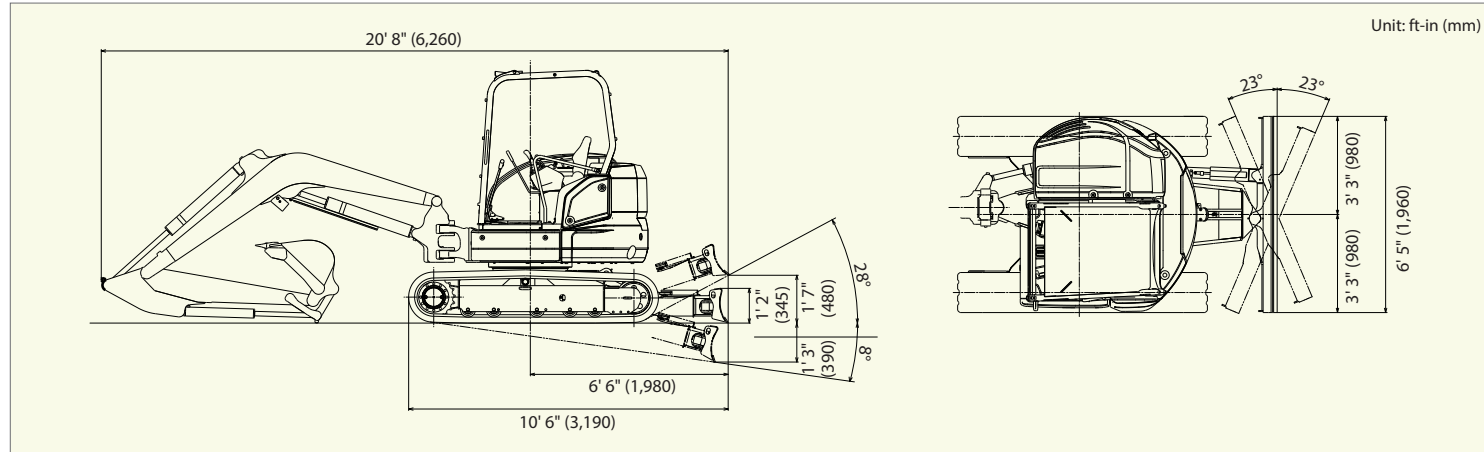


4-WAY BLADE



Note: This catalog may contain attachments and optional equipment that are not available in your area. And it may contain photographs of machines with specifications that differ from those of machines sold in your areas. Please consult your nearest KOBELCO distributor for those items you require. Due to our policy of continuous product improvements all designs and specifications are subject to change without advance notice. Copyright by KOBELCO CONSTRUCTION MACHINERY CO., LTD. No part of this catalog may be reproduced in any manner without notice.

KOBELCO CONSTRUCTION MACHINERY U.S.A. INC.

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Inquiries To:

MINI SK45SRX
 EXCAVATORS SK55SRX



**DRIVEN BY
 PASSION**

Full-Size Performance, Short-Radius Agility and Quiet Operation

COMPACT YET TOUGH MINI

Now KOBELCO has taken the next evolutionary step by packing even more digging power and practical performance features into the SK45SRX/SK55SRX while maintaining a short tail swing. The new Energy Conservation Mode saves even more fuel, and Kobelco's proprietary iNDR Cooling System ensures quiet operation, protection from dust, and easy maintenance. For greater operator comfort and safety, the rectangular cab design offers plenty of room and an unobstructed view. It all adds up to enhanced full-size performance, short-radius agility and a low-noise environment, with exceptional performance features and a full range of value-added functions.



