

# Specifications

Model		U50-5	U56-5	KX060-5
<b>Operating weight*</b> <sup>1</sup>	kg	4965	5595	5635
<b>Bucket capacity, std. CECE</b>	m <sup>3</sup>	0.13	0.14	0.14
<b>Bucket width (without teeth)</b>	mm	550	600	600
<b>Engine</b>				
Manufacturer		KUBOTA	KUBOTA	KUBOTA
Model		D1803-CR-T-E5	V2607-CR-E5	V2607-CR-E5
Type		Water cooled, diesel engine	Water cooled, diesel engine	Water cooled, diesel engine
Emission standard		EU Stage V	EU Stage V	EU Stage V
Output (ISO 14396:2002)	kW/rpm	29.7 / 2200	35.0 / 2200	35.0 / 2200
	PS/rpm	40.4 / 2200	47.6 / 2200	47.6 / 2200
Number of cylinder		3	4	4
Bore x Stroke	mm	87 x 102	87 x 110	87 x 110
Displacement	cc	1826	2615	2615
<b>Overall length</b>	mm	5355	5490	5520
<b>Overall height</b>	mm	2550	2550	2550
<b>Swivelling speed</b>	rpm	9.2	9.2	9.2
<b>Rubber shoe width</b>	mm	400	400	400
<b>Tumbler distance</b>	mm	1990	1990	1990
<b>Dozer size (width x height)</b>	mm	1960 x 410	1960 x 410	1960 x 410
<b>Hydraulic pumps</b>				
P1, P2	ℓ	Variable displacement pump	Variable displacement pump	Variable displacement pump
Flow rate	/min	118.8	56.1 + 56.1	56.1 + 56.1
Hydraulic pressure	MPa	24.5	27.4	27.4
P3	ℓ	–	Gear type	Gear type
Flow rate	/min	–	37	37
Hydraulic pressure	MPa	–	19.1	19.1
<b>Max. digging force (arm / bucket)</b>	kN	22.6 / 32.8	26.4 / 42.3	24.5 / 42.3
<b>Boom swing angle</b>	deg	70 / 55	70 / 53	70 / 53
<b>Auxiliary circuit (SP1)</b>				
Flow rate	ℓ/min	65	75	75
Hydraulic pressure	MPa	20.6	20.6	20.6
<b>Auxiliary circuit (SP2)</b>				
Flow rate	ℓ/min	37	37	37
Hydraulic pressure	MPa	20.6	19.1	19.1
<b>Hydraulic reservoir (tank / full)</b>	ℓ	40 / 67	41.9 / 77	41.9 / 77
<b>Fuel tank capacity</b>	ℓ	66	66	73
<b>Max. travelling speed (low / high)</b>	km/h	2.8 / 4.8	2.8 / 4.8	2.8 / 4.8
<b>Ground contact pressure</b>	kPa (kgf/cm <sup>2</sup> )	28.0 (0.286)	31.6 (0.322)	31.8 (0.324)
<b>Ground clearance</b>	mm	310	310	310
<b>Noise level</b>				
LpA / LwA (2000/14/EC)	dB (A)	71 / 96	74 / 96	74 / 96
<b>Vibration*</b> <sup>2</sup>				
<b>Hand arm system (ISO 5349-2:2001)</b>				
Digging / Levelling	m/s <sup>2</sup> RMS	<2.5 / <2.5	<2.5 / <2.5	<2.5 / <2.5
Driving / Idling	m/s <sup>2</sup> RMS	<2.5 / <2.5	<2.5 / <2.5	<2.5 / <2.5
<b>Whole body (ISO 2631-1:1997)</b>				
Digging / Levelling	m/s <sup>2</sup> RMS	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5
Driving / Idling	m/s <sup>2</sup> RMS	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5

\*1 Cabin with standard bucket (U50-5: 115 kg / U56-5, KX060-5: 119 kg) ready for operation. Machine weight includes 75 kg operator.

\*2 These values are measured under specific conditions at maximum engine speed and can deviate, depending on the operating status.

## Fluorinated greenhouse gases

Air conditioner gas contains fluorinated greenhouse gases.

