

Specifications

* With 75 kg operator, 176.6 kg original KUBOTA bucket and fully served

Model		MONO	2PB
Operating weight*1	kg	8467	9172
Bucket capacity, std. CECE	m³	0.21	0.21
Bucket width (without teeth)	mm	800	800
Engine			
Manufacturer		KUBOTA	KUBOTA
Model		V3307-CR-TE5-BH-1	V3307-CR-TE5-BH-1
Type		Water-cooled, diesel engine E-CDIS (with CRS and DPF)	Water-cooled, diesel engine E-CDIS (with CRS and DPF)
Emission standard		EU Stage V	EU Stage V
Output (ISO 14396:2002)*2	PS (kW) / rpm	66.6 (49.0) / 2000	66.6 (49.0) / 2000
Output ISO 9249 NET*2	PS (kW) / rpm	63.2 (46.5) / 2000	63.2 (46.5) / 2000
Number of cylinder		4	4
Bore x Stroke	mm	94 x 120	94 x 120
Displacement	cc	3331	3331
Fuel*3		Diesel fuel conforming to EN590 / HVO conforming to EN 15940	
Overall length	mm	6450	6940
Overall height	mm	2540	2540
Swivelling speed	rpm	9.8	9.8
Rubber shoe width	mm	450	450
Tumbler distance	mm	2300	2300
Dozer size (width x height)	mm	2200 x 500	2200 x 500
Hydraulic pumps			
P1, P2		Variable displacement pump	Variable displacement pump
Flow rate	ℓ / min	84.6 x 2	84.6 x 2
Hydraulic pressure	MPa	27.4	27.4
Max. digging force (arm / bucket)	kN	38.1 / 65.2	38.1 / 65.2
Boom swing angle	deg	70 / 60	70 / 60
Auxiliary circuit (SP1)			
Flow rate	ℓ / min	100	100
Hydraulic pressure	MPa	20.6	20.6
Auxiliary circuit (SP2)			
Flow rate	ℓ / min	55.8	55.8
Hydraulic pressure	MPa	20.6	20.6
Hydraulic reservoir (tank)	ℓ	75	75
Fuel tank capacity	ℓ	115	115
Max. travelling speed (low / high)	km / h	2.7 / 4.8	2.7 / 4.8
Ground contact pressure	kPa (kgf / cm²)	36.7 (0.374)	39.8 (0.406)
Ground clearance	mm	356	356
Noise level			
LpA / LwA (2000 / 14 / EC)	dB (A)	72 / 96	72 / 96
Vibration*4			
Hand arm system (ISO 5349-2:2001)			
Digging / Levelling	m / s² RMS	<2.5 / <2.5	<2.5 / <2.5
Driving / Idling	m / s² RMS	4.40 / <2.5	4.40 / <2.5
Whole body (ISO 2631-1:1997)			
Digging / Levelling	m / s² RMS	<0.5 / <0.5	<0.5 / <0.5
Driving / Idling	m / s² RMS	<0.879 / <0.5	<0.879 / <0.5

*1 With 75 kg operator, 176.6 kg original KUBOTA bucket and fully served.

*2 With diesel fuel conforming to EN590.

*3 Note that HVO has lower density than diesel fuels.

