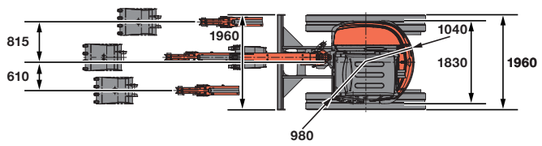
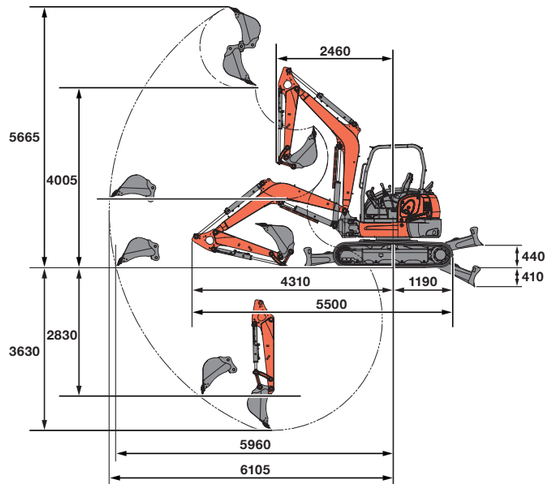
Specification

Model			U55-6S			
Canopy / Cabin			Canopy		Cabin	
Track Type			Steel	Rubber	Steel	Rubber
Bucket capacity		m^3	0.15			
Std. bucket width (with / without cutting blade)		mm	650 / 600			
Machine weight		kg	5320	5220	5410	5310
Operating weight (including operator weight:75kg)		kg	5395	5295	5485	5385
Dimensions (In transport condition)	Overall length	mm	5500			
	Overall height	mm	2540		2550	
	Overall width	mm	1960			
	Min. ground clearance	mm	310			
Engine	Model		Kubota V2607-DI-E3-BH-5		Kubota V2607-DI-E3-BH-3	
	Total displacement	cc	2615			
	Rated output (SAE J1995 gross)	kW (HP) / rpm	35.5 (47.6) / 2200			
Working range	Max. digging height	mm	5665			
	Max. dumping height	mm	4005			
	Max. digging depth	mm	3630			
	Max. vertical digging depth	mm	2830			
	Max. reach radius	mm	6105			
	Boom swing (left / right)	deg	71 / 54			
	Min. turning radius (with swing)	mm	2435 (2060)			
	Min. tail turning radius	mm	1040			
	Max. breakout force (bucket)	kN (kgf)	42.3 (4315)			
Crawler shoe width		mm	400			
Travel section	Crawler length	mm	2530	2500	2530	2500
	Tumbler distance	mm	1990			
	Travel speed (1st / 2nd gear)	km/h	2.6 / 4.6	2.8 / 4.9	2.6 / 4.6	2.8 / 4.9
	Max. climbing angle	deg	30			
Swivel speed		rpm	9.3			
Dozer	Width	mm	1960			
	Height	mm	410			
	Max. lift above ground / drop below ground	mm	440 / 410			
Hydraulic pump type			Variable pump×2 + gear pump×2			
Swivel motor type			Hydraulic piston motor			
Travel motor type			Hydraulic piston motor			
Fuel tank capacity		L	61.0			
Hydraulic oil tank capacity		L	45.0			
Hydraulic system		L	79.0			

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

Working Range of U55-6S





U55-6S OPTIONAL EQUIPMENT

- CANOPY WORKING LIGHTS
- BUCKET CYLINDER GUARD
- FRONT & REAR MIRROR

Unit : mm

Kubota Malaysia Sdn Bhd
Lot 766, Jalan Subang 4,
Off Persiaran Subang, Sungai Penaga Industrial Park,
47500 Subang Jaya, Selangor
TEL: 03-7890-3533

© 2026 Kubota Corporation
AKK2648

For Earth, For Life
Kubota

U55-6S

KUBOTA MINI EXCAVATOR



WORK HARD. FEEL GOOD.

World’s No.1 in Sales since 2002*

(*Source: Off-Highway Research 2025)

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. Hirakata Plant plays an important role as a mother factory for our plants overseas.
-Kubota quality, proven here-



MAJOR FEATURES

- 2-speed Travel Button P.7
- Multi-function Display Panel P.9
- LED Working Lights P.7
- Auxiliary Port P.7
- Reliable & Fuel-efficient Engine P.6
- H.M.S Hydraulic System P.6
- Auto Idling System P.7
- Auto Shift P.7

Air Conditioned Cabin Model

- Air Conditioner P.9
- Easy-open Front Slide Window P.9



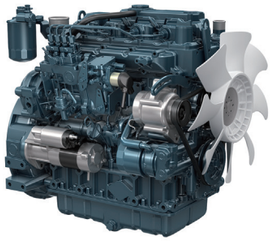
- ROPS / FOPS Canopy P.8
- Operation Pattern Change Lever P.6
- Third-line Hydraulic Return P.7
- Double-opening Bonnet P.10
- Air Cleaner Indicator P.10
- Water Separator P.10
- Tilting Oil Cooler P.11
- Refueling Alarm P.11
- "X"-shaped Frame + Slanted Track Frame P.11
- Two-piece Dozer Hose P.11
- Engine Safety Start P.8
- Hydraulic Pilot Control P.8
- Travel and Swivel Motor with Disc Brake P.8

PERFORMANCE

Reliable & Fuel-efficient Engine

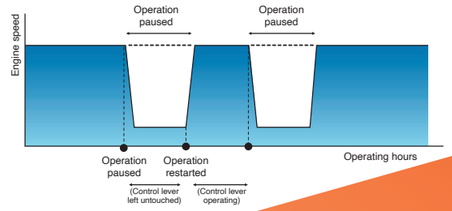
World's Top-class Engine

Kubota engine provides sufficient power
and reliability for your required job.
Equipped with an advanced direct injection system,
it burns fuel more efficiently for powerful performance,
while maintaining low noise, low vibration,
and excellent fuel efficiency.



