

Specifications

Model		U50-5	U56-5	KX060-5
Operating weight*1	kg	4965	5595	5635
Bucket capacity, std. CECE	m³	0.13	0.14	0.14
Bucket width (without teeth)	mm	550	600	600
Engine				
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 × Stroke	mm	87 × 102	87 × 110	87 × 110
Displacement	cc	1826	2615	2615
Overall length	mm	5355	5490	5520
Overall height	mm	2550	2550	2550
Swivelling speed	rpm	9.2	9.2	9.2
Rubber shoe width	mm	400	400	400
Tumbler distance	mm	1990	1990	1990
Dozer size (width × height)	mm	1960 × 410	1960 × 410	1960 × 410
Hydraulic pumps				
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
Max. digging force (arm / bucket)	kN	22.6 / 32.8	26.4 / 42.3	24.5 / 42.3
Boom swing angle	deg	70 / 55	70 / 53	70 / 53
Auxiliary circuit (SP1)				
Flow rate	ℓ/min	65	75	75
Hydraulic pressure	MPa	20.6	20.6	20.6
Auxiliary circuit (SP2)				
Flow rate	ℓ/min	37	37	37
Hydraulic pressure	MPa	20.6	19.1	19.1
Hydraulic reservoir (tank / full)	ℓ	40 / 67	41.9 / 77	41.9 / 77
Fuel tank capacity	ℓ	66	66	73
Max. travelling speed (low / high)	km/h	2.8 / 4.8	2.8 / 4.8	2.8 / 4.8
Ground contact pressure	kPa (kgf/cm²)	28.0 (0.286)	31.6 (0.322)	31.8 (0.324)
Ground clearance	mm	310	310	310
Noise level				
LpA / LwA (2000/14/EC)	dB (A)	71 / 96	74 / 96	74 / 96
Vibration*2				
Hand arm system (ISO 5349-2:2001)				
Digging / Levelling	m/s² RMS	<2.5 / <2.5	<2.5 / <2.5	<2.5 / <2.5
Driving / Idling	m/s² RMS	<2.5 / <2.5	<2.5 / <2.5	<2.5 / <2.5
Whole body (ISO 2631-1:1997)				
Digging / Levelling	m/s² RMS	<0.5 / <0.5	<0.5 / <0.5	<0.5 / <0.5
Driving / Idling	m/s² 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 ₂ equivalent (ton)	GWP
U50-5/U56-5/KX060-5	HFC-134a	0.7	1.01	1430

(Global Warming Potential: GWP)