

SPECIFICATIONS

*With rubber shoe type

Model			U27-4
Machine weight* ¹ (cabin / canopy)			kg2590 / 2490
Operating weight* ² (cabin / canopy)			kg2665 / 2565
Bucket capacity, std. SAE/CECE			m ³ 0.06
Bucket width (with / without side teeth)			mm500 / 450
Engine	Model		D1105-E4-BH-2
	Type		Water-cooled, diesel engine E-TVCS (Economical, ecological type)
	Output ISO9249	PS/rpm	21.2 / 2400
		kW/rpm	15.6 / 2400
	Number of cylinders		3
	Bore × Stroke		mm78 × 78.4
Displacement		cc1123	
Overall length			mm4190
Overall height (cabin / canopy)			mm2430 / 2420
Swivelling speed			rpm9.8
Rubber shoe width			mm300
Tumbler distance			mm1560
Dozer size (width × height)			mm1500 × 300
Hydraulic pumps	P1, P2		Variable displacement pump
	Flow rate	ℓ /min	28.8 × 2
	Hydraulic pressure	MPa (kgf/cm ²)	21.6 (220)
	P3		Gear Type
	Flow rate	ℓ /min	19.2
	Hydraulic pressure	MPa (kgf/cm ²)	17.2 (175)
Max. digging force	Arm	kN (kgf)	12.3 (1260)
	Bucket	kN (kgf)	21.0 (2140)
Boom swing angle (left / right)			deg75 / 55
Auxiliary circuit (AUX1)	Flow rate		ℓ /min48
	Hydraulic pressure		MPa (kgf/cm ²)17.2 (175)
Auxiliary circuit (AUX2)	Flow rate		ℓ /min19.2
	Hydraulic pressure		MPa (kgf/cm ²)17.2 (175)
Hydraulic reservoir			ℓ22
Fuel tank capacity			ℓ33
Max. travelling speed (low / high)			km/h2.5 / 4.5
Ground contact pressure (cabin / canopy) kPa (kgf/cm ²)			24.7 (0.25) / 23.7 (0.24)
Ground clearance			mm290
Noise level	LpA		dB (A)79
	LwA (2000/14/EC)		dB (A)93
Vibration ³	Hand arm system (ISO 5349-2:2001)	Digging	m/s ² RMS<2.5
		Levelling	m/s ² RMS<2.5
		Driving	m/s ² RMS3.25
		Idling	m/s ² RMS<2.5
	Whole body (ISO 2631-1:1997)	Digging	m/s ² RMS<0.5
		Levelling	m/s ² RMS<0.5
		Driving	m/s ² RMS<0.5
		Idling	m/s ² RMS<0.5

*1 Cabin with 55 kg standard bucket, ready for operation

*2 With 75 kg operator

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

LIFTING CAPACITY

Cabin, rubber version

Lift Point Height	Lifting point radius (2m)		Lifting point radius (max.)	
	Over-front (blade down)	Over-side	Over-front (blade down)	Over-side
1.5m	7.3 (0.74)	7.2 (0.73)	—	—
1.0m	10.2 (1.04)	6.8 (0.69)	4.2 (0.43)	2.4 (0.25)
0.5m	11.5 (1.18)	6.5 (0.67)	—	—
0m	12.3 (1.25)	6.4 (0.66)	—	—

*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 capacities of the machine.

**The excavator bucket, hook, sling and other lifting accessories are not included on this table.

★ All images shown are for brochure purposes only.

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

KUBOTA EUROPE S.A.S.

19 à 25, rue Jules Vercurysse
Zone Industrielle - B.P. 50088
95101 Argenteuil Cedex France
Téléphone : (33) 01 34 26 34 34
Télécopieur : (33) 01 34 26 34 99

KUBOTA (U.K.) LTD

Dormer Road, Thame, Oxfordshire,
OX9 3UN, U.K.
Phone : 01844-268140
F a x : 01844-216685

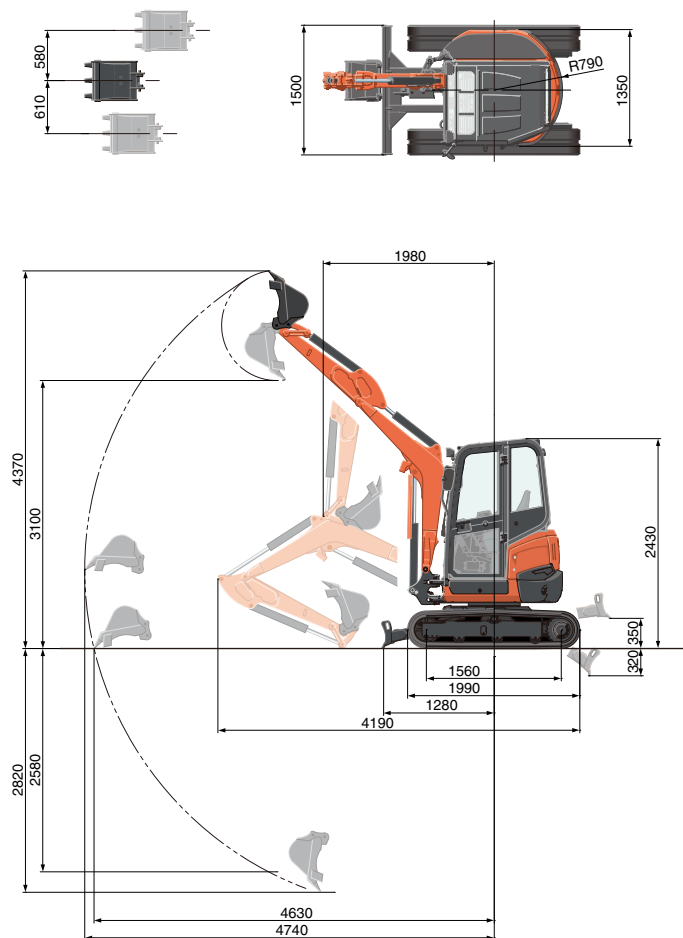
KUBOTA Baumaschinen GmbH

Steinhauser Straße 100
D-66482 Zweibrücken Germany
Telefon : (49) 0 63 32 - 487 - 312
F a x : (49) 0 63 32 - 487 - 101

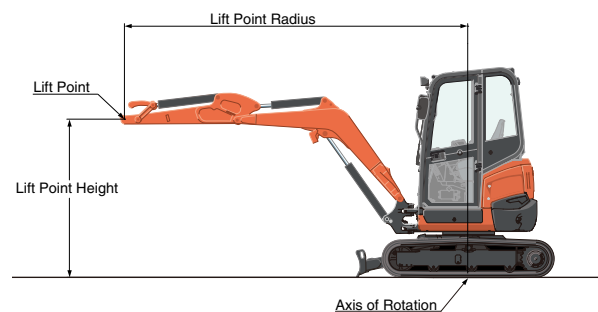
<http://www.kubota-global.net>

Cat. No.8847-01-EU '17-12D.

WORKING RANGE



1300 mm arm
Unit: mm



* Working ranges are with Kubota standard bucket, without quick coupler.

* Specifications are subject to change without notice for purpose of improvement.