CAB model	Industrial designation	Quantity (kg)	CO <sub>2</sub> equivalent (ton)	GWP
U50-5/U56-5/KX060-5	HFC-134a	0.7	1.01	1430

(Global Warming Potential: GWP)



# Lifting capacity

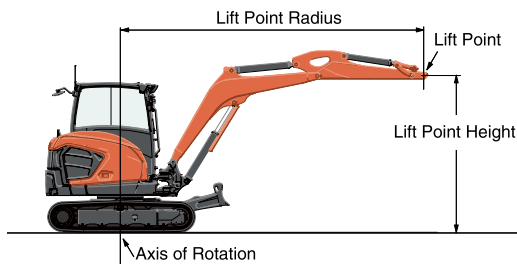
kN (ton)

Lift Point Height	U50-5																	
	Lift point radius (min.)		Lift point radius (1.5m)			Lift point radius (2m)			Lift point radius (3m)			Lift point radius (4m)		Lift point radius (max.)				
	Over-front	Over-side	Over-front	Over-side	Over-front	Over-side	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	Blade Down	Blade Up	Blade Down	Blade Up	Blade Down	Blade Up				
3m												8.3 (0.85)	7.8 (0.80)	7.0 (0.72)	8.4 (0.85)	6.2 (0.64)	5.6 (0.58)	
2m									12.4 (1.26)	11.9 (1.22)	10.5 (1.07)	9.4 (0.96)	7.6 (0.77)	6.8 (0.69)	8.4 (0.86)	5.5 (0.56)	4.9 (0.50)	
1m									16.3 (1.66)	11.1 (1.13)	9.7 (0.99)	10.9 (1.11)	7.2 (0.74)	6.5 (0.66)	8.6 (0.88)	5.2 (0.53)	4.7 (0.48)	
0m									17.4 (1.78)	10.7 (1.09)	9.3 (0.95)	11.6 (1.18)	7.0 (0.72)	6.3 (0.64)	8.8 (0.90)	5.4 (0.55)	4.9 (0.50)	
-1m	19.5 (1.99)	19.5 (1.99)	19.5 (1.99)	20.6 (2.10)	20.6 (2.10)	20.6 (2.10)	25.3 (2.59)	22.1 (2.26)	18.2 (1.86)	16.0 (1.63)	10.7 (1.09)	9.3 (0.95)	10.6 (1.09)	7.0 (0.71)	6.2 (0.64)	9.0 (0.92)	6.2 (0.64)	5.6 (0.57)
-2m	28.8 (2.94)	28.8 (2.94)	28.8 (2.94)	24.3 (2.48)	24.3 (2.48)	24.3 (2.48)	17.5 (1.79)	17.5 (1.79)	17.5 (1.79)	11.1 (1.13)	11.0 (1.12)	9.6 (0.98)						
-3m																		

Lift Point Height	U56-5																	
	Lift point radius (min.)		Lift point radius (1.5m)			Lift point radius (2m)			Lift point radius (3m)			Lift point radius (4m)		Lift point radius (max.)				
	Over-front	Over-side	Over-front	Over-side	Over-front	Over-side	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	Blade Down	Blade Up	Blade Down	Blade Up	Blade Down	Blade Up				
3m													11.1 (1.13)	9.4 (0.96)	8.3 (0.85)	9.9 (1.01)	6.8 (0.69)	6.0 (0.61)
2m									16.7 (1.70)	14.2 (1.45)	12.4 (1.26)	12.7 (1.30)	9.0 (0.92)	8.0 (0.81)	10.0 (1.02)	6.0 (0.61)	5.3 (0.54)	
1m									21.9 (2.33)	13.1 (1.34)	11.3 (1.16)	14.7 (1.50)	8.6 (0.88)	7.6 (0.77)	10.6 (1.08)	5.8 (0.59)	5.1 (0.52)	
0m									23.5 (2.40)	12.6 (1.28)	10.8 (1.10)	15.6 (1.59)	8.3 (0.85)	7.3 (0.74)	11.1 (1.13)	5.9 (0.61)	5.3 (0.54)	
-1m	15.1 (1.54)	15.1 (1.54)	15.1 (1.54)	23.6 (2.41)	23.6 (2.41)	23.6 (2.41)	28.9 (2.94)	25.9 (2.65)	21.0 (2.14)	21.6 (2.20)	12.5 (1.28)	10.8 (1.10)	14.6 (1.49)	8.2 (0.84)	7.2 (0.73)	11.1 (1.13)	6.7 (0.68)	5.9 (0.61)
-2m	36.1 (3.69)	36.1 (3.69)	36.1 (3.69)	34.5 (3.52)	34.5 (3.52)	34.5 (3.52)	24.5 (2.50)	24.5 (2.50)	21.5 (2.20)	15.9 (1.62)	12.8 (1.31)	11.0 (1.12)						
-3m																		

