

# SPECIFICATIONS

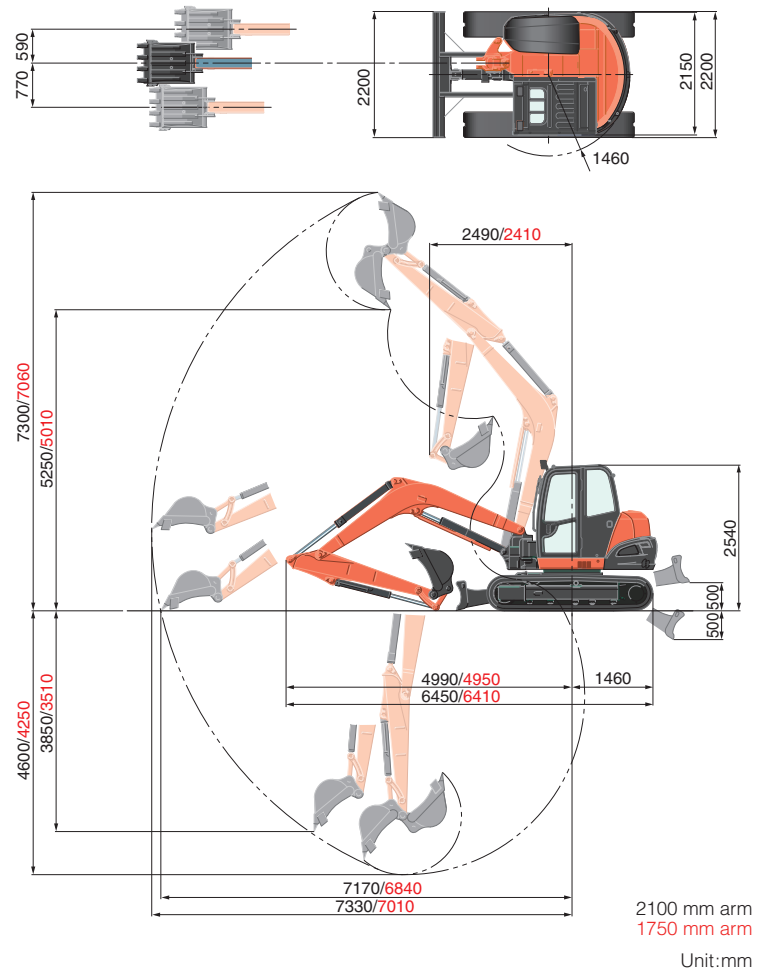
\*with rubber shoe, JPN bucket and 2100 mm arm

Machine weight*1	kg	8240	
Operating weight*2	kg	8315	
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	V3307-CR-TE4	
	Type	Water-cooled, diesel engine E-CDIS (with CRS and DPF)	
	Output ISO9249 NET	PS/rpm	63.2/2000
		kW/rpm	46.5/2000
	Number of cylinders	4	
	Bore × Stroke	mm	94 × 120
Displacement	cc	3331	
Swivelling speed	rpm	10.2	
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 84.6 × 2	
	Hydraulic pressure	MPa (kgf/cm <sup>2</sup> ) 27.4 (280)	
Max. digging force	Arm	kN (kgf) 38.1 (3880)	
	Bucket	kN (kgf) 65.2 (6650)	
Boom swing angle (left/right)	deg	70/60	
Minimum front swivel radius with boom swing (left/right)		2050/2380	
Auxiliary circuit (AUX1)	Max. Flow rate	ℓ/min 100	
	Max. Hydraulic pressure	MPa (kgf/cm <sup>2</sup> ) 20.6 (210)	
Auxiliary circuit (AUX2)	Max. Flow rate	ℓ/min 66.6	
	Max. 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 2.7	
	High	km/h 4.8	
Ground contact pressure	kPa (kgf/cm <sup>2</sup> )	36.1 (0.369)	
Ground clearance	mm	355	