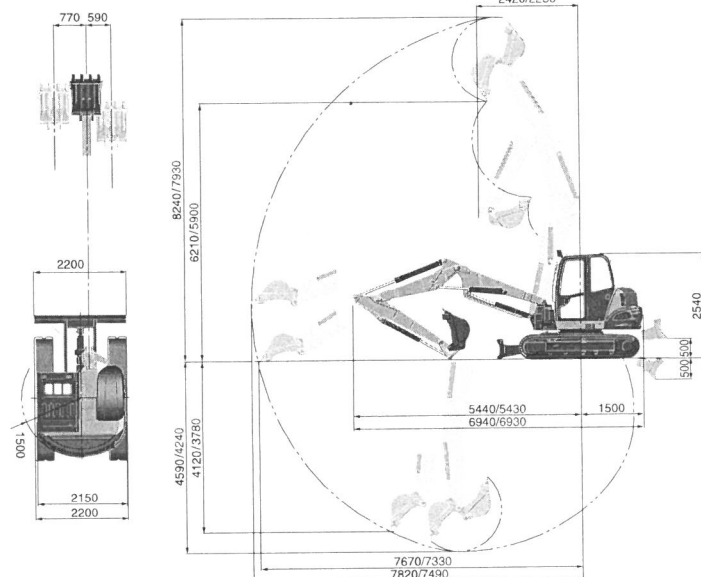
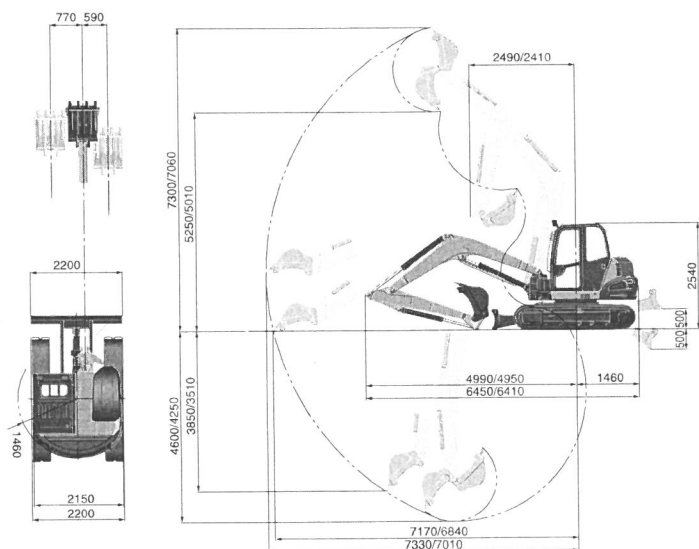
*4 These values are measured under specific conditions at maximum engine speed and can deviate, depending on the operating status.

2100 mm arm
1750 mm arm

Working range

2-PIECE BOOM VERSION

Unit: mm



Lifting capacity

kN (ton)

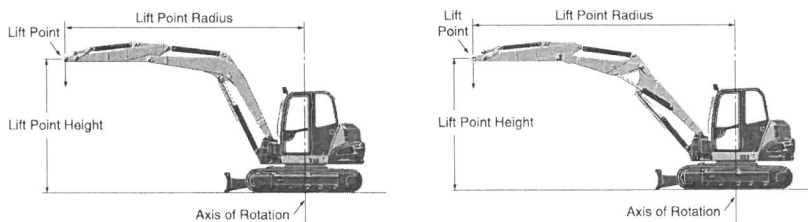
Model					MONO								
Lift Point Height		Lift point radius (min.)			Lift point radius (4m)			Lift point radius (5m)			Lift point radius (Max)		
		Over-front		Over-side	Over-front		Over-side	Over-front		Over-side	Over-front		Over-side
		Blade Down	Blade Up		Blade Down	Blade Up		Blade Down	Blade Up		Blade Down	Blade Up	
5m	1750 Arm				16.7 (1.70)	16.7 (1.70)	16.2 (1.65)						
	2100 Arm				14.2 (1.45)	14.2 (1.45)	14.2 (1.45)						
3m	1750 Arm				20.1 (2.05)	20.1 (2.05)	15.2 (1.55)	17.2 (1.75)	13.7 (1.40)	10.8 (1.10)			
	2100 Arm				18.1 (1.85)	18.1 (1.85)	15.7 (1.60)	16.2 (1.65)	14.2 (1.45)	10.8 (1.10)			
1.5m	1750 Arm				26.0 (2.65)	18.6 (1.90)	13.7 (1.40)	20.1 (2.05)	13.2 (1.35)	10.3 (1.05)	17.0 (1.74)	10.7 (1.09)	8.2 (0.84)
	2100 Arm				24.5 (2.50)	18.6 (1.90)	14.2 (1.45)	19.1 (1.95)	13.2 (1.35)	10.3 (1.05)	15.8 (1.61)	9.3 (0.95)	7.5 (0.76)
1m	1750 Arm				27.4 (2.80)	18.1 (1.85)	13.7 (1.40)	20.6 (2.10)	12.7 (1.30)	9.8 (1.00)			
	2100 Arm				26.0 (2.65)	18.1 (1.85)	13.7 (1.40)	20.1 (2.05)	13.2 (1.35)	9.8 (1.00)			
0m	1750 Arm				28.4 (2.90)	17.6 (1.80)	13.2 (1.35)	21.1 (2.15)	12.7 (1.30)	9.3 (0.95)			
	2100 Arm				27.9 (2.85)	17.6 (1.80)	13.2 (1.35)	21.1 (2.15)	12.7 (1.30)	9.3 (0.95)			
-1m	1750 Arm	37.2 (3.80)	37.2 (3.80)	37.2 (3.80)	27.0 (2.75)	17.2 (1.75)	12.7 (1.30)	20.1 (2.05)	12.7 (1.30)	9.3 (0.95)			
	2100 Arm	28.4 (2.90)	28.4 (2.90)	28.4 (2.90)	27.4 (2.80)	17.2 (1.75)	12.7 (1.30)	20.6 (2.10)	12.3 (1.25)	9.3 (0.95)			
-3m	1750 Arm												
	2100 Arm				15.7 (1.60)	15.7 (1.60)	13.2 (1.35)						