The highly airtight engine compartment and the offset duct contribute to noise reduction. The iNDR filter fitted in front of the cooling system ensures easy cleaning. The muffler is designed to disperse and slow down the exhaust. The muffler exhaust is directed underneath for environmental protection. The SK45SRX/SK55SRX is an advanced machine which incorporates the iNDR system and eco-friendly system (iNDR+E).



iNDr Cooling System

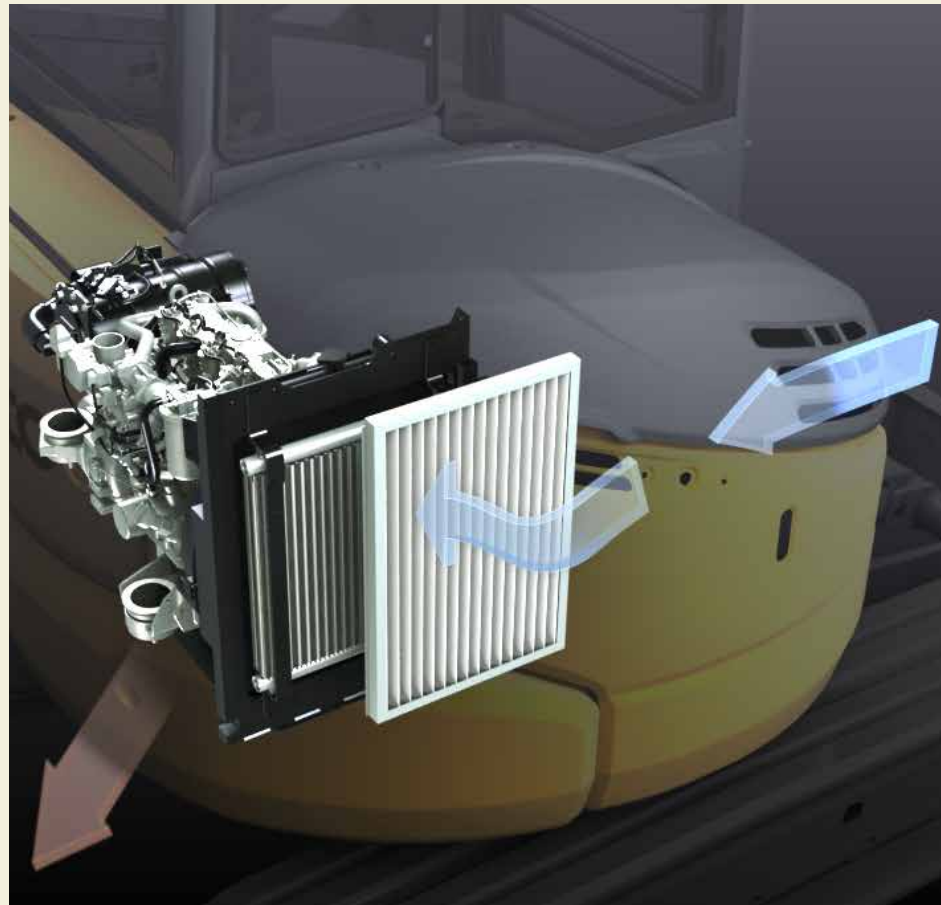
The Revolutionary Integrated Noise and Dust Reduction Cooling System



The iNDr+E system on the SK45SRX/SK55SRX features air intake at the front of the machine and air exhaust underneath. It functions in the same way as the iNDr system on the SR series machines, but also directs the muffler exhaust underneath. Small holes on the muffler disperse and slow down the exhaust. The exhaust is further slowed down and cooled through the offset duct and then discharged into the atmosphere.

iNDr Filter Blocks Out Dust

Outside air goes directly from the intake duct through the iNDr filter for dust removal, protecting vital engine coolers in adverse conditions.



Visual Checking and Easy Cleaning

Because the iNDr filter removes dust from the intake air, cooling components stay dirt-free and do not require regular cleaning. The iNDr filter itself can be easily removed and cleaned without the use of tools.



Offset duct slow down exhaust



Exhaust from the muffler and engine cooling fan.



Holes on the muffler disperse exhaust

Ultimate Low Noise

KOBELCO's exclusive iNDr Cooling System delivers amazingly quiet operation. In fact, the SK45SRX/SK55SRX is 9 dB quieter than the previous models.