\*1 With 176.6 kg standard bucket and fully served

\*2 With 75 kg operator, 176.6 kg standard bucket and fully served

# WORKING RANGE

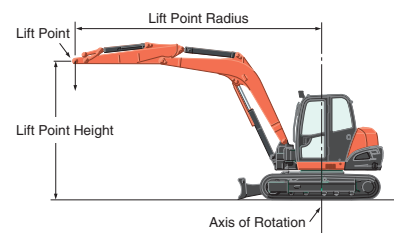


# LIFTING CAPACITY

Lift Point Height	Lifting point radius (Min)		Lifting point radius (4m)			Lifting point radius (5m)			Lifting point radius (Max)			kN (ton)	
	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)	15.7 (1.60)							
	2100 Arm			14.2 (1.45)	14.2 (1.45)	14.2 (1.45)							
3m	1750 Arm			20.1 (2.05)	19.6 (2.00)	15.2 (1.55)	17.2 (1.75)	13.7 (1.40)	10.3 (1.05)				
	2100 Arm			18.1 (1.85)	18.1 (1.85)	15.2 (1.55)	16.2 (1.65)	13.7 (1.40)	10.8 (1.10)				
1.5m	1750 Arm			26.0 (2.65)	18.1 (1.85)	13.7 (1.40)	20.1 (2.05)	12.7 (1.30)	9.8 (1.00)	17.1 (1.74)	10.7 (1.09)	8.2 (0.84)	
	2100 Arm			24.5 (2.50)	18.1 (1.85)	13.7 (1.40)	19.1 (1.95)	13.2 (1.35)	9.8 (1.00)	15.9 (1.62)	9.3 (0.95)	7.0 (0.71)	
1m	1750 Arm			27.4 (2.80)	17.6 (1.80)	13.2 (1.35)	20.6 (2.10)	12.7 (1.30)	9.8 (1.00)				
	2100 Arm			26.5 (2.70)	17.6 (1.80)	13.2 (1.35)	20.1 (2.05)	12.7 (1.30)	9.8 (1.00)				
0m	1750 Arm			28.4 (2.90)	17.2 (1.75)	12.7 (1.30)	21.1 (2.15)	12.3 (1.25)	9.3 (0.95)				
	2100 Arm			28.4 (2.90)	17.2 (1.75)	12.7 (1.30)	21.1 (2.15)	12.3 (1.25)	9.3 (0.95)				
-1m	1750 Arm	37.7 (3.85)	37.7 (3.85)	37.7 (3.85)	27.4 (2.80)	17.2 (1.75)	12.7 (1.30)	20.1 (2.05)	12.3 (1.25)	9.3 (0.95)			
	2100 Arm	28.4 (2.90)	28.4 (2.90)	28.4 (2.90)	27.9 (2.85)	16.7 (1.70)	12.3 (1.25)	20.6 (2.10)	12.3 (1.25)	9.3 (0.95)			
-3m	1750 Arm												
	2100 Arm				16.2 (1.65)	16.2 (1.65)	12.7 (1.30)						

\*Light weight version

Lift Point Height	Lifting point radius (Min)		Lifting point radius (4m)			Lifting point radius (5m)			Lifting point radius (Max)			kN (ton)	
	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)	14.7 (1.50)							
	2100 Arm			14.2 (1.45)	14.2 (1.45)	14.2 (1.45)							
3m	1750 Arm			20.1 (2.05)	18.1 (1.85)	13.7 (1.40)	17.2 (1.75)	12.7 (1.30)	9.8 (1.00)				
	2100 Arm			18.1 (1.85)	18.1 (1.85)	14.2 (1.45)	16.2 (1.65)	12.7 (1.30)	9.8 (1.00)				
1.5m	1750 Arm			26.0 (2.65)	16.7 (1.70)	12.3 (1.25)	20.1 (2.05)	11.8 (1.20)	8.8 (0.90)	17.1 (1.74)	9.8 (1.00)	7.4 (0.75)	
	2100 Arm			24.5 (2.50)	17.2 (1.75)	12.7 (1.30)	19.1 (1.95)	12.3 (1.25)	9.3 (0.95)	15.9 (1.62)	8.4 (0.86)	6.5 (0.67)	
1m	1750 Arm			27.4 (2.80)	16.2 (1.65)	12.3 (1.25)	20.6 (2.10)	11.8 (1.20)	8.8 (0.90)				
	2100 Arm			26.5 (2.70)	16.7 (1.70)	12.3 (1.25)	20.1 (2.05)	11.8 (1.20)	8.8 (0.90)				
0m	1750 Arm			28.4 (2.90)	15.7 (1.60)	11.8 (1.20)	21.1 (2.15)	11.3 (1.15)	8.3 (0.85)				
	2100 Arm			28.4 (2.90)	15.7 (1.60)	11.8 (1.20)	21.1 (2.15)	11.3 (1.15)	8.3 (0.85)				
-1m	1750 Arm	37.7 (3.85)	37.7 (3.85)	35.8 (3.65)	27.4 (2.80)	15.7 (1.60)	11.3 (1.15)	20.1 (2.05)	11.3 (1.15)	8.3 (0.85)			
	2100 Arm	28.4 (2.90)	28.4 (2.90)	28.4 (2.90)	27.9 (2.85)	15.2 (1.55)	11.3 (1.15)	20.6 (2.10)	11.3 (1.15)	8.3 (0.85)			
-3m	1750 Arm												
	2100 Arm				16.2 (1.65)	16.2 (1.65)	11.8 (1.20)						



