

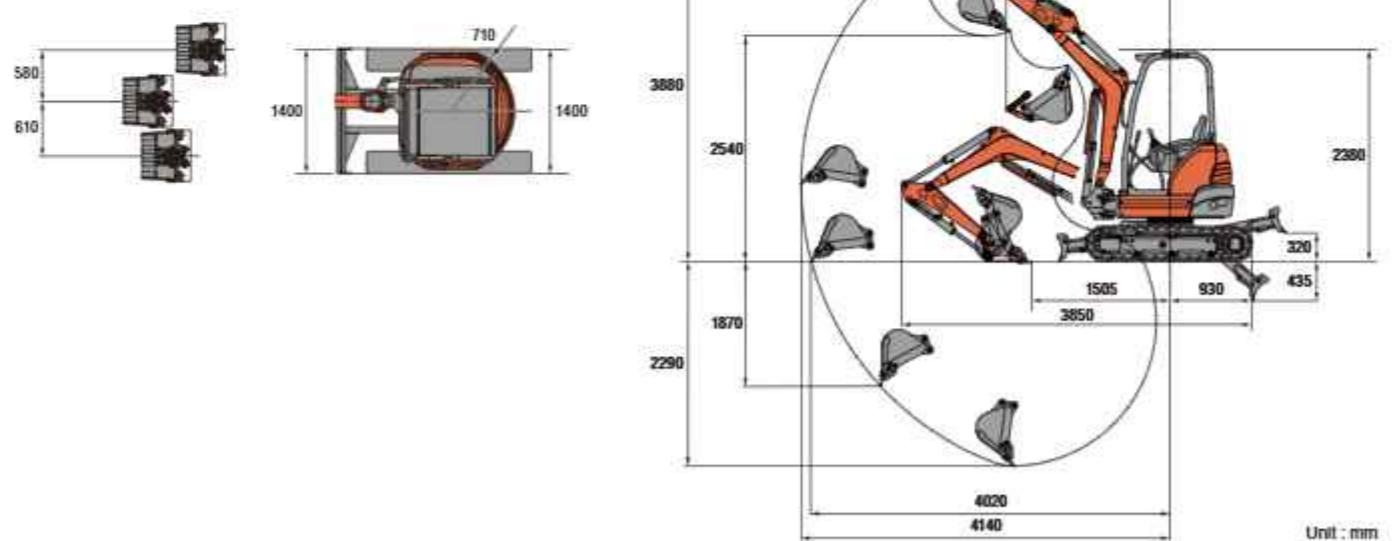
## Specification

Model		U22-3	
Crawler Type		Steel	
<b>Machine weight</b>		kg	2155
<b>Operating weight (including operator weight:75kg)</b>		kg	2230
<b>Dimensions* (In transport condition)</b>	Overall length	mm	3850
	Overall height	mm	2380
	Overall width	mm	1400
	Min. ground clearance	mm	255
<b>Engine</b>	Model	Kubota D1105-E4-BH	
	Total displacement	cc	1123
	Rated output (SAE J1995 gross)	kW (HP)/rpm	14.2 kW (19.0 HP)/2200
<b>Working range</b>	Max. digging height	mm	3880
	Max. dumping height	mm	2540
	Max. digging depth	mm	2290
	Max. vertical digging depth	mm	1870
	Max. reach radius	mm	4140
	Boom swing (left/right)	deg	72/55
	Min. turning radius (with swing)	mm	1440
	Min. tail turning radius	mm	710
	Max. breakout force (bucket)	kN(kgf)	13.2 (1346)
<b>Crawler shoe width</b>		mm	250
<b>Travel section</b>	Crawler length	mm	1845
	Tumbler distance	mm	1450
	Travel speed (1st/2nd gear)	km/h	2.1/4.0
	Max. climbing angle	deg (%)	30 (57.7)
<b>Swivel speed</b>		rpm	9.6
<b>Dozer</b>	Width	mm	1400
	Height	mm	290
	Max. lift above ground/drop below ground	mm	320/435
<b>Hydraulic pump type</b>		Variable pumpx1 gear pumpx2	
<b>Swivel motor type</b>		Orbit motor	
<b>Travel motor type</b>		Hydraulic piston motor	
<b>Fuel tank capacity</b>		L	27.7

Specifications in this catalog are subject to change without prior notice.

