

KUBOTA MINI-EXCAVATOR

# KX36-3



**Kubota**

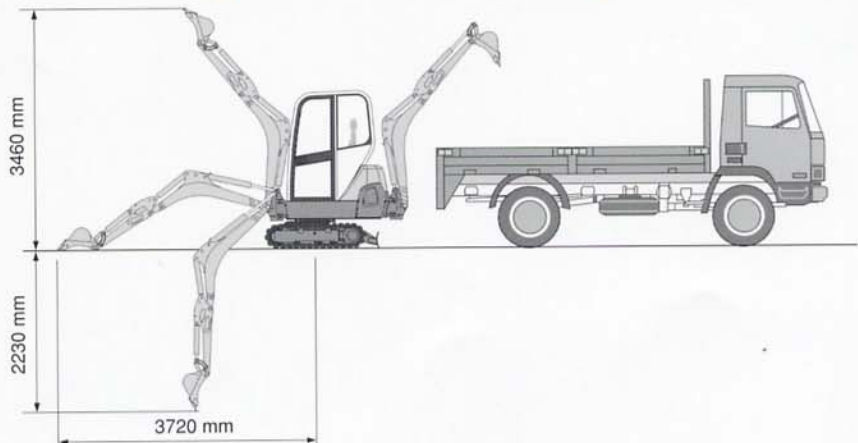
# Powerful digging force. Increased dig depth. Spacious cabin. The advanced KX36-3 lets you take on a variety of tasks.

To make your business expand, you've got to take on more jobs. To take on more jobs, you need a more versatile excavator. Like the 1.5-ton Kubota KX36-3 compact excavator. Tapping 30 years of experience in excavator development, we designed the KX36-3 to be second to none at efficiently handling the broadest range of jobs. It features a more powerful bucket digging force, increased dig depth, well-protected boom cylinder and hydraulic hoses, comfortable cabin, and more. The KX36-3's versatility makes it ideal for all construction applications and users—from owner operators to plant hire fleet operators and from landscaping to civil engineering.



## Digging arm and bucket

The KX36-3 comes with the biggest boom lifting force. A long arm, now a standard feature, provides increased dig depth and digging radius. The end result is a performance that gives you the confidence to take on the toughest jobs.



### Deluxe cabin

To minimise fatigue, our cabin delivers maximum comfort by offering more legroom, a suspension seat, and an exceptionally low noise level of LpA 76dB. (Canopy noise level: LpA 74dB.) It's comparable to our 3-ton KX-3 series cabin, and is also equipped with a Roll-Over Protective Structure (ROPS) and Falling Objects Protective Structure (FOPS).

### Boom cylinder

For increased reliability when performing in hazardous conditions, including demolition jobs when a breaker is fitted, we repositioned the boom cylinder above the boom to prevent cylinder damage. Lifting power has also increased by changing the boom cylinder's diameter and pressure.



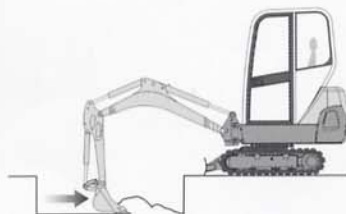
### Cabin door space

By increasing the cabin door space by a generous 185mm, easy entering and exiting is now possible. Previous model: 300mm. KX36-3: 485mm.



### Variable displacement pump

This new feature enhances performance and fuel efficiency while also reducing operator fatigue. It enables the KX36-3 to operate more smoothly.



### Balanced performance

To provide more balance and stability, the KX36-3's tumbler distance has been increased. Plus, the track shoe width has also been expanded from 200mm to 230mm.

# Easy maintenance and high durability keep you working longer.

## Quick maintenance

Accessing the engine is easy, thanks to a full-open rear bonnet. For quick daily maintenance, simply open the rear cover panel to expose oil filter, coolant, air filter, radiator, and more.



