

For Earth, For Life  
Kubota



Kubota



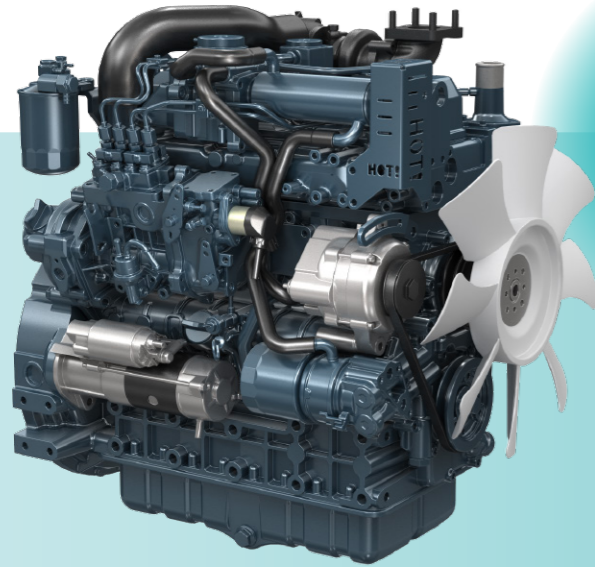
# KX080-3S

KUBOTA EXCAVATOR

# PERFORMANCE

## Clean-running Kubota Engine

A 66.6-horsepower Kubota diesel engine provides the energy behind the powerful KX080-3S working performance. The 3331 cc Turbo Direct-injection engine contributes to easy starting on those cold mornings, low sound levels, and energy-saving fuel economy.



**66.6 HP**  
(49.7kW)

## Auto-Shift

Now your excavator moves as you want—even at high speeds. When working with heavy loads, making turns or backfilling trenches, the system automatically downshifts for more torque. This shift is so smooth and seamless you will feel as though you've never left high speed.

## Auto Idling System

Save fuel with Kubota's Auto Idle. Reduce engine RPM instinctively when high engine speed is not needed. When the control levers are in neutral for more than 4 seconds, the engine RPM automatically idles. The engine RPM returns soon after the levers are moved again. This innovative feature reduces operating costs.



## 3-pump Load-Sensing Hydraulic System

Kubota's load-sensing hydraulic system guarantees smoother handling, regardless of load size. It allows hydraulic oil to flow according to your precise needs. The KX080-3S's new 3-pump load-sensing system also allows you to perform simultaneous operations, such as dozing and utilizing front attachments, without losing speed.



## Stability and Working Range

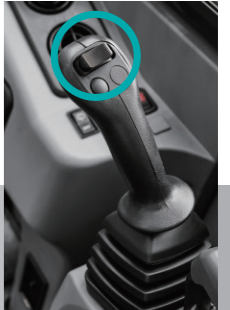
The KX080-3S design combines smooth, harmonized, hydraulic system performance with optimum balance in a tight tail swing excavator for versatile stability. Together with extended dumping height, a swing boom, large bucket capacity and deep digging depth, the KX080-3S can match or exceed the latest high-capacity dumper, tipper, and construction site requirements.

## Boom Swing

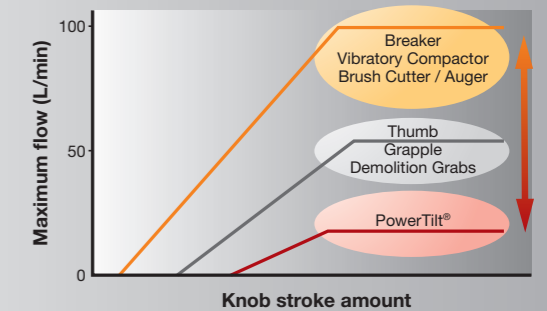
This function gives more versatility to the KX080, enabling various works without moving the machine too much, which results in lower fuel consumption.

## Adjustable Maximum Oil Flow Control for Auxiliary Port

This function lets you control the oil flow according to your needs or the attachment in use. It eliminates the hassle of using tools to change settings manually, so you don't have to leave the cabin. Adjustable oil flow enhances performance and saves fuel.



## Flow Volume Requirement



## Industrial Digging Force

You need exceptional power when trenching through compacted soil. With the KX080-3S, elevated productivity levels are certain with the combination of 6,650 kg bucket force and 3,880 kg arm forces. The KX080-3S powers through those demanding applications so that you can quickly move on to the next job.