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

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.

# 2-PIECE BOOM VERSION

## SPECIFICATIONS

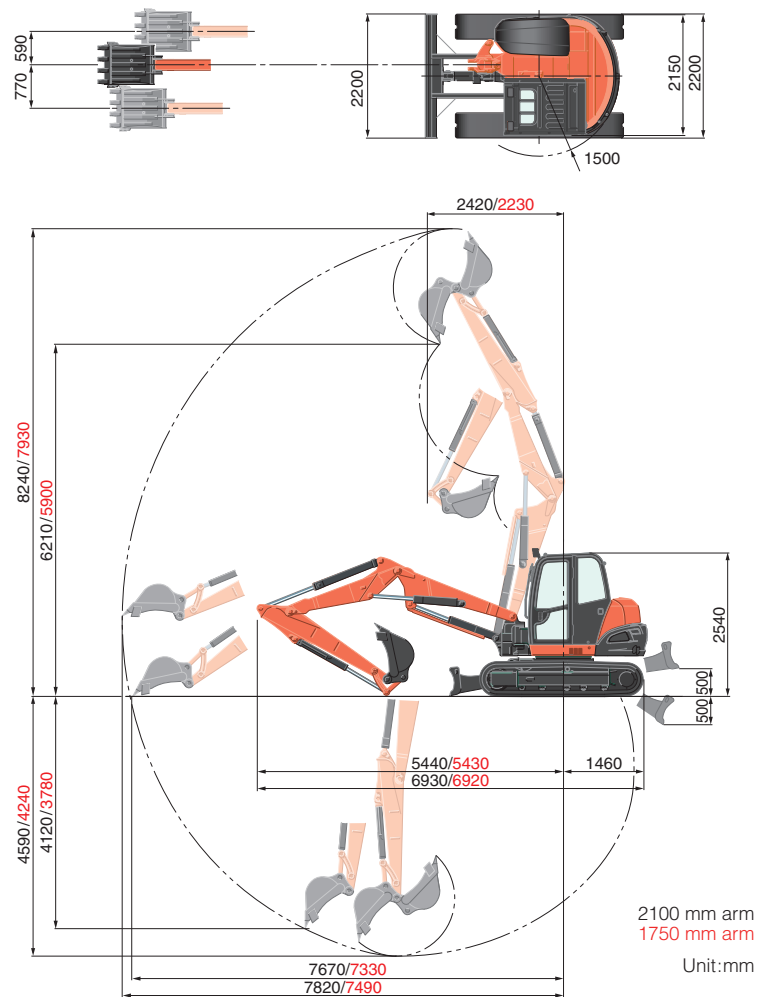
\*with rubber shoe, JPN bucket and 2100 mm arm