Auto Idling System

Kubota's Auto Idle helps to reduce fuel usage by up to 10%.
When the control levers are in neutral for more than four seconds, the engine idles automatically. Engine regains preset RPM immediately by moving any control lever. This innovative feature reduces noise, emissions and running costs.



LED Working Lights

Bright illumination and long service life.


Boom Light

Cabin Light

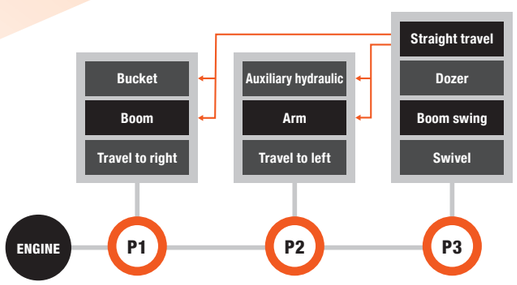
Cabin Light

Operation Pattern Change Lever

Two operation patterns are available.
Switched with a lever in the bonnet.

H.M.S Hydraulic System

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.



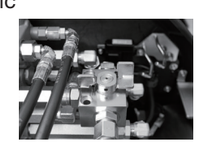
Auxiliary Port

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

U55: 75L/min

Third-line Hydraulic Return

When working with one-way hydraulic attachments such as a breaker, the standard third-line hydraulic return system allows oil to flow directly back to the tank.



Auto Shift

The auto shift system automatically changes from high to low travel speeds based on traction and terrain.
This provides smoother operation when dozing, turning, or working on varied surfaces.

2-speed Travel Button

Travel speed can be changed manually using the button on the dozer lever.
It works together with auto shift to enable smooth and easy operation.



COMFORT & SAFETY



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.

Hydraulic Pilot Control

This system is applied to all functions, including travel, swing, dozer, and auxiliary ports, providing smooth and easy operation.
All functions can be locked with a safety lever.
An accumulator allows the front attachment to be safely lowered to the ground even after the engine is turned off.

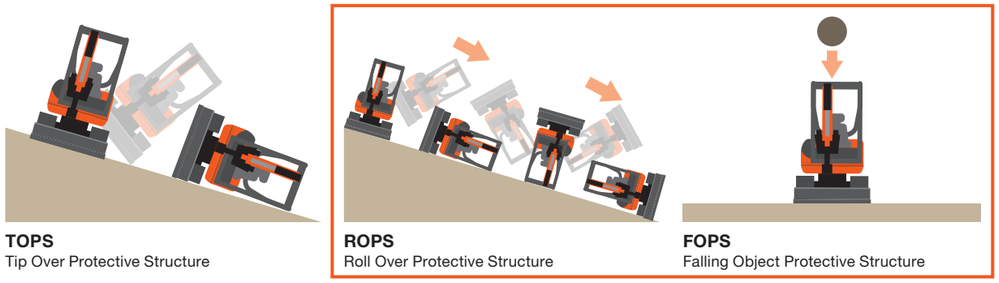
Travel and Swivel Motor with Disc Brake

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

ROPS / FOPS Canopy

The world-class ROPS / FOPS canopy with seat belt enhance operator safety.

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



TOPS
Tip Over Protective Structure

ROPS
Roll Over Protective Structure

FOPS
Falling Object Protective Structure

*U55-6S is equipped with ROPS and FOPS.

Multi-function Display Panel

The user-friendly display panel offers clear visibility of key data, including time and working hours.
With easier access, simpler setting, easy-to-read indicator and alert, you're always aware of the excavator's functioning status.





Standard mode



Service interval information



Air Conditioned Cabin Model

Air Conditioner

The U55 cabin model features an air conditioner for greater climate control.
In addition, fresh outside air can be easily intaked by activating the external air vent.



Easy-open Front Slide Window

The front glass window opens with ease.
Just flip the latch on the side of the window and slide it up.





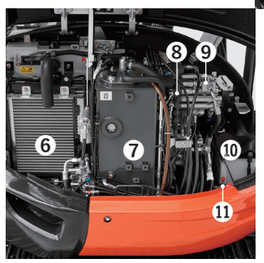
DURABILITY & MAINTENANCE

Double-opening Bonnet

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



❶ Air Cleaner
❷ Air Cleaner Indicator
❸ Water Separator
❹ Fuel Filter
❺ Alternator



❻ Oil Cooler
❼ Hydraulic Oil Tank
❽ Control Valves
❾ Third-line
❿ Battery
⓫ Operation Pattern Change Lever

Air Cleaner Indicator

Air cleaner indicator allows visual checking of filter condition. Prevents unnecessary inspection and early replacement.

Water Separator

Water separator enables quick water draining without disassembly. A red ring shows when water has accumulated.



Refueling Alarm

Buzzer alert during refueling to indicate fuel level and prevent fuel overflow. The remaining fuel level can also be confirmed by pressing the buzzer button when the engine is off.





Two-piece Dozer Hose

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

"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 life.

Tilting Oil Cooler

Tilting oil cooler opens wide in front of the radiator. Provides easy access for radiator cleaning.