## Tight Tail Swing

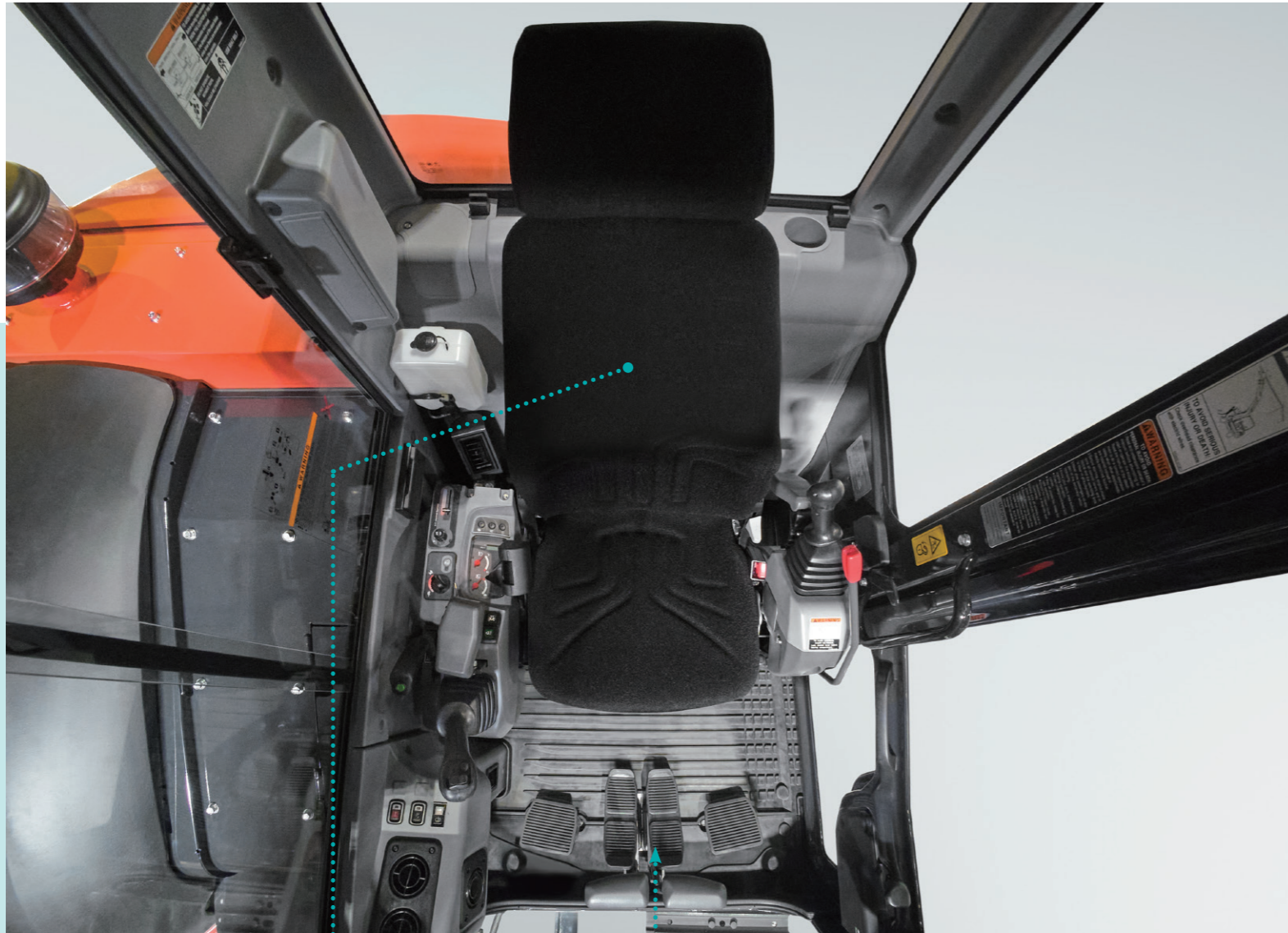
The KX080-3S is designed with a shorter rear overhang which makes the KX080-3S more stable. You can handle a wider range of loads, and can work in more restrictive spaces. Now you can focus on your work more because of the minimized rear protrusion which reduces the risk of collision and damage.

## Compact Machine Width

The KX080-3S is narrower than competitor models. Its compact 2,200 mm width makes it ideal for working in close conditions, and much easier to transport between job sites.



# COMFORT



## Deluxe Suspension Seat

Kubota's high-back suspension seat reduces strain and minimizes operator fatigue. It reclines to accommodate your individual posture, and offers weight compensation, and retractable seat belts.

## Travel Pedals

The travel pedals function enhances operational versatility, allowing operators to seamlessly maneuver the machine while performing tasks such as digging or using attachments. This feature simplifies machine handling, enabling operators to move the excavator effortlessly while engaged in work.