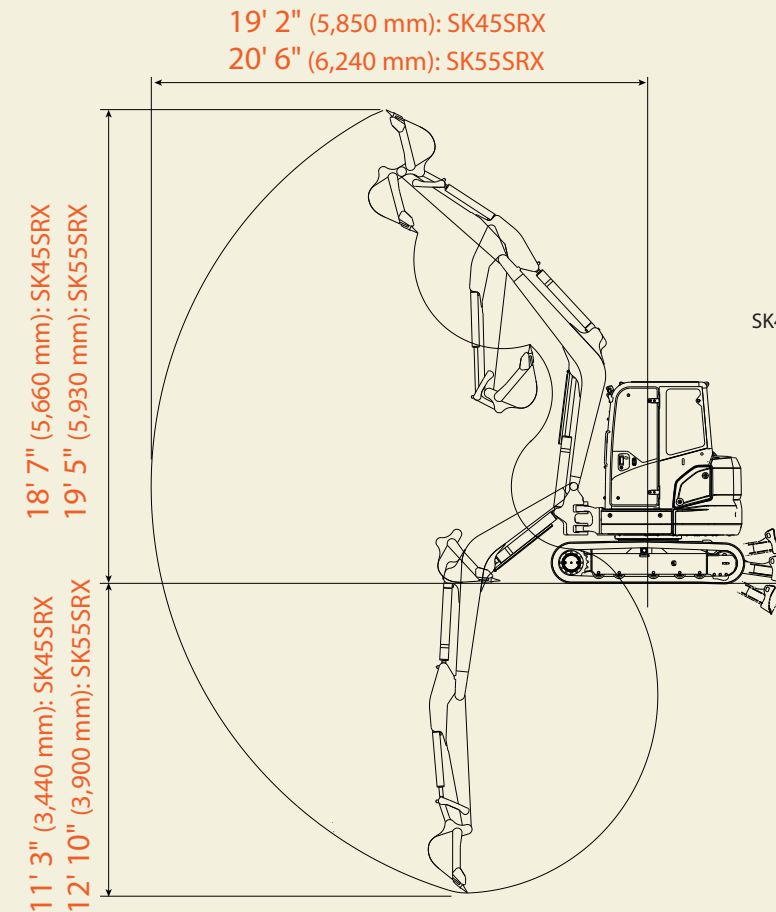


at 3'3" (1m) behind the machine and 4' 11" (1.5 m) height from ground level.

Compact, yet, Big Performance

Wide Working Range

A larger boom and arm are provided as standard equipment to ensure a wider working range.



Short Tail Swing

The compact tail swing improves operating efficiency in limited space.

Tail overhang:
7.5" (190 mm)
SK45SRX with Std. counterweight
11.4" (290 mm)
SK45SRX/SK55SRX with heavy counterweight



Energy Conservation Mode

The SK45SRX/SK55SRX adapts S mode which enables 25 percent less fuel consumption compared with the previous model.



One Touch Deceleration

The SK45SRX/SK55SRX features one-touch deceleration. It allows easy switching to an idling state, reducing the fuel consumption while the machine is at rest. Under complete control of the operator.



Easy Transportability

With an overall cab height of 8' 4" (2,530 mm), the machine is designed for easy transport.



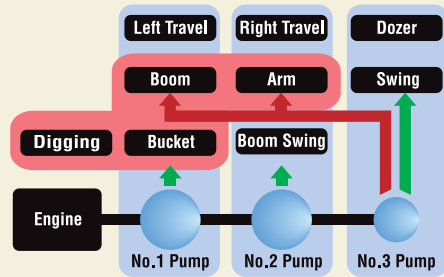
Overall height:
8'4" (2,530 mm)

Fast, Full-Powered Digging and Leveling

Powerful Digging Performance

Integrated-Flow Pump System

The instant the machine begins to dig, extra output from the third pump (which otherwise powers the swing and dozer circuit) is directed to the arm circuit and boom circuit (raise) for added power. This ensures fast and smooth arm and boom raising operation even under heavy loads.



