

SPECIFICATIONS

*With rubber shoe type

Model	U27-4			
Machine weight** (cabin / canopy)	kg	2590 / 2490		
Operating weight** (cabin / canopy)	kg	2665 / 2565		
Bucket capacity, std. SAE/CECE	m ³	0.06		
Bucket width (with / without side teeth)	mm	500 / 450		
Engine	Model	D1105-E4-BH-2		
	Type	Water-cooled, diesel engine E-TVCS (Economical, ecological type)		
	Output ISO14396	PS (kW)/rpm	20.9 (15.4) / 2400	
	Output ISO9249 NET	PS (kW)/rpm	20.3 (14.9) / 2400	
	Number of cylinders		3	
	Bore × Stroke	mm	78 × 78.4	
Displacement	cc	1123		
Overall length	mm	4190		
Overall height (cabin / canopy)	mm	2430 / 2420		
Swivelling speed	rpm	9.8		
Rubber shoe width	mm	300		
Tumbler distance	mm	1560		
Dozer size (width × height)	mm	1500 × 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)	deg	75 / 55		
Auxiliary circuit (AUX1)	Flow rate	ℓ /min	48	
	Hydraulic pressure	MPa (kgf/cm ²)	17.2 (175)	
Auxiliary circuit (AUX2)	Flow rate	ℓ /min	19.2	
	Hydraulic pressure	MPa (kgf/cm ²)	17.2 (175)	
Hydraulic reservoir	ℓ	22		
Fuel tank capacity	ℓ	33		
Max. travelling speed (low / high)	km/h	2.5 / 4.5		
Ground contact pressure (cabin / canopy)	kPa (kgf/cm ²)	24.7 (0.25) / 23.7 (0.24)		
Ground clearance	mm	290		
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 RMS	3.25
		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 Verceyryse
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

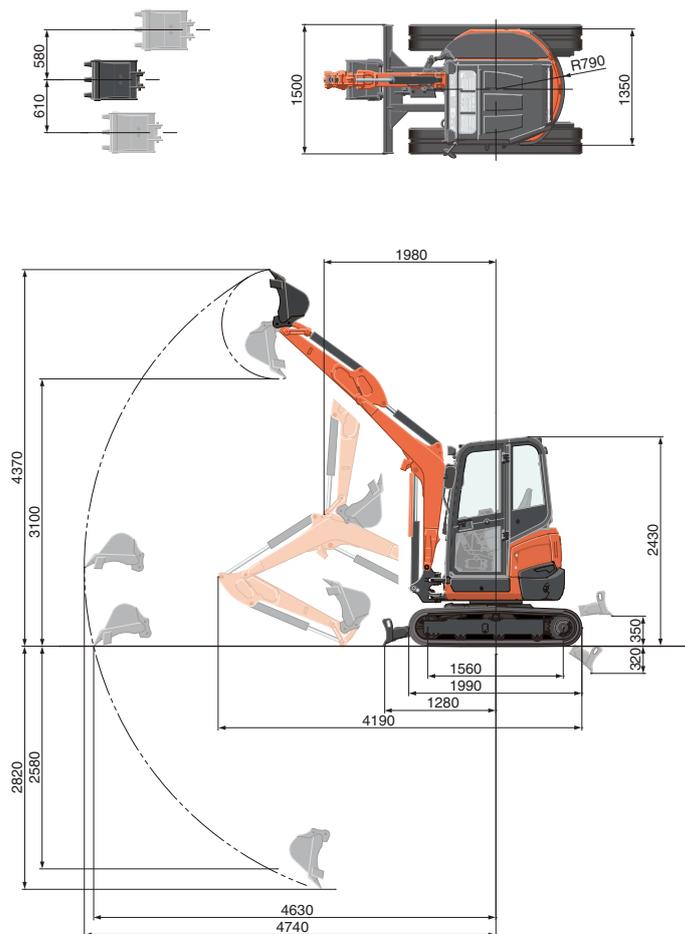
Dormer Road, Thame, Oxfordshire,
OX9 3UN, U.K.
Phone : 01844-268140
F a x : 01844-216685

KUBOTA Baumaschinen GmbH

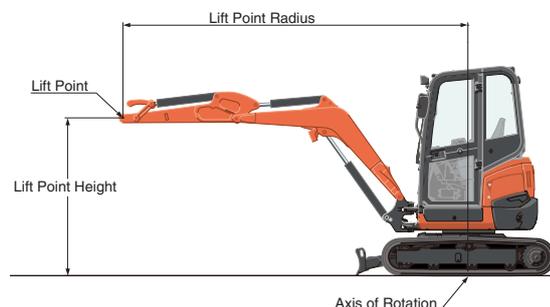
Steinhauser Straße 100
D-66482 Zweibrücken Germany
Telefon : (49) 0 63 32 - 487 - 0
F a x : (49) 0 63 32 - 487 - 101

<http://www.kubota-eu.com>

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.