\*Dimensions are based on the machine with steel tracks and an unloaded digging bucket (Q/C Bucket).

## Working Range of U22-3



For Earth, For Life  
Kubota



**U22-3**  
KUBOTA MINI EXCAVATOR



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# UNLOCK THE POTENTIAL

KUBOTA MINI EXCAVATOR ENTER A NEW FIELD



## Japanese Technology, Global Trust

At Hirakata Plant in Japan, production is carried out by skillful engineers and operators with state-of-the-art welding and painting robots. These professionals also engage in daily improvement activities to manufacture even better products. Hirakata Plant plays an important role as a mother factory for our plants overseas.

-Kubota quality, proven here-



# MAJOR FEATURES



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New Generation Panel ..... P.8

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Boom Cylinder Protector ..... P.11

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(Smoother work)

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"X"-shaped Frame +  
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# PERFORMANCE

## World-Renowned Kubota Engine

Kubota engine provides sufficient power and reliability to your required job. In addition to its superior horsepower and performance, it also offers low noise, vibration level and exceptional fuel efficiency.



## NEW- H.M.S. Hydraulic System (Smoother work)

Kubota adopts "3 pump system", using three independent pumps for boom, arm and swivel to make the co-operation of bucket, boom and swivel smoothly and efficiently. It equips high-capacity control valve and hydraulic variable pumps to realize superb excavating and loading performance.



## Efficiency in Tight Space

U22 can work more powerfully than U17 and more compactly than U30.



## Zero Tail

Kubota's zero-tail swing always keeps the tail of the mini excavator within track-width when swiveling, enabling operation in tight and confined spaces.

## Auxiliary Port

The auxiliary port at the end of the arm allows hydraulic power for attachments such as a breaker.

AUX Flow Rate 35.8L/min

## Boom Swing

Kubota's boom-swing allows direct digging close to a wall or building without repositioning the mini-excavator.

# COMFORT & SAFETY

## New Generation Panel

The user-friendly digital panel features one-touch button operation to view the time, working hour and engine rpm. Warning lamp with code number on the display alerts you in case of emergency such as overheating, hydraulic problem or low battery. With easier access, simpler setting, easy-to-read indicator and alert, you're always aware of the excavator's functioning status.



## Protected Front Hoses

The U22 front hoses are routed within the arm for greater protection. This design improves operator's visibility, increases hose service life and lowers repair cost.



## Engine Safety Start

The engine safety start system prevents the engine from starting when the pilot control lock lever is in the lowered position. This feature helps prevent accidents caused by unexpected excavator movement during engine start-up.

## Zero Tail

The zero tail minimizes the risk of hitting people or objects, enabling safe operation.



## ROPS/FOPS Canopy

The world-class ROPS/FOPS canopy (with seat belts) enhance operator safety.

## 12V Electric Power Socket

It can be used for accessories like cigarette lighter, mobile charger, etc.



## Cabin Space

Wide footwell space with dedicated footrests ensure spacious and machine's smooth operation delivers stress-free operation with a feel comparable to larger excavators.



## Travel and Swivel Motor with Disc Brake

Superior travel and swivel control with prompt braking response prevents unexpected accidents.

### Operator Protective Structure (OPS): TOPS, FOPS, and ROPS



**TOPS**  
Tip Over Protective Structure



**ROPS**  
Roll Over Protective Structure



**FOPS**  
Falling Object Protective Structure

# DURABILITY & MAINTENANCE

## Double-opening Bonnet

Double-opening bonnets enable easy access to the engine, control valves, and various components.



Air cleaner  
Fuel filter  
Water separator



Hydraulic oil tank  
Battery



## "X"-shaped Frame+Slanted Track Frame

Both components are designed to provide increased strength and durability, along with excellent stability. It also helps reduce stress on key components, contributing to a longer service.

## Boom Cylinder Protector

The thicker, steel-plated V-shaped boom cylinder protector guards against damage from attachments, rocks or loading.



## Strong Front Parts

The boom end and base, swing pivot—which bear heavy loads during operation—use cast steel components for enhanced strength. Additionally, the front pivot section is reinforced with a large-diameter front pivot pin.

## Dozer Cylinder Protector

The U22 dozer cylinder offers superior protection, safeguarding the machine from contaminants and damage.



## Two-piece Dozer Hose

Two-piece dozer hose connection simplify hose replacement and reduce downtime.