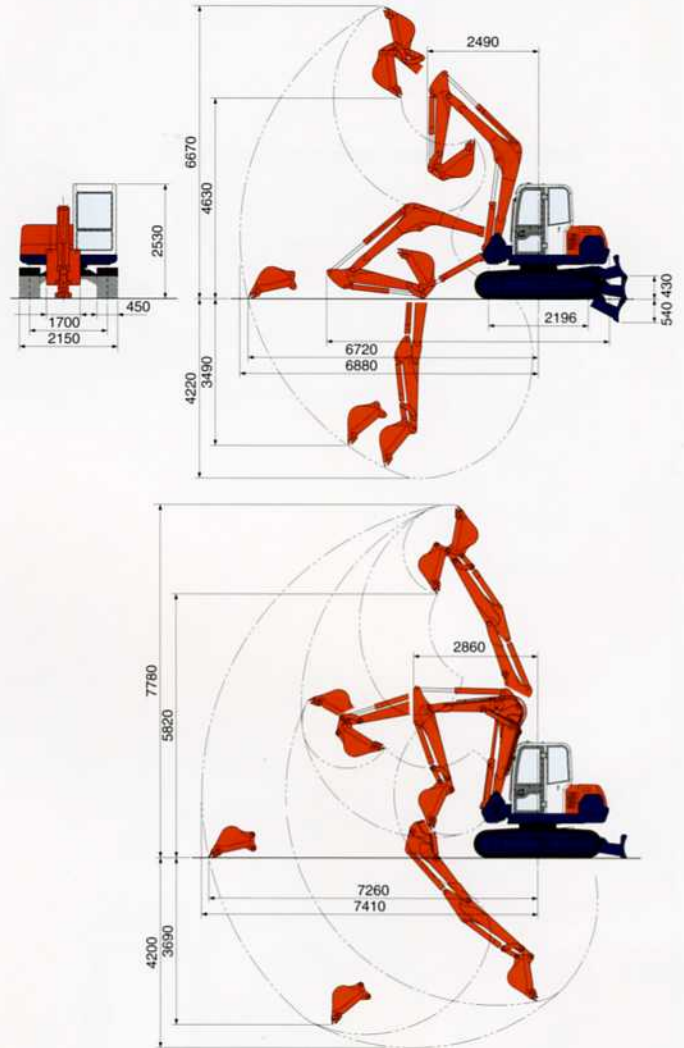


SPECIFICATIONS

Model		KX251 α		KX251 α Articulated boom	
Machine weight (rubber shoe type)	Rubber crawler	kg	7430	kg	7860
	Steel crawler	kg	7530	kg	7960
Bucket capacity, std. SAE/CECE		m ³	0.25		
Bucket width	with side teeth	mm	750		
	without side teeth	mm	680		
Engine		V3300-B			
Type		Water-cooled, diesel engine E-TVCS (Economical, ecological type)			
Output ISO 9249	PS/rpm	59.0/2300			
	kW/rpm	43.4/2300			
Number of cylinders		4			
Bore x stroke		mm	98 x 100		
Displacement		cc	3318		
Overall length		mm	6285	mm	6060
Overall height	Cabin	mm	2555		
Swivelling speed		rpm	9.7		
Rubber shoe width		mm	450		
Tumbler distance		mm	2196		
Dozer size (width x height)		mm	2150 x 510		
Hydraulic pumps		Variable displacement pump			
P1, P2		Variable displacement pump			
Flow rate		ℓ/min	78.2		
Hydraulic pressure		Mpa (kgf/cm ²)	25.5		
P3		Gear pump			
Flow rate		ℓ/min	46.7		
Hydraulic pressure		Mpa (kgf/cm ²)	23.5		
Max. digging force	Arm	kN (kgf)	37.2		
	Bucket	kN (kgf)	51.5		
Boom swing angle (left/right)		80/50			
Auxiliary circuit	Flow rate	ℓ/min	78.2		
	Pressure	Mpa (kgf/cm ²)	25.5		
Hydraulic reservoir		ℓ	85		
Fuel tank capacity		ℓ	130		
Max. traveling speed	Low	km/h	3.1		
	High	km/h	4.8		
Ground contact pressure	Cabin (std./light)	kPa (kgf/cm ²)	34 (0.34)	mm	36 (0.37)
Ground clearance		mm	420		

*with rubber shoe type

WORKING RANGE



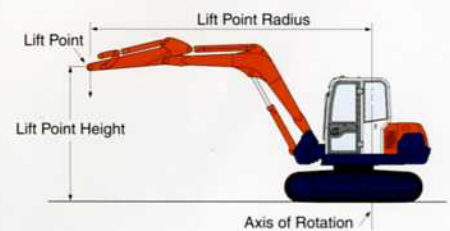
Unit: mm

LIFTING CAPACITY

Lift Point Height	[kN (ton)]						
	Lifting point radius (4.5 m)			Lifting point radius (5.5m)			
	Over-front		Overside	Over-front			Overside
Blade Down	Blade UP	Blade Down		Blade UP	Overside		
STD Arm	2.5 m	18.3 (1.87)	14.7 (1.50)	10.9 (1.11)	16.6 (1.70)	10.3 (1.06)	7.6 (0.77)
	1.5 m	21.7 (2.21)	14.1 (1.44)	10.4 (1.06)	18.0 (1.84)	10.1 (1.04)	7.4 (0.75)
	0 m	25.1 (2.56)	13.4 (1.37)	9.7 (0.99)	19.2 (1.96)	9.8 (1.00)	7.1 (0.72)
Articulated boom	2.5 m	11.1 (1.13)	11.1 (1.13)	10.3 (1.06)	8.0 (0.82)	8.0 (0.82)	7.2 (0.74)
	1.5 m	13.4 (1.37)	13.4 (1.37)	9.6 (0.98)	8.9 (0.91)	8.9 (0.91)	6.3 (0.64)
	0 m	17.7 (1.81)	12.7 (1.29)	8.8 (0.91)	10.5 (1.07)	9.3 (0.95)	6.5 (0.66)

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.



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

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