## Movable Console

Raise the safety control lever and the console moves with it, providing more room for entry and exit. To prevent unexpected machine movement during entry or exit, all control levers are then disabled until the console is back in place.

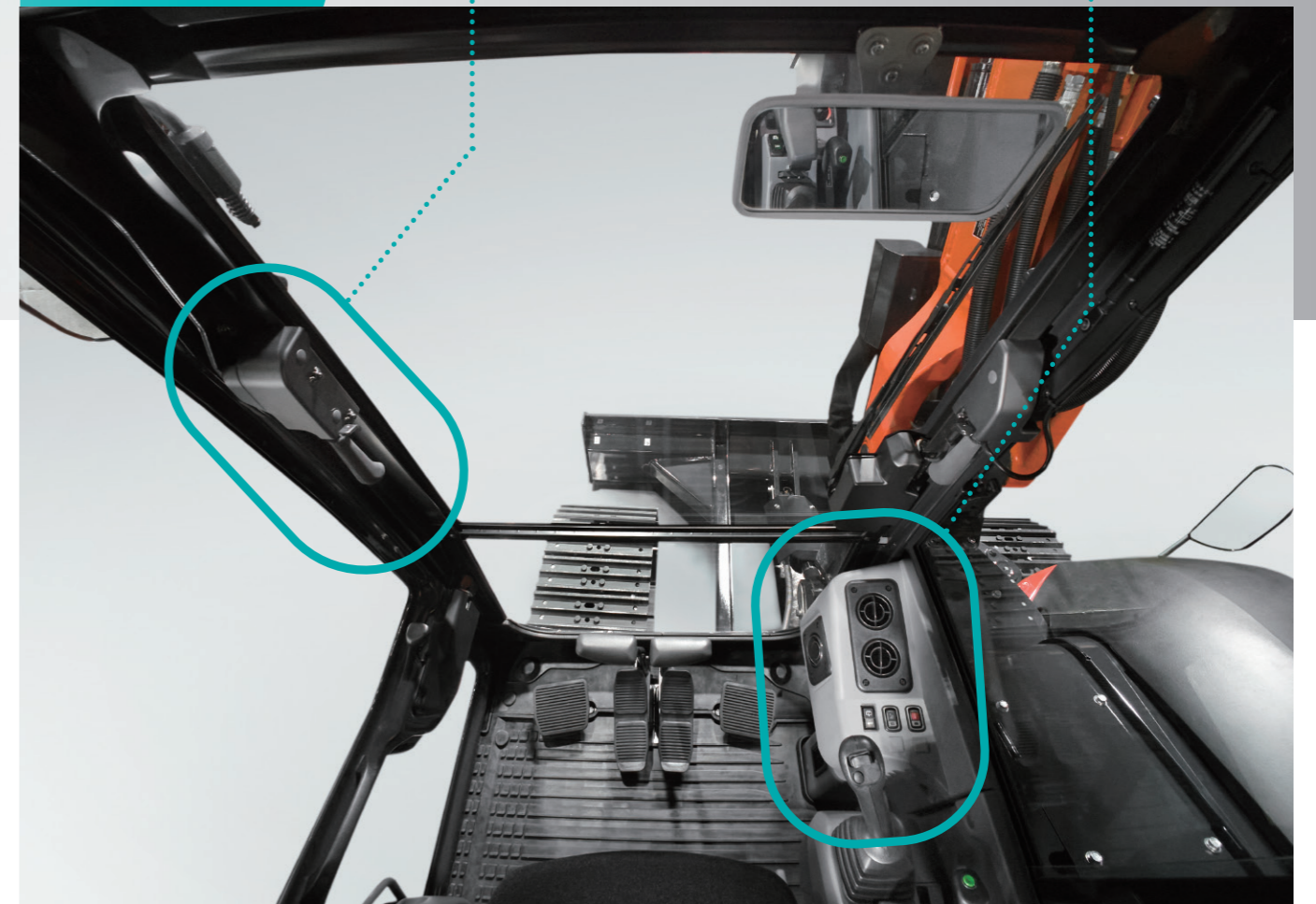
## Easy-open Front Window

Unlike many excavator windows, the front glass window of the KX080-3S opens with ease. Just flip the latch on the side of the window and slide it up. A gas-assist mechanism makes this action almost effortless.



## Air Conditioner

The KX080-3S features an air conditioner/heater for greater climate control. In addition, fresh outside air can be easily introduced by activating the external air vent.



# DURABILITY & SAFETY/ MAINTENANCE

## ROPS/FOPS Cabin

The ROPS/FOPS certified cabin provides protection in the event of accidental rollovers and falling objects.

## Overload Alarm

This alarm alerts the operator when load capacity has been exceeded, helping to prevent possible injury to workers and costly damage to the excavator and worksite.



