Engine output: **24.2 PS** / **17.8 kW**

Machine weight (Cabin/Canopy): **3,755** / **3,575 kg**

For Earth, For Life

Kubota

U36-4

KUBOTA MINI EXCAVATOR



With a spacious new 5-tonne class deluxe cab, the 3.5-tonne U36-4 compact excavator brings more comfort and luxury to almost any challenge.

Kubota believes that operator comfort is one of the top priorities. That's why the U36-4 is equipped with the same spacious cab as our larger 5-tonne excavators. This roomy cab features a larger entrance, more legroom and an interior that is both luxurious and comfortable. Enhanced ergonomics allow you to perform routine operations with ease.

Wider Entrance

The U36-4's larger cab provides a much wider door and more ample foot space, to make getting in and out of the excavator a breeze.

• U35-3α3's previous design





Air Conditioning (Option)

Enhanced air circulation in the cab results from a more powerful cooling/heating unit and six vents positioned around the operator to offer optimal all weather comfort.





A. Deluxe Suspension Seat

Kubota's high back suspension seat has been designed for maximum operator comfort and to minimize fatigue during extended machine operation. The deluxe reclining seat offers weight compensation, firm adjustable wrist support and retractable seat belt.

B. 2-speed Travel Switch

The 2-speed travel switch is placed on the dozer lever, this delivers easy operation together with Auto Shift.

C. Cup Holder

D. Wrist Rest

E. Radio Location with Bracket

Front Digital Panel

Following the excellence of Kubota's Intelligent Control System, the new digital panel puts convenience at the operator's fingertips. Featuring easier button operation, the user-friendly digital panel is positioned to the front right corner of the operator. This operator-facing wider display greatly improves visibility. With easier access, simpler settings, easy-to-read indicators and alerts, you'll always be aware of the excavator's functioning status.



Standard Mode



Service Mode



Warning Mode



Operation History Record



Max. Oil Flow Setting

SUPERIOR PERFORMANCE

Handle any job with confidence. The Kubota U36-4 combines superior power and outstanding versatility to tackle demanding jobs in a variety of conditions. Operate auxiliary attachments more easily than ever with precise oil flow control to the auxiliary circuit. A more powerful arm breakout force, combined with an array of enhanced functions, results in the smooth and productive operation Kubota machines are known for.





Kubota Original Direct Injection Engine



The U36-4 is powered by Kubota's impressive 24.2 PS direct injection engine. Engineered with the power to maximise digging and lifting performance, it also delivers minimised noise, vibration and fuel consumption.

Proportional flow control of auxiliary circuit (AUX1/2)* and maximum oil flow setting



Now you can conveniently program up to five different oil flow rates for specific attachments on the new digital control panel. No tools or manual adjustment is required. Also, with a maximum AUX1 circuit oil flow now up to 60 ℓ/min you can operate a larger variety of auxiliary attachments than ever before.
**AUX2 as option (20.9 ℓ/min)*

Auto shift

The auto shift system enables automatic travel shift between high and low, depending on traction effort and terrain. This gives smoother operations when dozing and turning.

Third-line hydraulic return

A standard third-line hydraulic return system allows oil return directly to the tank without running through the control valves during operation of one-way hydraulic attachments. This decreases the likelihood of oil contamination, and results in less back pressure and greater oil flow efficiency.

Auto idling system

When U36-4 control levers are in neutral for more than 4 seconds, engine RPM automatically idles. Move any control lever, and engine RPM immediately returns. This innovative feature not only reduces operating cost and fuel consumption, it also lowers noise and exhaust emissions.

Large-capacity variable displacement pump

The U36-4's performance matched boom, arm and bucket movements are the best in the industry. Kubota's unique hydraulic system and large-capacity variable displacement pump give you the precise control needed to operate smoothly and efficiently in confined quarters. With the hydraulic power harnessed in the U36-4's front working group superior digging force is available when you need it.



Tight Tail Swing

The tail's minimum protrusion outside the track width enables the operator to work the machine in confined spaces with complete confidence.

Generous Approach Angle

Navigate ramps and over obstacles with confidence - Kubota's dozer blade has a 32 degree approach angle.



