Engine output: **63.2 PS**

Machine weight: **8240 kg**

For Earth, For Life

Kubota

KX080-4α

KUBOTA EXCAVATOR

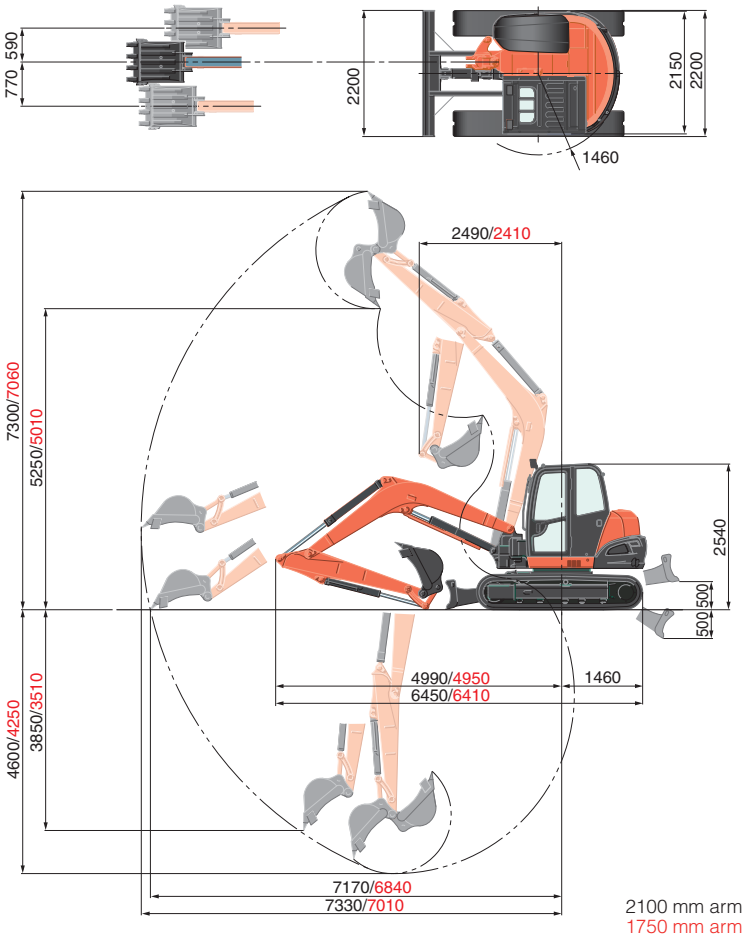
SPECIFICATIONS

*with rubber shoe, JPN bucket and 2100 mm arm

Machine weight*1			kg	8240
Operating weight*2			kg	8315
Bucket capacity, std. SAE/CECE			m³	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/cm²)	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/cm²)	20.6 (210)
Auxiliary circuit (AUX2)	Max. Flow rate		ℓ/min	66.6
	Max. Hydraulic pressure		MPa (kgf/cm²)	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/cm²)	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



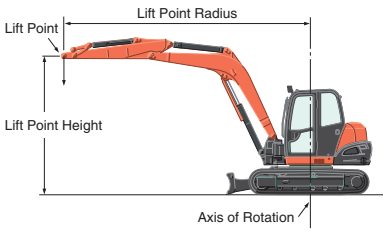
2100 mm arm
1750 mm arm

Unit:mm

LIFTING CAPACITY

kN (ton)

Lift Point Height		Lifting point radius (Min)			Lifting point radius (4m)			Lifting point radius (5m)			Lifting 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)	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)						



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.

Fluorinated greenhouse gases
Air conditioner gas contains fluorinated greenhouse gases.

CAB model	Industrial designation	Quantity (kg)	CO_2 equivalent (ton)	GWP
KX080-4α	HFC-134a	0.98	1.41	1430

(Global Warming Potential: GWP)

2-PIECE BOOM VERSION

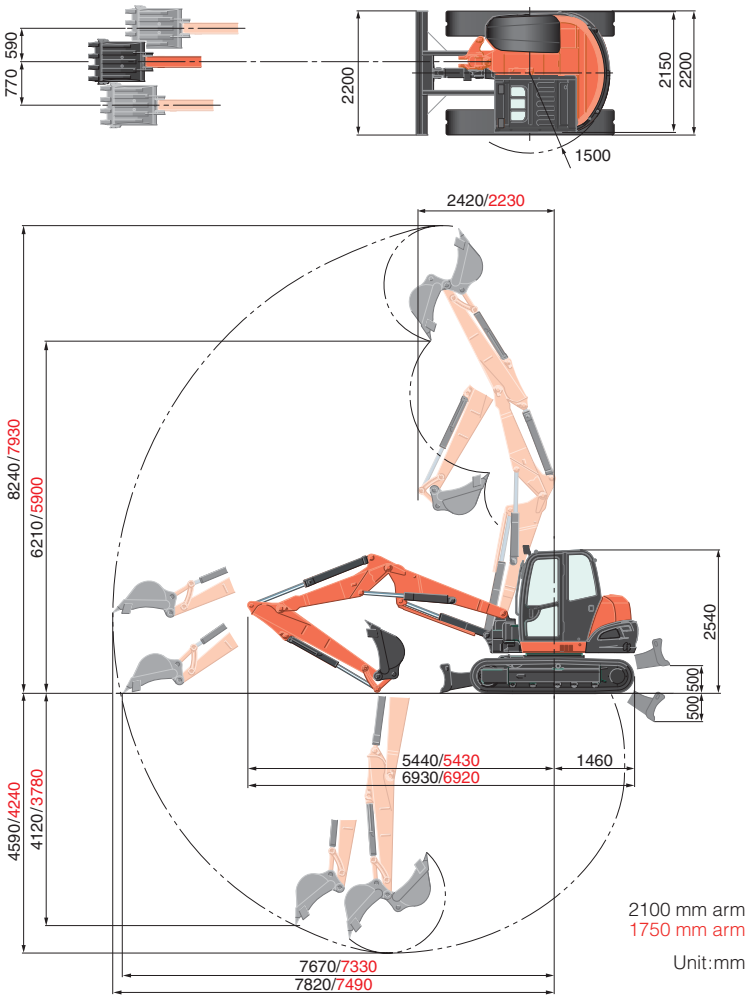
SPECIFICATIONS

*with rubber shoe, JPN bucket and 2100 mm arm

Machine weight*1			kg	8760
Operating weight*2			kg	8835
Bucket capacity, std. SAE/CECE			m³	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/cm²)	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/cm²)	20.6 (210)
Auxiliary circuit (AUX2)	Max. flow rate		ℓ/min	66.6
	Max. hydraulic pressure		MPa (kgf/cm²)	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/cm²)	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

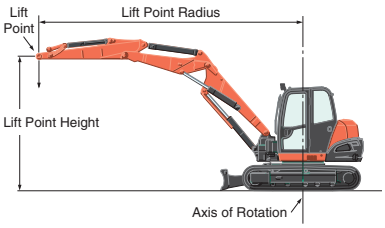
WORKING RANGE



LIFTING CAPACITY

kN (ton)

Lift Point Height		Lifting point radius (Min)			Lifting point radius (4m)			Lifting point radius (5m)			Lifting 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)	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)						



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(Global Warming Potential: GWP)

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