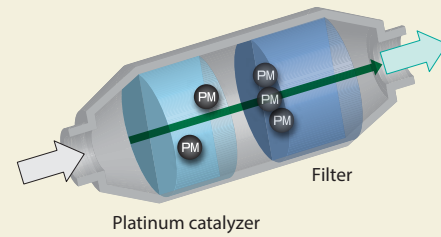
Large Capacity Engine

The large-capacity engine meets Tier IV final requirements and packs plenty of power for outstanding hydraulic performance.



Diesel Particulate Filter (DPF)

DP filter greatly reduce PM emission. Carbon builds up as soot on the diesel particulate filter and is burned off at high temperature.



More Travel Power

Large Capacity Travel Torque

The large capacity travel torque enables the machine to perform spin turn in low mode even when the dozer is pushing a heavy load.

Automatic Two-Speed Travel

An automatic shift function ensures smoother, more efficient travel on worksite.

Travel Switch

The travel lever is fitted with a button for easy switching to Hi-Mode travel.



Powerful and Efficient Dozer Performance

New Dozer-Blade Shape

KOBELCO's unique blade design solves this problem by forming the earth into an arc that always falls forward. Because this prevents earth from falling behind the blade, only "one pass" is needed.



Hydraulic Pilot-Controlled Dozer Operation Lever

The dozer lever features hydraulic pilot control for precise control.



New 4-way Blade Option

Brand new from KOBELCO is a 4-way blade option available on the SK45SRX-/SK55SRX. Built-in the same durability as the standard blade, this 4-way option provides 23 to 25 degrees of left and right angle movement for clearing, grading and back-filling. The 4-way blade gives you better control for following changing terrain and helps eliminate the windrowing effect that can occur with standard dozer blades.



Easy Daily Maintenance

Start-up checks are essential for safe and reliable machine operation. All start-up checks can be performed at ground level, with an easy-to-understand layout and cover design that simplify access and save time.

Easy Access to Engine Compartment



High-grade fuel filter



Pre fuel filter with built-in water separator



Air cleaner



Easy Access to Cooling Unit



iNDR filter



Easy Access Electrical Component Under the Seat



Hour meter



Fuel tank



Two-piece floor mats for easy washing

COMFORT

Comfortable Work Environment

Spacious Work Environment

The newly designed, rectangular cab is over 32 inches wide, with optimized control layout for comfortable, easy operation. A greater window area further improves visibility. A clear view is provided at the rear, and there's also more floor space, with a seat that slides further to ensure plenty of leg room.

Easy Access

A wide-opening door and a left-hand tilting control console with safety lever that rises higher than before, make it much easier for operators enter and exit the cab.



Plenty of Foot Room

Generous space below, eases pedal operation.

Excellent Front Visibility

Wider front window ensures an open, panoramic view.



Work Lights

Work light is mounted under the boom to protect from damage.



Skylight



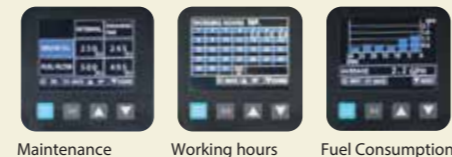
Standard Pattern Changer

Standard pattern changer allows for increased utilization and flexibility to match operator preference.



Color Liquid Crystal Monitor (Optional)

The color liquid crystal monitor is fitted as option. Operation data as well as the full range of machine-status data can readily be checked.



Control Lever

Precise proportional controls are integrated into the joystick for ease of operation.



Comfortable Operating Environment

Hammer for emergency exit



Climate control

The climate control system is located down and to the right of the seat, keeping the rear view clear.



Vents to send cooled air toward the operator if he desires.