EASY MAINTENANCE, SUPERIOR SAFETY

The fully opening access door and hood provide quick and easy access to all inspection and maintenance areas of the engine. The U36-4 is also equipped with a full range of safety features, from ROPS/OPG to front window guard mounting points, as well as a variety of conveniences.



A. Dual Element Air Cleaner **B.** Water Separater
C. Fuel Filter **D.** Starter Motor **E.** Alternator

ROPS/OPG (top guard, level I) canopy and cabin

ROPS/OPG (Top Guard, Level I) canopy and cabin provide protection in the event of accidental rollovers and falling objects.

Tie down points on the top frame

Four tie down points are now installed on the top frame for safer and easier transportation.

Safety Devices

To enhance safety during operation, the U36-4 can be equipped with optional safety valves (Boom, Arm, Dozer) to prevent unexpected drop of Front attachments. Also the U36-4 has an optional Over Load Buzzer, to warn of possible instability when handling heavy materials.

Fuel Tank Buzzer

The U36-4 is also equipped with a fuel tank buzzer, which indicates the fill level status whilst refueling, and helps prevent the fuel tank overfilling.



Two-piece hose design

Kubota's innovative two-piece hose design for the dozer blade reduces hose replacement time by nearly 60% compared to non-joint types.



Tool storage space



Front window guard mounting points

For additional protection from flying chips and debris. Kubota provides the window guard mounting points around the front window as a standard feature.



Kubota Original Anti-theft System

Your U36-4 is protected by Kubota's industry-leading anti-theft system. Only programmed keys will enable the engine to start up. Attempting to start with an un-programmed key will activate the alarm. Its features include an alert to remind the operator to extract the key after operation, and an LED to alert potential thieves that the system is activated.

Protected by KUBOTA ANTI THEFT SYSTEM

Standard Equipment

Engine/Fuel system

- KUBOTA original engine
- Double-element air cleaner
- Fuel level indication buzzer
- Battery isolator
- Water separator with drain cock
- Auto idle

Undercarriage

- 300 mm rubber track
- Short pitched rubber crawler
- 2-speed travel
- Auto shift
- 4 × double flange track rollers on each track
- 1 × upper track roller

Hydraulic system

- 2 × variable displacement pumps and 1 × gear pump
- Pressure accumulator
- Hydraulic pressure checking ports
- Straight travel circuit
- Auxiliary hydraulic circuit piping to the arm's end
- Adjustable maximum oil flow on auxiliary hydraulic circuits (AUX1/AUX2)
- Auxiliary switch (AUX1) on right control lever (proportional)
- Third line hydraulic return

Safety system

- Engine start safety system on the left console
- Hydraulic lock system
- Swivel negative brake
- Travel negative brake
- Kubota original anti-theft system

Working equipment

- 1525 mm arm
- 1 working light on the boom

Cabin

- ROPS (Roll-over Protective Structure, ISO3471)
- OPG (Operator Protective Guard, Top Guard level I, ISO 10262)
- Cabin heater for defrosting and demisting
- Weight-adjustable full suspension seat (fabric seat)
- Retractable seatbelt
- 2 working lights on the cabin
- Radio installation kit prepared on the cabin (antenna, 2 speakers, bracket for radio)
- Hydraulic pilot control levers with wrist rests
- Front LCD panel with diagnosis function
- Front window power-assisted with gas damper
- Front guard mounting points
- Switch and harness for beacon light
- 12V power source
- Emergency exit hammer

Canopy

- ROPS (Roll-over Protective Structure, ISO3471)
- OPG (Operator Protective Guard, Top Guard level I, ISO 10262)
- Weight-adjustable full suspension seat (PVC seat)
- Retractable seatbelt
- Hydraulic pilot control levers with wrist rests
- Front LCD panel with diagnosis function
- Front guard mounting points
- Switch for beacon light
- 12V power source

Others

- Tool storage space
- Tie down points on the top frame

Optional Equipment

Undercarriage

- 300 mm steel track (+90kg)

Safety system

- Safety valve for boom, arm and dozer

Working equipment

- AUX2 as option (Proportional control)

Cabin

- Air conditioner

Cabin/Canopy

- 2 working lights on the canopy
- Front guard (OPG, Front Guard level level I, ISO 10262)

