

SPECIFICATIONS

*With rubber shoe type

Model			U36-4	
Machine weight ^{*1}	Cabin / Canopy	kg	3825 / 3655	
Operating weight ^{*2}	Cabin / Canopy	kg	3900 / 3730	
Bucket capacity std. SAE/CECE		m ³	0.11 / 0.096	
Engine	Model		D1703-M-DI-E4	
	Type		Vertical 4-cycle liquid cooled diesel	
	Output ISO14396 ^{*3}	PS (kW) / rpm	24.7 (18.2) / 2200	
	Output ISO9249 NET ^{*3}	PS (kW) / rpm	24.2 (17.8) / 2200	
	Output ISO9249 NET (A/C) ^{*3}	PS (kW) / rpm	24.1 (17.7) / 2200	
	Number of cylinders		3	
	Bore × Stroke	mm	87 × 92.4	
	Displacement	cc	1647	
	Fuel ^{*4}	Diesel fuel conforming to EN 590 / HVO conforming to EN 15940		
Dimensions	Overall width	mm	1700	
	Overall height (Cabin / Canopy)	mm	2480	
	Overall length	mm	4910	
	Ground clearance	mm	285	
	Dozer size (width × height)	mm	1700 × 340	
	Rubber shoe width	mm	300	
	Minimum front swivel radius with boom swing (left / right)	mm	1905 / 2260	
	Boom swing angle (left / right)	deg	69 / 48	
Hydraulic System	P1, P2		Variable displacement pump	
		Flow rate ℓ /min	81.4	
		Hydraulic pressure MPa (kgf/cm ²)	24.5 (250)	
	P3		Gear type pump	
		Flow rate ℓ /min	20.9	
		Hydraulic pressure MPa (kgf/cm ²)	19.6 (200)	
	Auxiliary (AUX1) max. flow rate	Max. flow rate ℓ /min	61.6	
		Max. hydraulic pressure MPa (kgf/cm ²)	20.6 (210)	
	Auxiliary (AUX2) max. flow rate	Max. flow rate ℓ /min	20.9	
		Max. hydraulic pressure MPa (kgf/cm ²)	19.6 (200)	
Max. digging force (arm / bucket) kN (kgf)		17.1 (1740) / 30.0 (3060)		
Hydraulic reservoir (tank / full) ℓ		35.7 / 61		
Max. travelling speed (low / high)		km/h	3.0 / 4.6	
Ground contact pressure (cabin / canopy) kPa (kgf/cm ²)		35.7 (0.36) / 34.2 (0.35)		
Swivelling speed		rpm	8.3	
Fuel tank capacity		ℓ	45.1	
Noise level		LpA dB (A)	78	
		LwA (2000/14/EC) dB (A)	94	
Vibration ^{*5}	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	<2.5	
		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 With Kubota original quick coupler and Kubota original bucket 135kg, full tanks.

*² Machine weight + 75 kg operator.

*³ With diesel fuel conforming to EN590.

*⁴ Note that HVO has lower density than diesel fuels.

*⁵ These values are measured under specific conditions at maximum engine speed and can deviate, depending on the operating status.

LIFTING CAPACITY

with 1525mm arm, rubber shoe, cabin type:

Lift Point Height	Lifting point radius (3.5m)			Lifting point radius (4.5m)			Lifting point radius (max.)		
	Over-front		Over-side	Over-front		Over-side	Over-front		Over-side
	Blade Down	Blade Up		Blade Down	Blade Up		Blade Down	Blade Up	
2.0m	5.5 (0.57)	5.5 (0.57)	4.4 (0.45)	5.2 (0.53)	4.4 (0.45)	3.7 (0.38)	-	-	-
1.5m	6.4 (0.66)	6.3 (0.64)	4.4 (0.45)	5.5 (0.56)	4.3 (0.44)	3.7 (0.38)	-	-	-
1.0m	7.3 (0.75)	6.1 (0.63)	5.1 (0.52)	5.8 (0.59)	4.2 (0.43)	3.6 (0.37)	4.8 (0.48)	3.8 (0.38)	3.3 (0.34)
0m	8.7 (0.89)	5.9 (0.60)	5.1 (0.52)	6.3 (0.65)	4.1 (0.42)	3.6 (0.37)	-	-	3.3 (0.34)

kN (t)