Opening/closing front window

The front window features gas damper cylinders for smooth and easy opening



Coat hook



Room light



Two-speaker FM/AM radio with station select



Operator Safety

Reliable Cab Structure

The high-strength cab meets ROPS and FOPS standards for greater operator safety.



Exclusive, Newly Designed ROPS/FOPS Canopy

The high-strength canopy meets ROPS and FOPS standards for greater operator safety.



Reliable Construction

The boom, arm and swing bracket all have large cross-section designs for added attachment strength.

Strong boom and arm

Bolt-tightened pins firmly lock the boom and arm to prevent the boom tip from opening laterally.



Thick durable boom top

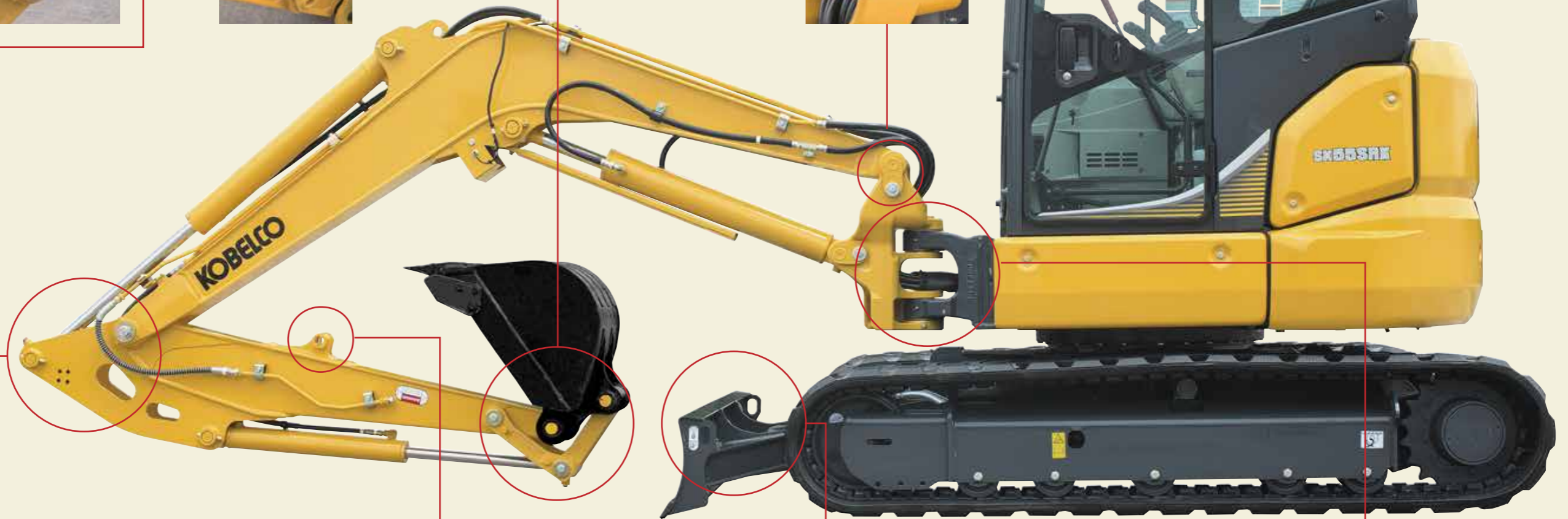


Bucket

Cast-iron idler link provide greater strength.



Plate type pin head prevents wear by rotation of the pin itself. Thick durable boom foot



Accumulator for Emergency Attachment Lowering



A newly installed accumulator allows the attachment to be safely lowered to the ground using in-cab controls in the event of an unexpected engine shut-down and class leading smooth operation.



Standard thumb mounting bracket



Dozer
Box construction dozer supports provide greater strength.

Swing bracket

Large, thick cast-iron swing bracket/front bracket.



Hydraulic piping

The hydraulic piping is housed inside the swing bracket for protection.



