

Engine output: 24.4 PS / 17.5 kW

Machine weight: 2,590 kg

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Kubota

# KX027-4

KUBOTA MINI EXCAVATOR



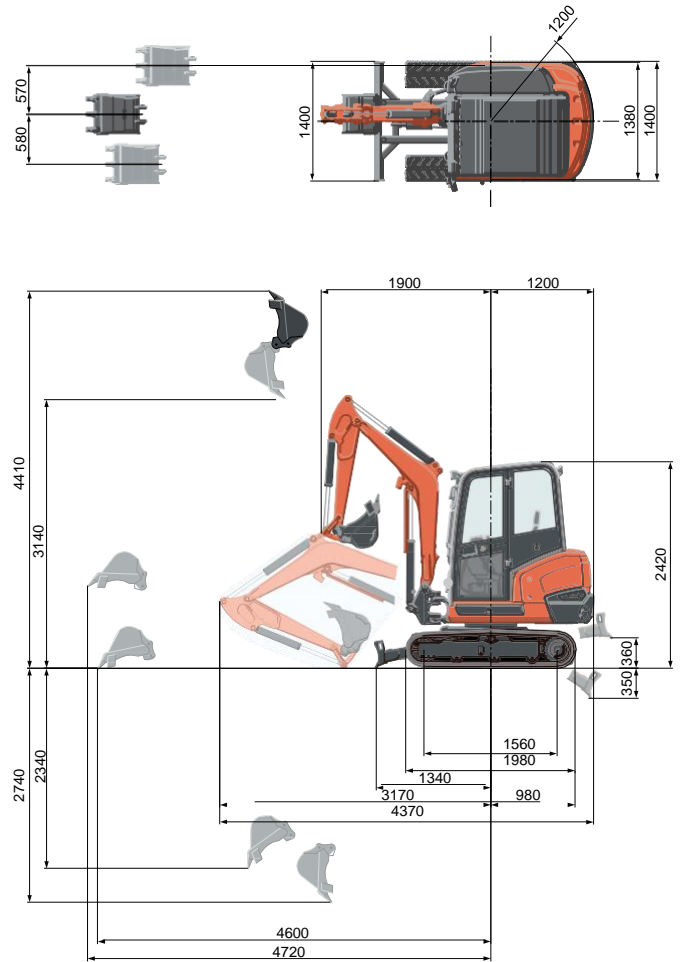
# SPECIFICATIONS

Model		KX027-4		
Machine weight*1	Cabin / Canopy	kg	2590 / 2520	
Operating weight*2	Cabin / Canopy	kg	2665 / 2595	
Engine	Model		V1505-E4	
	Type		Water-cooled, diesel engine E-TVCS (Economic, ecological type)	
	Output ISO9249 NET	PS/rpm	24.4 / 2250	
		kW/rpm	17.5 / 2250	
	Number of cylinders		4	
	Bore × Stroke		mm 78 × 78.4	
	Displacement		cc 1498	
Dimensions	Overall width		mm 1400	
	Overall height (Cabin / Canopy)		mm 2420 / 2420	
	Overall length (1050mm arm / 1300mm arm)		mm 4340 / 4370	
	Ground clearance		mm 300	
	Dozer size (width × height)		mm 1400 × 300	
	Rubber shoe width		mm 300	
	Minimum front swivel radius with boom swing (left / right)		mm 1580 / 1850	
	Boom swing angle (left / right)		deg 77 / 57	
	Hydraulic System	P1, P2	Variable displacement pump	
			Flow rate ℓ/min	29.3 × 2
Hydraulic pressure MPa(kgf/cm <sup>2</sup> )			22.5 (230)	
P3		Gear type		
		Flow rate ℓ/min	18.0	
		Hydraulic pressure MPa(kgf/cm <sup>2</sup> )	17.2 (175)	
Auxiliary(AUX1)		Flow rate ℓ/min	47.3	
		Hydraulic pressure MPa(kgf/cm <sup>2</sup> )	22.5 (230)	
Auxiliary(AUX2)		Flow rate ℓ/min	18.0	
		Hydraulic pressure MPa(kgf/cm <sup>2</sup> )	17.2 (175)	
Max. digging force, arm		kN (kgf)	12.9 (1320)	
Max. digging force, bucket		kN (kgf)	22.1 (2250)	
Hydraulic reservoir (tank / full)		ℓ	34 / 51	
Max. travelling Speed	Low	km/h	2.7	
	High	km/h	4.6	
Ground contact pressure	Cabin	kPa (kgf/cm <sup>2</sup> )	24.7 (0.25)	
	Canopy	kPa (kgf/cm <sup>2</sup> )	23.7 (0.24)	
Swivelling speed		rpm	9.8	
Fuel tank capacity		ℓ	48	

\*1 With 55kg standard bucket, 1300mm arm, full tanks, rubbershoe.

\*2 With 75kg operator, 1300mm arm, 55kg standard bucket, full tanks, rubbershoe.

# WORKING RANGE



1300 mm arm  
Unit: mm

# LIFTING CAPACITY

Lift Point Height	kN (ton)			
	Lifting point radius (2m)		Lifting point radius (max.)	
	Over-front (blade down)	Over-side	Over-front (blade down)	Over-side
1.5m	9.2(0.94)	7.5(0.77)	-	-
1.0m	12.3(1.26)	7.0(0.71)	5.0(0.51)	2.6(0.26)
0.5m	13.9(1.42)	6.7(0.68)	-	-
0m	14.1(1.44)	6.6(0.67)	-	-

\*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.



\* Working ranges are with Kubota standard bucket, without quick coupler.  
\* Specifications are subject to change without notice for purpose of improvement.

★ All images shown are for brochure purposes only.

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

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