kN (ton)

Model		2PB											
		Lift point radius (min.)			Lift point radius (4m)			Lift point radius (5m)			Lift point radius (Max)		
		Over-front		Over-side	Over-front		Over-side	Over-front		Over-side	Over-front		Over-side
		Blade Down	Blade Up		Blade Down	Blade Up		Blade Down	Blade Up		Blade Down	Blade Up	
5m	1750 Arm	23.0 (2.35)	23.0 (2.35)	23.0 (2.35)	19.6 (2.00)	19.6 (2.00)	17.2 (1.75)	17.6 (1.80)	15.2 (1.55)	11.8 (1.20)			
	2100 Arm				18.1 (1.85)	18.1 (1.85)	17.6 (1.80)	16.7 (1.70)	15.7 (1.60)	12.3 (1.25)			
3m	1750 Arm				23.5 (2.40)	21.1 (2.15)	15.7 (1.60)	18.6 (1.90)	14.7 (1.50)	11.3 (1.15)			
	2100 Arm				22.1 (2.25)	21.6 (2.20)	16.2 (1.65)	18.1 (1.85)	14.7 (1.50)	11.3 (1.15)			
1.5m	1750 Arm				27.4 (2.80)	19.1 (1.95)	14.2 (1.45)	20.1 (2.05)	13.7 (1.40)	10.3 (1.05)	14.7 (1.50)	9.6 (0.98)	7.3 (0.74)
	2100 Arm				26.5 (2.70)	19.1 (1.95)	14.2 (1.45)	20.1 (2.05)	13.7 (1.40)	10.3 (1.05)	13.8 (1.41)	9.5 (0.97)	6.9 (0.71)
1m	1750 Arm				27.4 (2.80)	18.6 (1.90)	13.7 (1.40)	20.6 (2.10)	13.7 (1.40)	10.3 (1.05)			
	2100 Arm				27.0 (2.75)	18.6 (1.90)	13.7 (1.40)	20.1 (2.05)	13.7 (1.40)	10.3 (1.05)			
0m	1750 Arm				26.0 (2.65)	18.1 (1.85)	13.2 (1.35)	19.6 (2.00)	13.2 (1.35)	9.8 (1.00)			
	2100 Arm				26.5 (2.70)	18.1 (1.85)	13.2 (1.35)	20.1 (2.05)	13.2 (1.35)	9.8 (1.00)			
-1m	1750 Arm	27.9 (2.85)	27.9 (2.85)	20.6 (2.10)	22.5 (2.30)	18.1 (1.85)	13.2 (1.35)	17.2 (1.75)	13.2 (1.35)	9.8 (1.00)			
	2100 Arm	22.5 (2.30)	22.5 (2.30)	22.5 (2.30)	24.0 (2.45)	18.1 (1.85)	13.2 (1.35)	18.1 (1.85)	12.7 (1.30)	9.3 (0.95)			
-3m	1750 Arm				6.9 (0.70)	6.9 (0.70)	6.9 (0.70)						
	2100 Arm				11.3 (1.15)	11.3 (1.15)	11.3 (1.15)						

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.
- * Standards EN474-1 and EN474-5 require the machine to be fitted with a safety valve on the boom cylinder and an overload warning buzzer for object handling operations.
- * Specifications are subject to change without notice for purpose of improvement.



★ All images shown are for brochure purposes only.
When operating the excavator, wear clothing and equipment in accordance to local legal and safety regulations.

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