Machine weight*1	kg	8760	
Operating weight*2	kg	8835	
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	V3307-CR-TE4	
	Type	Water-cooled, diesel engine E-CDIS (with CRS and DPF)	
	Output ISO9249 NET	PS/rpm	63.2/2000
		kW/rpm	46.5/2000
	Number of cylinders		4
Bore × Stroke	mm	94 × 120	
Displacement	cc	3331	
Swivelling speed	rpm	10.2	
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	84.6 × 2
	Hydraulic pressure	MPa (kgf/cm <sup>2</sup> )	27.4 (280)
Max. digging force	Arm	kN (kgf)	38.1 (3880)
	Bucket	kN (kgf)	65.2 (6650)
Boom swing angle (left/right)	deg	70/60	
Minimum front swivel radius with boom swing (left/right)		1990/2310	
Auxiliary circuit (AUX1)	Max. flow rate	ℓ /min	100
	Max. hydraulic pressure	MPa (kgf/cm <sup>2</sup> )	20.6 (210)
Auxiliary circuit (AUX2)	Max. flow rate	ℓ /min	66.6
	Max. 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	2.7
	High	km/h	4.8
Ground contact pressure	kPa (kgf/cm <sup>2</sup> )	38.4 (0.392)	
Ground clearance	mm	355	

\*1 With 176.6 kg standard bucket and fully served

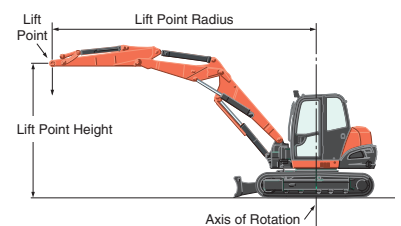
\*2 With 75 kg operator, 176.6 kg standard bucket and fully served

## WORKING RANGE



## LIFTING CAPACITY

Lift Point Height	Lifting point radius (Min)	kN (ton)												
		Lifting point radius (4m)			Lifting point radius (5m)			Lifting point radius (Max)						
		Over-front	Over-side	Over-side	Over-front	Over-side	Over-side	Over-front	Over-side	Over-side	Over-front	Over-side	Over-side	
5m	1750 Arm	23.0 (2.35)	23.0 (2.35)	23.0 (2.35)	19.6 (2.00)	19.6 (2.00)	16.2 (1.65)	17.6 (1.80)	14.2 (1.45)	10.8 (1.10)				
	2100 Arm				18.1 (1.85)	18.1 (1.85)	16.7 (1.70)	16.7 (1.70)	14.7 (1.50)	11.3 (1.15)				
3m	1750 Arm				23.5 (2.40)	20.1 (2.05)	14.7 (1.50)	18.6 (1.90)	13.7 (1.40)	10.3 (1.05)				
	2100 Arm				22.1 (2.25)	20.1 (2.05)	15.2 (1.55)	18.1 (1.85)	14.2 (1.45)	10.8 (1.10)				
1.5m	1750 Arm				27.4 (2.80)	18.1 (1.85)	13.2 (1.35)	20.1 (2.05)	13.2 (1.35)	9.8 (1.00)	14.7 (1.50)	9.1 (0.93)	6.8 (0.70)	
	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)	13.8 (1.41)	8.7 (0.88)	6.5 (0.66)	
1m	1750 Arm				27.4 (2.80)	17.6 (1.80)	12.7 (1.30)	20.6 (2.10)	12.7 (1.30)	9.3 (0.95)				
	2100 Arm				27.0 (2.75)	17.6 (1.80)	12.7 (1.30)	20.1 (2.05)	12.7 (1.30)	9.3 (0.95)				
0m	1750 Arm				26.0 (2.65)	17.2 (1.75)	12.3 (1.25)	19.6 (2.00)	12.3 (1.25)	9.3 (0.95)				
	2100 Arm				26.5 (2.70)	17.2 (1.75)	12.3 (1.25)	20.1 (2.05)	12.3 (1.25)	8.8 (0.90)				
-1m	1750 Arm	27.9 (2.85)	27.4 (2.80)	19.1 (1.95)	22.5 (2.30)	17.2 (1.75)	12.3 (1.25)	17.2 (1.75)	12.3 (1.25)	8.8 (0.90)				
	2100 Arm	22.5 (2.30)	22.5 (2.30)	22.5 (2.30)	24.0 (2.45)	16.7 (1.70)	12.3 (1.25)	18.1 (1.85)	12.3 (1.25)	8.8 (0.90)				
-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)							



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

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.

★ 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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