★ 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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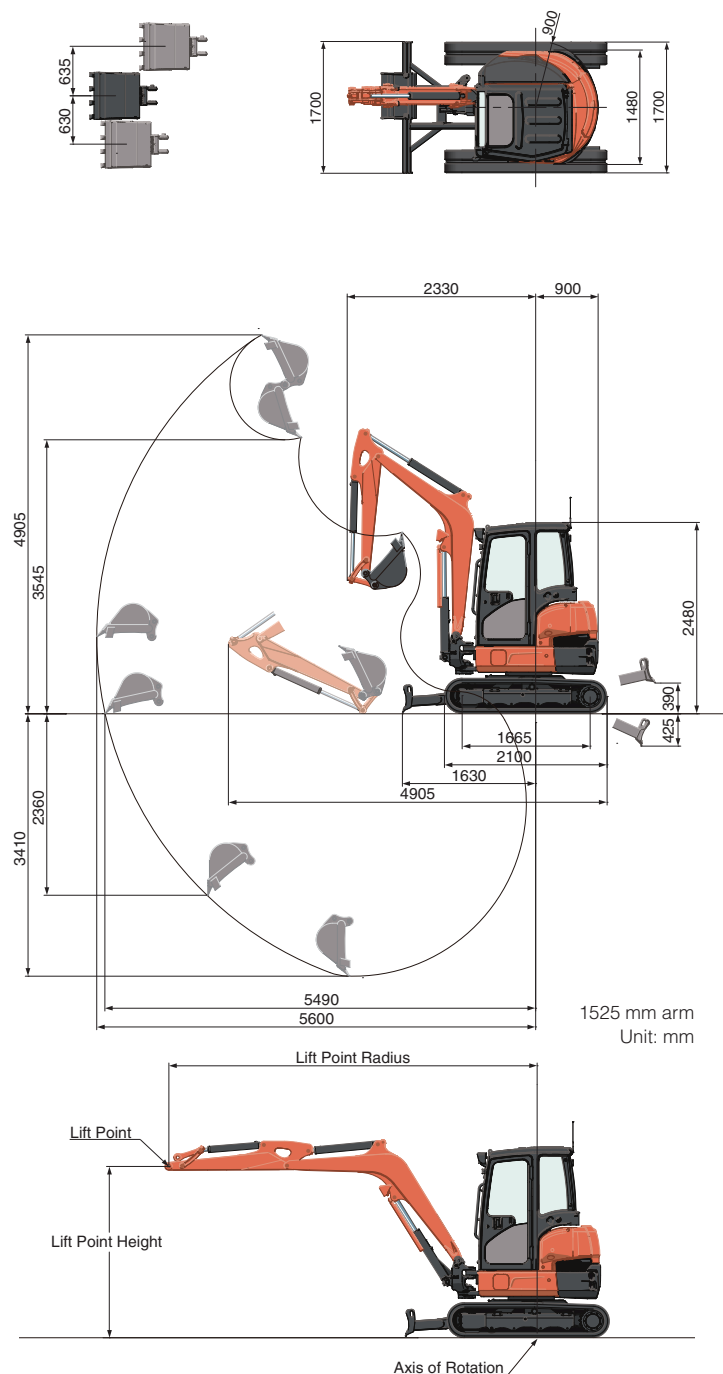
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WORKING RANGE



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

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

Fluorinated greenhouse gases

Air conditioner gas contains fluorinated greenhouse gases.

Model	Industrial designation	Quantity (kg)	CO ₂ equivalent (ton)	GWP
U36-4	HFC-134a	0.8	1.15	1430

(Global Warming Potential: GWP)