Others

- Bio oil
- Special paint
- Beacon light

Kubota Genuine and Approved Parts
for maximum performance, durability and safety



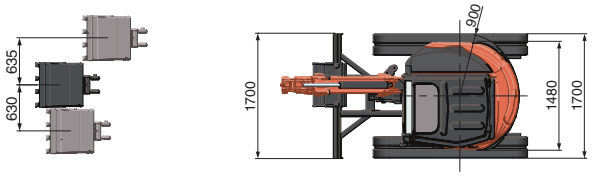
SPECIFICATIONS

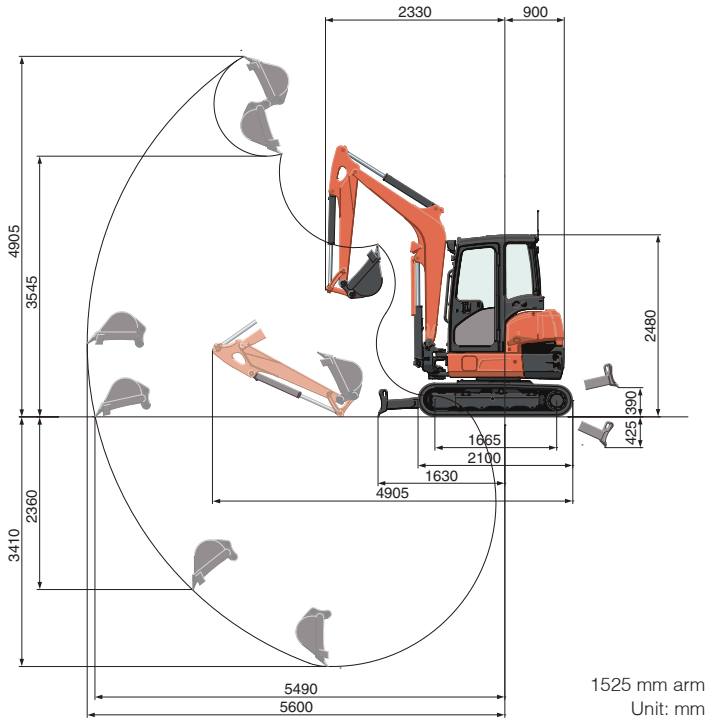
*With rubber shoe type

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		cm^3	1647
	Fuel*4			Diesel fuel conforming to EN590 / 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	ℓ /min	61.6
		Max. hydraulic pressure	MPa (kgf/cm^2)	20.6 (210)
	Auxiliary (AUX2)	Max. flow rate	ℓ /min	20.9
		Max. hydraulic pressure	MPa (kgf/cm^2)	19.6 (200)
	Max. digging force (arm)		kN (kgf)	17.1 (1740)
	Max. digging force (bucket)		kN (kgf)	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

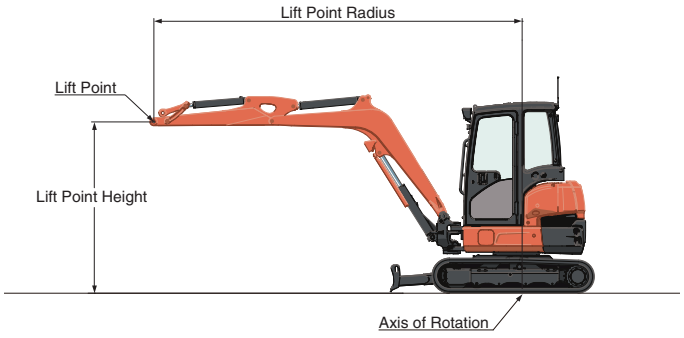
*1 Cabin with 71 kg standard bucket, 1525 mm arm, full tanks, rubber shoe ready for operation.
*2 With 75 kg operator, 1525 mm arm, 71 kg standard bucket, full tanks, rubber shoe.
*3 With diesel fuel comforming to EN590.
*4 Note that HVO has lower density than diesel fuels.
*5 These values are measured under specific conditions at maximum engine speed and can deviate, depending on the operating status.

WORKING RANGE





1525 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.

LIFTING CAPACITY

With 1525mm arm, rubber shoe, cabin type

kN (t)

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)

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)

Please note:
* The lifting capacities are based on ISO 10567 and do not exceed 75% of the static tilt load of the machine or 80% of the hydraulic lifting capacity 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.

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