



Kubota



CERTIFIED
STAGE

U56-5

5-6 TONNE MINI EXCAVATOR

Efficiency, economy and comfort
Machine weight (cabin) 5595 kg
Engine output: 47.6PS/35.0kW

SPECIFICATIONS

Operating weight*1	m3	5595
Bucket capacity, std. CECE	mm	0.14
Bucket width (without teeth)		600
Engine		
Manufacturer	KUBOTA	
Model	V2607-CR-E5	
Type	Water cooled, diesel engine	
Emission standard	EU Stage V	
Output (ISO 14396:2002)	kW/rpm	35.0 / 2200
	PS/rpm	47.6 / 2200
Number of cylinder	4	
Bore × Stroke	mm	87 × 110
Displacement	cc	2615
Overall length	mm	5490
Overall height	mm	2550
Swivelling speed	rpm	9.2
Rubber shoe width	mm	400
Tumbler distance	mm	1990
Dozer size (width × height)	mm	1960 × 410
Hydraulic pumps		
P1, P2	Variable displacement pump	
Flow rate	l/min	56.1 + 56.1
Hydraulic pressure	MPa	27.4
P3	Gear type	
Flow rate	l/min	37
Hydraulic pressure	MPa	19.1
Max. digging force (arm / bucket)	kN	26.4 / 42.3
Boom swing angle	deg	70 / 53
Auxiliary circuit (SP1)		
Flow rate	l/min	75
Hydraulic pressure	MPa	20.6
Auxiliary circuit (SP2)		
Flow rate	l/min	37
Hydraulic pressure	MPa	19.1
Hydraulic reservoir (tank / full)	l	41.9 / 77
Fuel tank capacity	l	66
Max. travelling speed (low / high)	km/h	2.8 / 4.8
Ground contact pressure	kPa (kgf/cm ²)	31.6 (0.322)
Ground clearance	mm	310
Noise level		
LpA / LwA (2000/14/EC)	dB (A)	74 / 96
Vibration*2		
Hand arm system (ISO 5349-2:2001)		
Digging / Levelling	m/s ² RMS	<2.5 / <2.5
Driving / Idling	m/s ² RMS	<2.5 / <2.5
Whole body (ISO 2631-1:1997)		
Digging / Levelling	m/s ² RMS	<0.5 / <0.5
Driving / Idling	m/s ² RMS	<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.

LIFTING CAPACITY

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.

Lift Point Height	Lifting point radius (min.)		Lifting point radius (1.5m)			Lifting point radius (2m)			Lifting point radius (3m)			Lifting point radius (4m)			Lifting 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
	Blade Down	Blade Up		Blade Down	Blade Up		Blade Down	Blade Up		Blade Down	Blade Up		Blade Down	Blade Up		Blade Down	Blade Up	
3.0m																		
2.0m																		
1.0m																		
0m																		
-1.0m	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)
-2.0m	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)						
-3.0m																		

WORKING RANGE

