

# KUBOTA KX080-3

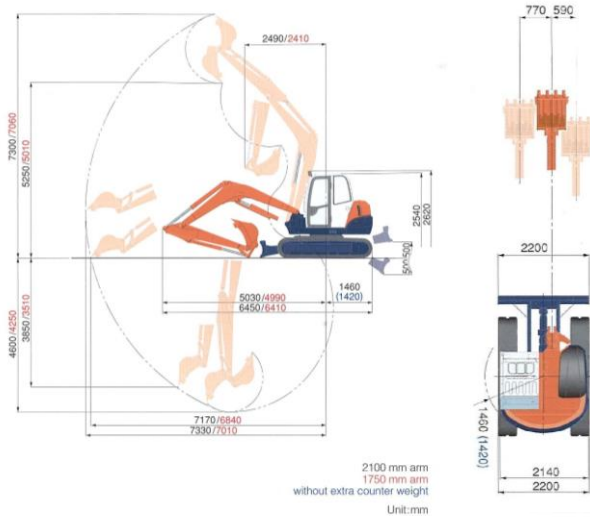
## SPECIFICATIONS

\*with rubber shoe, JPN bucket and 2100 mm arm

Machine weight (w/o extra counter weight)	kg	8195 (7960)	
Bucket capacity, std. SAE/CECE	m <sup>3</sup>	0.25/0.21	
Bucket width	With side teeth	mm 800	
	Without side teeth	mm 700	
Engine	Model	V3800DI	
	Type	Water-cooled, diesel engine E-TVCS (Economical, ecological type)	
	Output ISO9249	PS/rpm	65.0/2000
		kW/rpm	47.8/2000
	Number of cylinders		4
	Bore × Stroke	mm	100 × 120
Displacement	cc	3769	
Overall length	mm	6410	
Overall height	mm	2540	
Overall width	mm	2200	
Swivelling speed	rpm	9.5	
Rubber shoe width	mm	450	
Tumbler distance	mm	2300	
Dozer size (width × height)	mm	2200 × 500	
Hydraulic pumps	P1, P2	Variable displacement pump	
	Flow rate	ℓ/min	72.0 × 2
	Hydraulic pressure	MPa (kgf/cm <sup>2</sup> )	27.5 (280)
	P3	Gear type	
	Flow rate	ℓ/min	66.6
Max. digging force	Arm	kN (kgf)	38.1 (3880)
	Bucket	kN (kgf)	65.2 (6650)
Boom swing angle (left/right)	deg	70/60	
Auxiliary circuit	Flow rate	ℓ/min	100
	Hydraulic pressure	MPa (kgf/cm <sup>2</sup> )	20.6 (210)
Hydraulic reservoir	ℓ	75	
Fuel tank capacity	ℓ	115	
Max. travelling speed	Low	km/h	2.8
	High	km/h	5.1
Ground contact pressure	kPa (kgf/cm <sup>2</sup> )	34.6 (0.353)	
Ground clearance	mm	390	



## WORKING RANGE



## LIFTING CAPACITY

Lift Point Height	Lifting point radius (3m)	kN (ton)					
		Over-front			Over-side		
		Blade Down	Blade UP	Over-side	Blade Down	Blade UP	Over-side
3m	1750 mm	25.0 (2.55)	25.0 (2.55)	25.0 (2.55)	19.6 (2.00)	19.6 (2.00)	17.2 (1.75)
	2100 mm	21.1 (2.15)	21.1 (2.15)	21.1 (2.15)	17.7 (1.80)	17.7 (1.80)	17.2 (1.75)
2m	1750 mm	36.3 (3.70)	33.3 (3.40)	24.0 (2.45)	23.5 (2.40)	21.1 (2.15)	16.2 (1.65)
	2100 mm	32.4 (3.30)	32.4 (3.30)	25.0 (2.55)	22.1 (2.25)	21.6 (2.20)	16.2 (1.65)
1m	1750 mm	30.9 (3.15)	30.9 (3.15)	22.1 (2.25)	27.0 (2.75)	20.1 (2.05)	15.2 (1.55)
	2100 mm	40.2 (4.10)	31.4 (3.20)	22.6 (2.30)	26.0 (2.65)	20.1 (2.05)	15.2 (1.55)
0m	1750 mm	41.2 (4.20)	30.4 (3.10)	21.6 (2.20)	27.9 (2.85)	19.6 (2.00)	14.2 (1.45)
	2100 mm	41.7 (4.25)	30.4 (3.10)	19.6 (2.00)	27.9 (2.85)	19.6 (2.00)	14.2 (1.45)

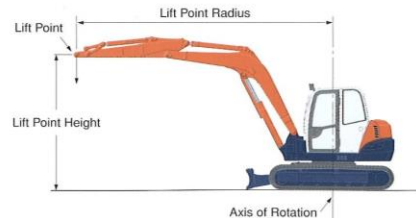
  

Lift Point Height	Lifting point radius (3m)	kN (ton)					
		Over-front			Over-side		
		Blade Down	Blade UP	Over-side	Blade Down	Blade UP	Over-side
3m	1750 mm	25.0 (2.55)	25.0 (2.55)	25.0 (2.55)	19.6 (2.00)	19.6 (2.00)	15.7 (1.60)
	2100 mm	21.1 (2.15)	21.1 (2.15)	21.1 (2.15)	17.7 (1.80)	17.7 (1.80)	16.2 (1.65)
2m	1750 mm	36.3 (3.70)	30.9 (3.15)	22.1 (2.25)	23.5 (2.40)	19.6 (2.00)	14.7 (1.50)
	2100 mm	32.4 (3.30)	31.9 (3.25)	23.0 (2.35)	22.1 (2.25)	19.6 (2.00)	14.7 (1.50)
1m	1750 mm	30.9 (3.15)	28.9 (2.95)	20.6 (2.10)	27.0 (2.75)	18.6 (1.90)	13.7 (1.35)
	2100 mm	40.2 (4.10)	28.9 (2.95)	20.6 (2.10)	26.0 (2.65)	18.6 (1.90)	13.7 (1.35)
0m	1750 mm	41.2 (4.20)	27.9 (2.85)	20.1 (2.05)	27.9 (2.85)	17.7 (1.80)	13.2 (1.35)
	2100 mm	41.7 (4.25)	27.9 (2.85)	19.6 (2.00)	27.9 (2.85)	17.7 (1.80)	13.2 (1.35)

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.