## Underbody Cover

The underbody beneath the engine features a mesh cover to prevent gravel and soil from entering.

## Swivel Negative Brake

The swivel negative brake automatically locks the swivel function in its current position. This prevents unexpected machine movement. It's particularly useful during work or when transporting the excavator between worksites.

## 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. This design virtually eliminates the need to enter the machine for maintenance.

## Boom Anti-Drop Valve

Standard equipment on the KX080-3S, the anti-drop valve prevents an elevated load from dropping unexpectedly.



## Electric Fuel Refilling Pump

The KX080-3S's new, standard refuelling pump includes a hose long enough to refuel from a fuel tank. With this pump, the tank can be completely filled in approximately three minutes with just a simple push of a button. Upon completion, an auto-stop feature ends fuelling to eliminate spillage.



## Triple Opening Bonnet

All three of the excavator's access panels can open at once. You can easily access the hydraulic components under the center hood, or the battery, oil filter and tool box under the right hood.

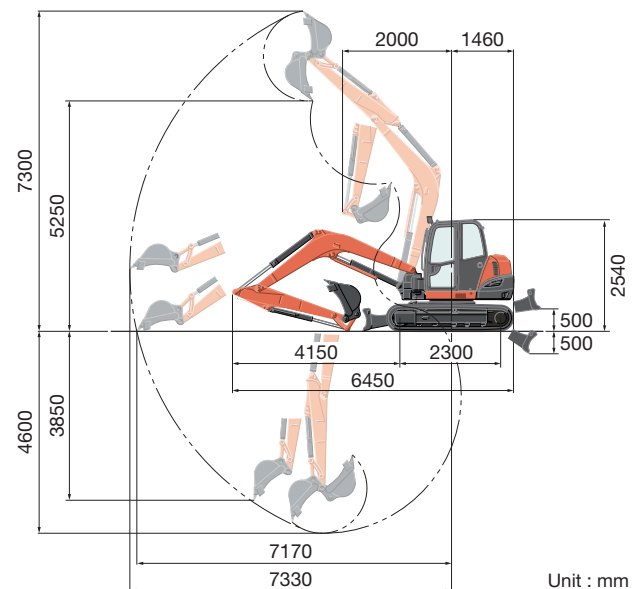
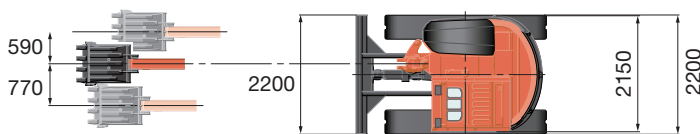


## Specification

Model		KX080-3S	
<b>Type</b>		Steel	
<b>Machine weight</b>		kg	8255
<b>Operating weight (including operator weight : 75kg)</b>		kg	8330
<b>Dimensions (In transport condition)</b>	Overall length	mm	6450
	Overall height	mm	2540
	Overall width	mm	2200
	Min. ground clearance	mm	390
<b>Engine</b>	Model	Kubota V3307 DI-T	
	Total displacement	cc	3331
	Rated output (SAE J1995 gross)	kW (HP) / rpm	49.7 kW (66.6 HP) / 2000
<b>Working range</b>	Max. digging height	mm	7300
	Max. dumping height	mm	5250
	Max. digging depth	mm	4600
	Max. vertical digging depth	mm	3850
	Max. reach radius	mm	7330
	Boom swing (left / right)	deg	70/60
	Min. turning radius (with swing)	mm	2000
	Min. tail turning radius	mm	1460
	Max. breakout force (bucket)	kN (kgf)	6650
<b>Crawler shoe width</b>		mm	450
<b>Travel section</b>	Crawler length	mm	2900
	Tumbler distance	mm	2300
	Travel speed (1st / 2nd gear)	km/h	2.7/4.9
	Max. climbing angle	deg	30
<b>Swivel speed</b>		rpm	9.5
<b>Dozer</b>	Width	mm	2200
	Height	mm	500
	Max. lift above ground/drop below ground	mm	500/500
<b>Hydraulic pump type</b>		Variable pump × 2 + gear pump × 1 + gear pump × 1	
<b>Swivel motor type</b>		Hydraulic piston motor	
<b>Travel motor type</b>		Hydraulic piston motor : 2F	
<b>Fuel tank capacity</b>		L	115

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

## Working Range of KX080-3S



Unit : mm



## Kubota Malaysia Sdn Bhd

Lot 766, Jalan Subang 4,  
off Persiaran Subang Sungai Penaga Industrial Park,  
47500 Subang Jaya  
TEL: (60)-3-7890-3533