



KX Compact Excavators
KX121-3/KX161-3



FEATURES

IMPROVED VISIBILITY

Now you see them. Now you don't. Blind spots on the KX161-3 have been virtually eliminated for a wider, clearer and safer operating view.

LARGE OPERATING SPACE WITH SUSPENSION SEAT

This roomy compact lets you work all day in comfort. It offers a more spacious and comfortable operator's space than standard tail swing machines. Plus, a full suspension seat comes standard with armrests, a high-back and adjustable height and spring firmness, to further reduce operator fatigue.

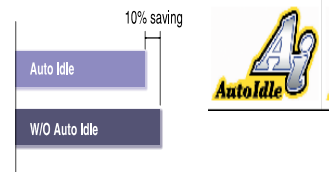


CLIMATE CONTROLLED CAB

We've added a convenient air conditioner on cabin models for increased comfort. The climate control can increase cooling or heating to keep you operating at peak performance.

AUTO IDLE SYSTEM

With the new standard auto idling system, the KX161-3 is an impressive machine even sitting still. Four seconds after the operation lever is returned to the neutral position, the engine cycle will automatically decelerate to its idling rpm. When the operation lever is moved again, the engine cycle automatically returns to its previous operating rpm. This feature improves safety, dramatically decreases operation noise and reduces fuel consumption by approximately 10%.



PROTECTED CYLINDER HOSES

Bucket cylinder hoses are plumbed inside the arm. And boom cylinder hoses are routed under the boom bottom.

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STRONGER BREAKOUT AND TRACTION FORCE

Break out of any rut with Kubota's innovative hydraulic setting. The KX161-3's bucket breakout and traction force is the strongest in its class. And its unmatched power and efficiency make it ideal for trenching and dozer work.

TWO-PIECE HOSE DESIGN

Two-piece hose connections for dozer and boom cylinder hoses allow for easy replacement and reduced downtime.



KX121-3 HYDRAULIC ANGLE BLADE

The Angle Blade requires only simple movement of the Dozer Lever not only to easily and accurately be raised or lowered, but also to adjust its angle of operation by as much as 25 degrees to either the left or the right. For backfilling operations, this outstanding feature means that the Angle Blade can be set to push excavated earth - regardless of which side of the trench it is piled upon - into the opening while the Kubota Model KX121-3 Excavator moves forward. As the need for repetitive repositioning at right angles to the trench being backfilled is eliminated, overall operational efficiency is significantly enhanced.

T.P.S.S (Two pattern selection system)

Change between backhoe and excavator operating patterns at the flick of a switch, without tools or getting out of the seat!



TIGHT REAR TAIL SWING

This is damage control at its best. For greater visibility and rear end protection, the KX161-3's cropped and contoured rear overhang is only 4.5 inches, for one of the tightest tail swings in the industry. Plus, the engine hood, is placed inside the counterweight for added interior component protection and stability. Now, work in complete confidence knowing that Kubota has done its part to keep your running and repair costs to a minimum.



FEATURES

WIDE WORKING RANGE

The KX161-3's powerful and durable long arm comes standard. Responsive digging, lifting and loading can be achieved without repositioning the machine quite as often, for increased operation efficiency.

LOAD SENSING HYDRAULIC SYSTEM

At last, a smart, no nonsense hydraulic system in a compact excavator. That's what you get from the KX161-3's load sensing hydraulic system. Kubota has applied its unique and advanced hydraulic setting to the load sensing system by eliminating unnecessary oil flow and wasted energy for smoother operation. Control valves automatically regulate and distribute the optimum amount of oil to each cylinder based on the weight of the load. Now, operators need not change lever strokes to adjust the amount of oil required for different job loads. Instead, users need only concentrate on the feather touch control levers for fluid operation regardless of the load size. As a result, ease of use as well as fuel efficiency is improved. In fact, fuel consumption on the new KX161-3 is reduced by an astounding 20%.



AUXILIARY HYDRAULICS STANDARD EQUIPMENT

Includes bi-directional auxiliary hydraulic controls. Piping routed to arm. Short hoses to the tool are less likely to catch on sharp edges.

CLEAN, EFFICIENT POWERFUL KUBOTA DIESEL ENGINE

Kubota excavators feature proven Kubota diesel engines. Performance matched to each excavator, they provide dependable power at low sound levels with the highest fuel efficiency while meeting emissions standards. In cold weather, the super glow preheat system ensures engine starts as low as -20°C in 10 seconds! Easily accessible dual element air cleaners provide extra protection in the toughest conditions. And an electric fuel pump automatically bleeds the fuel lines should the fuel run out.

ROPS/FOPS CANOPY AND CAB MODELS

Work safe and sound in either the Canopy or Cab model. Both exceed international testing standards for ROPS/FOPS and protect the operator against accidental rollovers or falling debris.



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ULTRA LOW NOISE LEVEL

Now hear this. By incorporating Kubota's unique ultra low noise level design, machine noise on the KX161-3 has been drastically reduced. Work worry free day or night, in residential areas, or near schools and hospitals. Plus, cabin area sound levels have also been kept low to help eliminate operator fatigue.

EASY MAINTENANCE

All hydraulics and control valves have been moved from below the foot panel and logically arranged on the right side of the machine's body for easier maintenance. The right side bonnet can be fully opened and detached without the use of tools. And with the wide opening hood, the engine area can be checked and serviced easily.



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