

KX251a

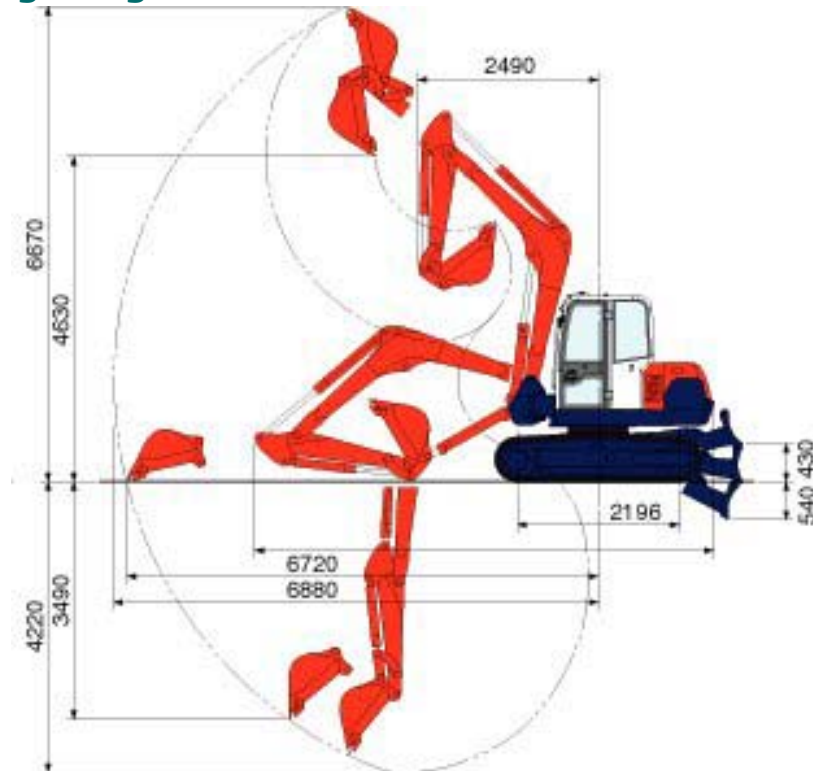


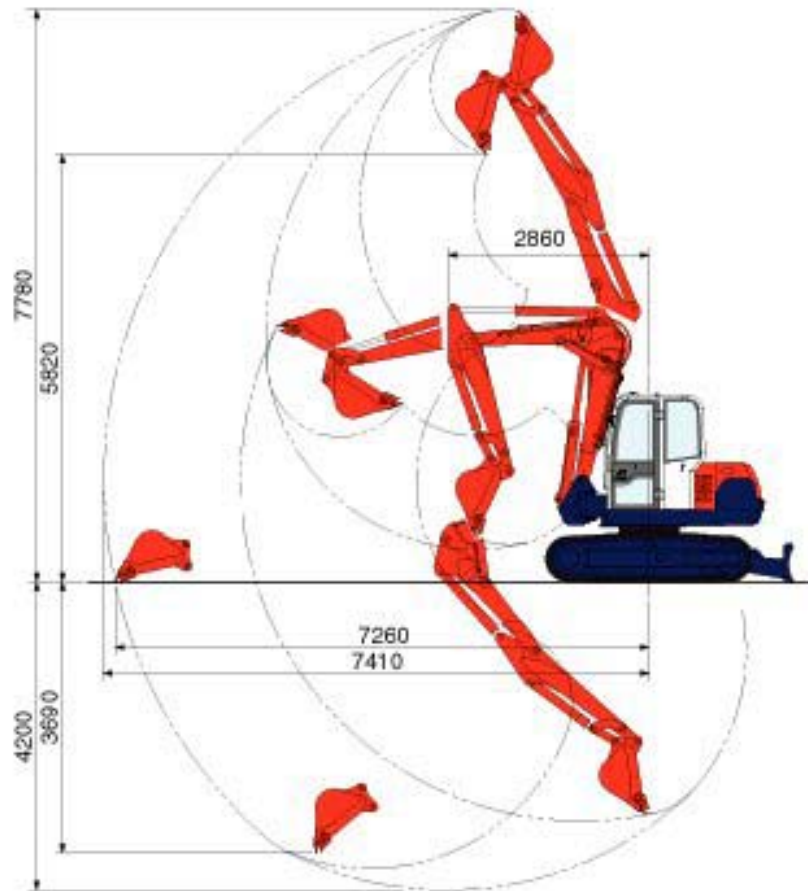
Specifications

Model			KX251a	KX251a Articulated boom
Machine weight (rubber shoe type)	Rubber crawler	Kg	7430	7860
	Steel crawler	Kg	7530	7960
Bucket capacity, std. SAE/CECE		m3	0.25	
Bucket width	with side teeth	mm	750	
	without side teeth	mm	680	
Engine	Model		V3300-B	
	Type		Water-cooled, diesel engine E-TVCS (Economical, ecological type)	
	Output ISO9249	PS/rpm	59.0/2300	
		kW/rpm	43.4/2300	
	Number of cylinders		4	
	Bore x stroke	mm	98.0 x 100.0	
Displacement	cc	3318		
Overall length		mm	6285	6060
Overall height	Cabin	mm	2315	
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	P1, P2		Variable displacement pump	
	Flow rate	ltr/min	78.2	
	Hydraulic pressure	MPa(kgf/cm ²)	25.5	

	Flow Rate	ltr/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)		deg	80/50	
Auxiliary circuit	Flow Rate		78.2	
	Pressure	MPa(kgf/cm ²)	25.5	
Hydraulic reservoir		ltr	85	
Fuel tank capacity		ltr	130	
Max. traveling speed	Low	km/h	3.1	2.0
	High	km/h	4.8	
Ground contact pressure	With cabin (std./light)	kPa(kgf/cm ²)	34 (0.34)	36 (0.37)
Ground clearance		mm	420	

Working Range





Lifting Capacity

kN (ton)

	Lift Point Height	Lifting point radius (4.5m)			Lifting point radius (5.5m)		
		Over-front		Over-side	Over-front		Over-side
		Blade Down	Blade Up		Blade Down	Blade Up	
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)
	0.0 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)
Artic 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)

