KUBOTA U50-5

5-tonne class mini excavator



4,965 kg
OPERATING WEIGHT*

1,960 mm
OVERALL WIDTH

3,370 mm
MAX. DIGGING DEPTH

DIMENSIONS & WORKING RANGE

Overall length	**5,355 mm**
Overall height	**2,550 mm**
Max. digging reach	**5,850 mm**
Reach at ground level	**5,705 mm**
Max. digging height	**5,440 mm**
Max. dumping height	**3,775 mm**
Standard arm length	**1,450 mm**
Ground clearance	**310 mm**
Rubber track width	**400 mm**
Dozer blade (W × H)	**1,960 × 410 mm**

ENGINE & PERFORMANCE

Engine	**Kubota D1803-CR-T-E5**
Rated power at 2,200 rpm	**29.7 kW / 40.4 PS**
Fuel / emissions	**Diesel / EU Stage V**
Fuel tank	**66 litres**
Travel speed (low / high)	**2.8 / 4.8 km/h**
Digging force (arm / bucket)	**22.6 / 32.8 kN**
Auxiliary flow - SP1	**65 l/min**
Auxiliary flow - SP2**	**37 l/min**
Auxiliary pressure (SP1 / SP2)	**20.6 MPa**
Standard bucket capacity	**0.13 m³**

*Operating weight: cab with standard 115 kg bucket, ready for operation, including a 75 kg operator. Figures relate to the manufacturer's standard configuration with a 1,450 mm arm.

**SP2 is fitted to Types M and L. Attachments and optional equipment vary; confirm the supplied machine configuration with MW Hire.

Source: supplied Kubota brochure, Cat. No. 8959-01-EU (03/2020), specification and working-range tables. Photo shows an MW Hire machine; fitted attachments may differ from the standard specification.

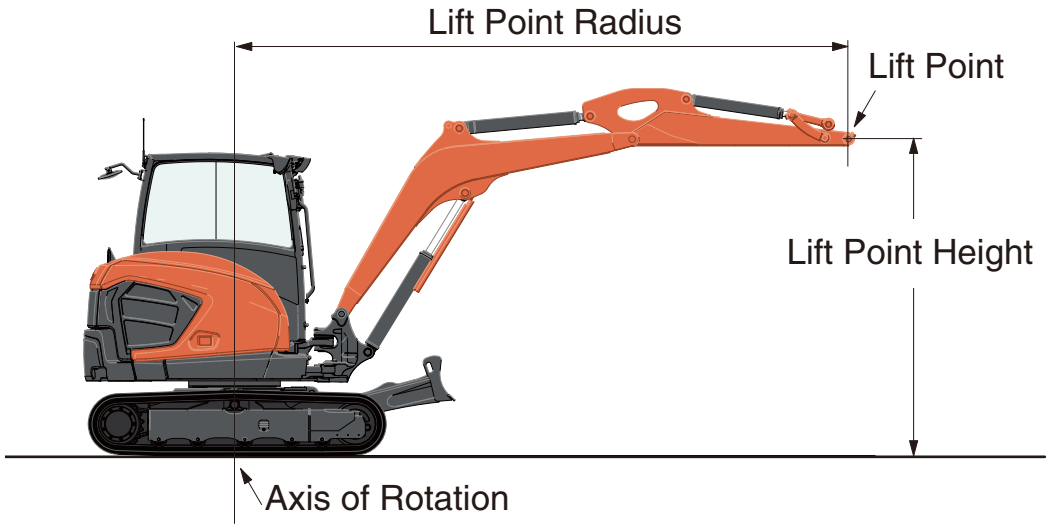
KUBOTA U50-5 | LOAD CHART

Original manufacturer chart and lifting notes

kN (ton)

Model	U50-5																		
Lift Point Height	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
	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 REFERENCE



MANUFACTURER'S LIFTING CONDITIONS

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.

Source: supplied Kubota brochure, Cat. No. 8959-01-EU (03/2020), page 15.
U50-5 chart reproduced without changing its values.