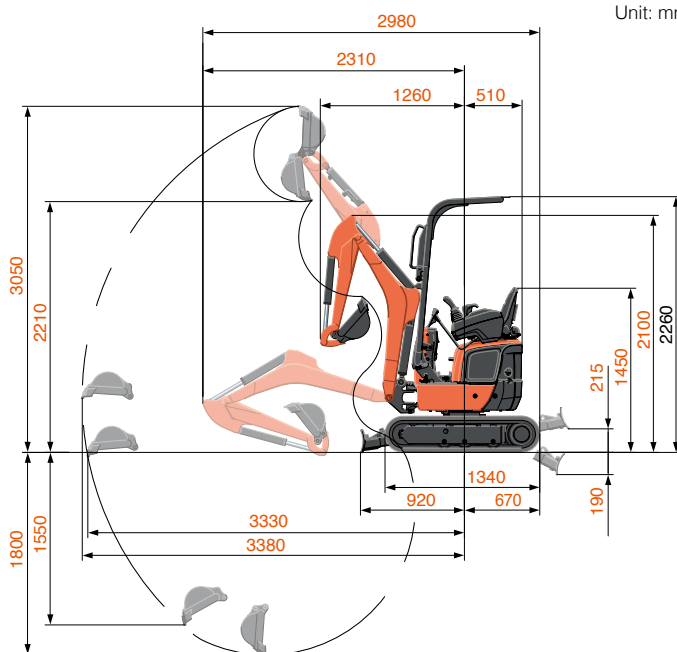
Machine weight (canopy) 1050KG

Engine output 10.3PS/7.6kW

U10-5 | EXCAVATOR SPECIFICATIONS

Machine weight / Operating weight			kg	1125 / 1200
Bucket capacity std. SAE/CECE			m ³	0.024/0.020
Bucket width	with side teeth		mm	398
	without side teeth		mm	380
Engine	Model		D722-E4-BH-5	
	Type		Water-cooled, diesel engine E-TVCS	
	Output (ISO 14396:2002)		PS(kW)/rpm	10.3(7.6)/2050
	Output (ISO 9249 NET)		PS(kW)/rpm	10.2(7.5)/2050
	Number of cylinders			3
	Bore×Stroke		mm	67×68
Dimensions	Displacement		cc	719
	Overall length		mm	2980
	Overall height		mm	2260
	Swiveling speed		rpm	8.3
	Rubber shoe width		mm	180
	Tumbler distance		mm	1010
	Dozer size(width×height)		mm	750/990×200
Hydraulic pumps	P1, P2			Gear pump
	Flow rate		l/min	10.5+10.5
	Hydraulic pressure		MPa (kgf/cm ²)	17.2(175)
	P3			Gear pump
	Flow rate		l/min	3.1
Max digging force	Hydraulic pressure		MPa (kgf/cm ²)	3.9 (40)
	Arm	kN(kgf)		5.4(550)
	Bucket	kN(kgf)		10.4(1060)
Boom swing angle (left/right)		deg	55/55	
Auxiliary circuit	Flow rate		l/min	21
	Hydraulic pressure		MPa (kgf/cm ²)	17.2(175)
Hydraulic reservoir			l	12.6
Fuel tank capacity			l	12
Max traveling speed (low/high)			km/h	2/4
Ground contact pressure			kPa(kgf/cm ²)	29.0(0.30)
Ground clearance			mm	140
Noise level	LpA/LwA (2000/14/EC)		dB (A)	77/90
Vibration	Hand arm system (ISO 5349-2:2001)	Digging / Levelling	m/s2 RMS	<2.5 / <2.5
		Driving / Idling	m/s2 RMS	5.93 / <2.5
	Whole body (ISO 2631-1:1997)	Digging / Levelling	m/s2 RMS	<0.5 / <0.5
		Driving / Idling	m/s2 RMS	2.32 / <0.5
	Boom speed	up/down	sec	2.5/2.8
	Arm speed	crowd/dump	sec	4.0/2.8
	Bucket speed	crowd/dump	sec	2.9/1.9
	Dozer speed	(Full)up/down	sec	1.3/1.0
	Swivel speed		rpm	8.3

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Unit: mm



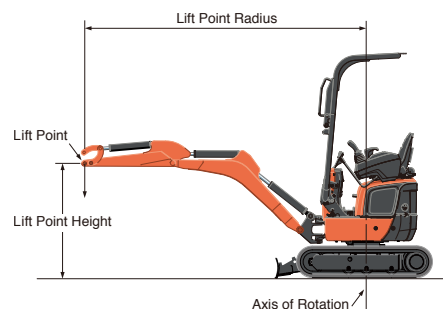
* Working ranges are with Kubota original bucket, without quick coupler.
* Specifications are subject to change without notice for purpose of improvement.

LIFTING CAPACITY

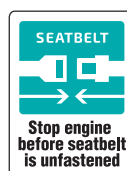
	LOAD RADIUS (mm)								kN (t)
Lift Point Height	Radius 1500			Radius 2000			Radius Max		
	Over-front		Over-side	Over-front		Over-side	Over-front		Over-side
	Blade Down	Blade Up		Blade Down	Blade Up		Blade Down		Blade Up
2.0m				1.8 (0.18)	1.8 (0.18)	1.6 (0.16)			
1.5m				1.9 (0.19)	1.8 (0.19)	1.6 (0.16)			
1.0m	3.1 (0.31)	2.8 (0.28)	2.3 (0.24)	2.3 (0.24)	1.8 (0.18)	1.5 (0.15)			
0.5m	4.4 (0.45)	2.5 (0.26)	2.1 (0.21)	2.7 (0.27)	1.7 (0.17)	1.4 (0.14)	1.5 (0.15)	0.9 (0.10)	0.8 (0.08)
0m	4.1 (0.42)	2.4 (0.24)	2.0 (0.20)	2.6 (0.27)	1.6 (0.16)	1.3 (0.14)			
-0.5m	3.4 (0.35)	2.4 (0.24)	2.0 (0.20)	2.3 (0.23)	1.5 (0.16)	1.3 (0.13)			
-1.0m	2.6 (0.26)	2.4 (0.24)	2.0 (0.20)	1.7 (0.18)	1.6 (0.16)	1.3 (0.13)			

Please note:

- * 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.



Kubota (U.K.) Limited
Dormer Road, Thame, Oxfordshire OX9 3UN
Telephone: 01844 268140
Fax: 01844 216685
www.kubota.co.uk



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