## Kubota engine

The Kubota D782 engine with a 778cc displacement provides economical and environmentally clean power.

## Bucket cylinder hoses

To greatly extend service life, both the bucket cylinder hoses and auxiliary hydraulic pipes have been routed through the arm for maximum protection.



## Lock system

To prevent unexpected machine movement, the safety lever must be raised to lock out the travel levers and pilot controls before the engine will start.

## Dozer cylinder hoses

Utilising a new, convenient two-piece design, the dozer cylinder hoses can now be easily replaced wherever you're working.



## Standard Equipment

### Engine/Fuel system

- Double-element air cleaner
- Electric fuel pump

### Undercarriage

- 230mm rubber track

### Hydraulic system

- Pressure accumulator
- Hydraulic pressure checking ports
- Third line hydraulic return
- Variable pump

### Safety system

- Engine start safety system on the left console
- Travel lock system
- Swivel lock system

### Working equipment

- 950mm arm
- Auxiliary hydraulic circuit piping to the arm's end
- 1 working light on the boom

### Cabin

- ROPS (Roll-Over Protective Structure, ISO3471)
- FOPS (Falling Objects Protective Structure) level 1
- Weight-adjustable semi suspension seat
- Seatbelt
- Hydraulic pilot control levers with wrist rests
- Cabin heater for defrosting & demisting
- Emergency exit hammer
- Front window power-assisted with 2 gas damper
- 12V power source
- Location for radio
- Back mirror
- Switch and harness for beacon light

### Canopy

- ROPS (Roll-Over Protective Structure, ISO3471)
- FOPS (Falling Objects Protective Structure) level 1
- Weight-adjustable semi suspension seat
- Seatbelt
- 12V power source
- Hydraulic pilot control levers with wrist rests
- Switch and harness for beacon light