Lift Point Height	KX060-5 (1820 mm arm)																	
	Lift point radius (min.)		Lift point radius (1.5m)			Lift point radius (2m)			Lift point radius (3m)			Lift point radius (4m)		Lift point radius (max.)				
	Over-front	Over-side	Over-front	Over-side	Over-front	Over-side	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	Blade Down	Blade Up	Blade Down	Blade Up	Blade Down	Blade Up				
3m													10.5 (1.07)	10.5 (1.07)	9.5 (0.97)	9.1 (0.93)	7.3 (0.75)	6.6 (0.67)
2m									15.6 (1.59)	15.6 (1.59)	14.2 (1.45)	12.2 (1.24)	10.3 (1.05)	9.2 (0.94)	9.2 (0.94)	6.6 (0.67)	5.9 (0.60)	
1m									20.7 (2.12)	15.0 (1.54)	13.1 (1.33)	14.2 (1.45)	9.8 (1.00)	8.7 (0.89)	9.8 (1.00)	6.3 (0.64)	5.7 (0.58)	
0m							15.2 (1.55)	15.2 (1.55)	15.2 (1.55)	22.9 (2.33)	14.4 (1.47)	12.5 (1.27)	15.3 (1.56)	9.5 (0.97)	8.4 (0.85)	10.6 (1.08)	6.5 (0.66)	5.8 (0.59)
-1m	16.5 (1.68)	16.5 (1.68)	16.5 (1.68)	22.1 (2.25)	22.1 (2.25)	22.1 (2.25)	27.5 (2.80)	27.5 (2.80)	23.8 (2.43)	21.7 (2.21)	14.2 (1.45)	12.3 (1.26)	14.7 (1.50)	9.3 (0.95)	8.2 (0.84)	10.7 (1.09)	7.2 (0.74)	6.4 (0.66)
-2m	20.0 (2.04)	20.0 (2.04)	20.0 (2.04)	36.4 (3.71)	36.4 (3.71)	36.4 (3.71)	26.9 (2.75)	26.9 (2.75)	24.4 (2.49)	17.1 (1.75)	14.4 (1.47)	12.5 (1.28)	11.0 (1.12)	9.5 (0.97)	8.4 (0.86)	10.4 (1.06)	9.3 (0.94)	5.7 (0.58)
-3m																		

Lift Point Height	KX060-5 (1570 mm arm)																	
	Lift point radius (min.)		Lift point radius (1.5m)			Lift point radius (2m)			Lift point radius (3m)			Lift point radius (4m)		Lift point radius (max.)				
	Over-front	Over-side	Over-front	Over-side	Over-front	Over-side	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	Blade Down	Blade Up	Blade Down	Blade Up	Blade Down	Blade Up				
3m													11.5 (1.18)	10.7 (1.10)	9.6 (0.98)	10.8 (1.10)	8.0 (0.82)	7.2 (0.74)
2m									17.4 (1.77)	16.2 (1.66)	14.2 (1.45)	13.1 (1.34)	10.4 (1.06)	9.2 (0.94)	10.9 (1.11)	7.1 (0.73)	6.4 (0.65)	
1m									22.1 (2.25)	15.1 (1.55)	13.2 (1.34)	14.9 (1.52)	9.9 (1.01)	8.8 (0.90)	11.3 (1.15)	6.9 (0.70)	6.2 (0.63)	
0m									23.3 (2.38)	14.6 (1.49)	12.7 (1.30)	15.7 (1.60)	9.6 (0.98)	8.5 (0.87)	11.4 (1.17)	7.1 (0.72)	6.3 (0.65)	
-1m	13.9 (1.41)	13.9 (1.41)	13.9 (1.41)	25.2 (2.57)	25.2 (2.57)	25.2 (2.57)	30.8 (3.14)	30.1 (3.07)	24.6 (2.51)	21.2 (2.17)	14.6 (1.49)	12.6 (1.29)	14.5 (1.48)	9.6 (0.98)	8.5 (0.87)	11.5 (1.17)	8.0 (0.82)	7.2 (0.73)
-2m	38.5 (3.93)	38.5 (3.93)	38.5 (3.93)	30.6 (3.12)	30.6 (3.12)	30.6 (3.12)	23.2 (2.37)	23.2 (2.37)	23.2 (2.37)	15.5 (1.59)	14.9 (1.52)	12.9 (1.32)						
-3m																		



Please note:

- \* The lifting capacities are based on ISO10567 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.

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When operating the excavator, wear clothing and equipment in accordance with local legal and safety regulations.