## Optional Equipment

- 2 speakers and radio antenna
- 2 working lights on the cabin

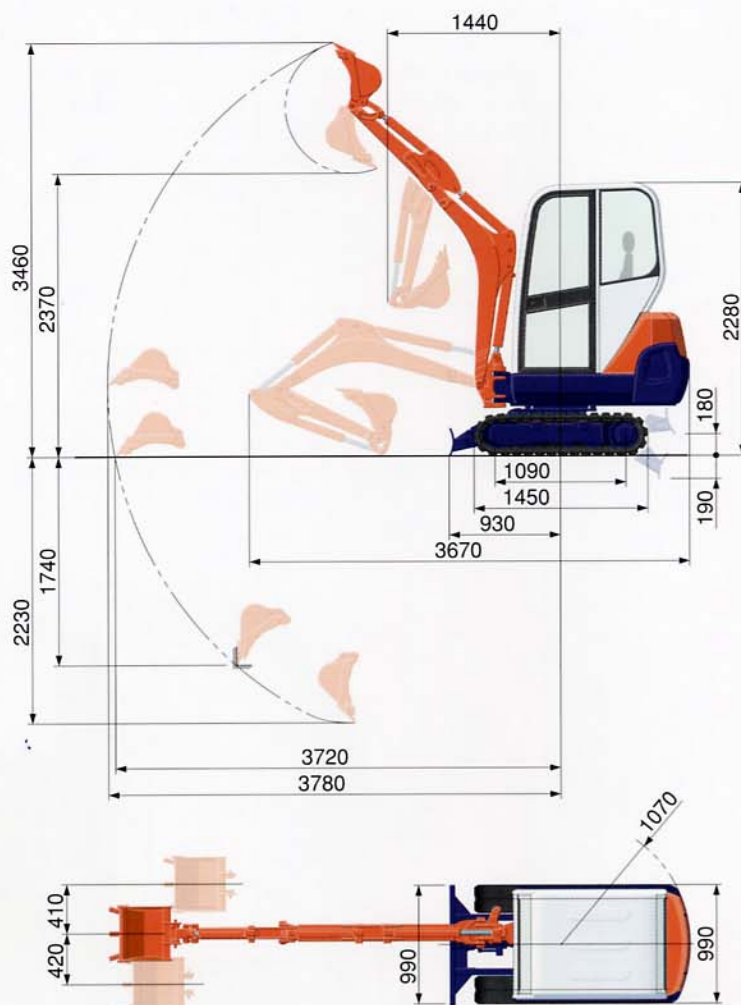


# SPECIFICATIONS

\*Rubber shoe type

Machine weight	Cabin	kg	1580	
	Canopy	kg	1490	
Bucket capacity, std. SAE/CECE		m <sup>3</sup>	0.035	
Bucket width	with side teeth	mm	422	
	without side teeth	mm	402	
Model		D782-BH		
Type		Water-cooled diesel engine E-TVCS		
Engine	Output ISO9249	PS/rpm	12/2300	
		kW/rpm	9/2300	
	Number of cylinders		3	
	Bore x stroke		mm	67 x 73.6
	Displacement		cc	778
Overall length		mm	3670	
Overall height	Cabin	mm	2280	
	Canopy	mm	2280	
Swivelling speed		rpm	9.1	
Rubber shoe width		mm	230	
Tumbler distance		mm	1090	
Dozer size (width x height)		mm	990 x 230	
Hydraulic pumps	P1, P2		Variable displacement pump	
	Flow rate	ℓ/min	16.6	
	Hydraulic pressure	MPa(kgf/cm <sup>2</sup> )	20.6 (210)	
	P3		Gear type	
	Flow rate	ℓ/min	10.4	
		Hydraulic pressure	MPa(kgf/cm <sup>2</sup> )	20.1 (205)
Max. digging force	Arm	kN (kgf)	7.2 (735)	
	Bucket	kN (kgf)	13.0 (1327)	
Boom swing angle (left/right)		deg	73/50	
Auxiliary circuit	Flow rate	ℓ/min	27	
	Hydraulic pressure	MPa(kgf/cm <sup>2</sup> )	20.6 (210)	
Hydraulic reservoir		ℓ	27	
Fuel tank capacity		ℓ	21	
Max. travelling speed	Low	km/h	2.2	
	High	km/h	-	
Ground contact pressure	Cabin	kPa(kgf/cm <sup>2</sup> )	26.4 (0.27)	
	Canopy	kPa(kgf/cm <sup>2</sup> )	24.7 (0.25)	
Ground clearance		mm	160	

# WORKING RANGE



( ): Long Arm  
Unit: mm

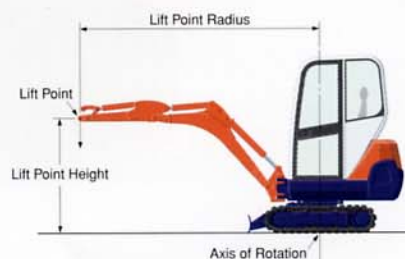
# LIFTING CAPACITY

Lift Point Height	kN (ton)					
	Lifting point radius (2m)			Lifting point radius (3m)		
	Over-front		Over-side	Over-front		Over-side
Blade Down	Blade Up	Blade Down		Blade Up		
1.5m	3.8 (0.39)	3.6 (0.36)	2.8 (0.28)	3.5 (0.35)	1.8 (0.19)	1.4 (0.15)
1.0m	5.4 (0.55)	3.4 (0.34)	2.6 (0.26)	3.6 (0.36)	1.8 (0.18)	1.4 (0.14)
0.5m	6.4 (0.65)	3.1 (0.32)	2.4 (0.24)	3.6 (0.36)	1.7 (0.18)	1.4 (0.14)
0m	6.3 (0.64)	3.0 (0.31)	2.3 (0.23)	3.4 (0.35)	1.7 (0.17)	1.3 (0.13)

Please note:

\* 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 capacity 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.

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