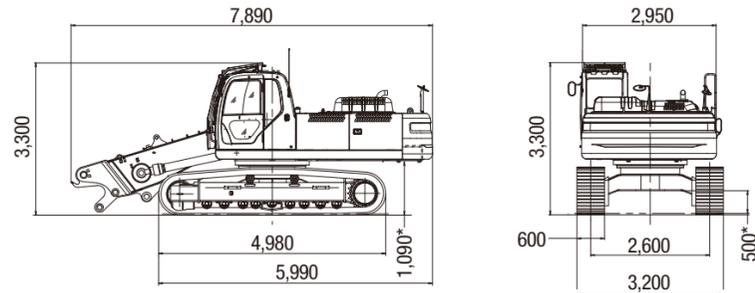


## DIMENSIONS

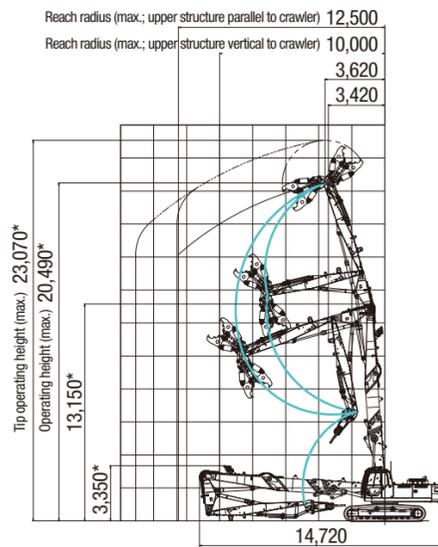
(Unit: mm) \* Excluding height of shoe lug



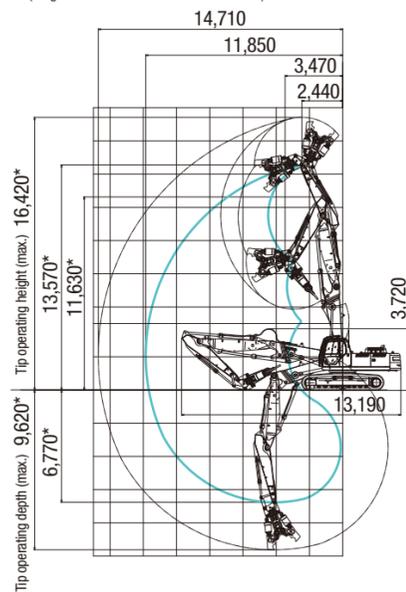
## WORKING RANGE

(Unit: mm) \* Excluding height of shoe lug

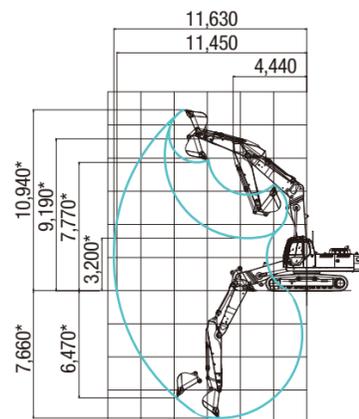
### ■ ULTRA-LONG ATTACHMENT (Diagram shows KR1100TPR attached.)



### ■ SEPARATE BOOM (Diagram shows KR1350TPR-40 attached.)



### ■ DEMOLITION BACKHOE



## MAIN SPECIFICATIONS

MODEL NAME		SK350DLC-8		
Operating weight (main unit + main boom)		32,700		
Attachment		Ultra-long attachment	Separate boom	Demolition backhoe
Attachment weight (excluding crusher)		6,800	5,500	4,500
Front attachment		KR1100T(P)R-2	KR1350T(P)R-40	1.4 m <sup>3</sup> HD bucket
Operating weight		42,100	42,000	38,500
Max. crusher weight		2,600	4,000	—
Crawler width		3,200		
Swing speed		5.5		
Travel speed		10.0		
Travel speed		5.6/3.3		
Gradeability		70(35)		
Ground pressure		79(0.80)	78(0.80)	72(0.73)
Engine		HINO J08E-TM		
Model		197(265)/2,100		
Rated power output		197(265)/2,100		
Fuel tank		580		
Hydraulic pump set pressure		31.4(320)		
Hydraulic capacity		System 377 / Tank level 280		

The machinery complies with the International System of Units (SI). Operating weight includes crusher (auto rotating NIBBLER) or bucket.

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.

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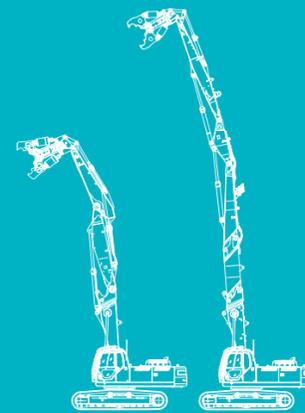
SK350DLC-8-LMN-EN-101-140901 AF

# KOBELCO

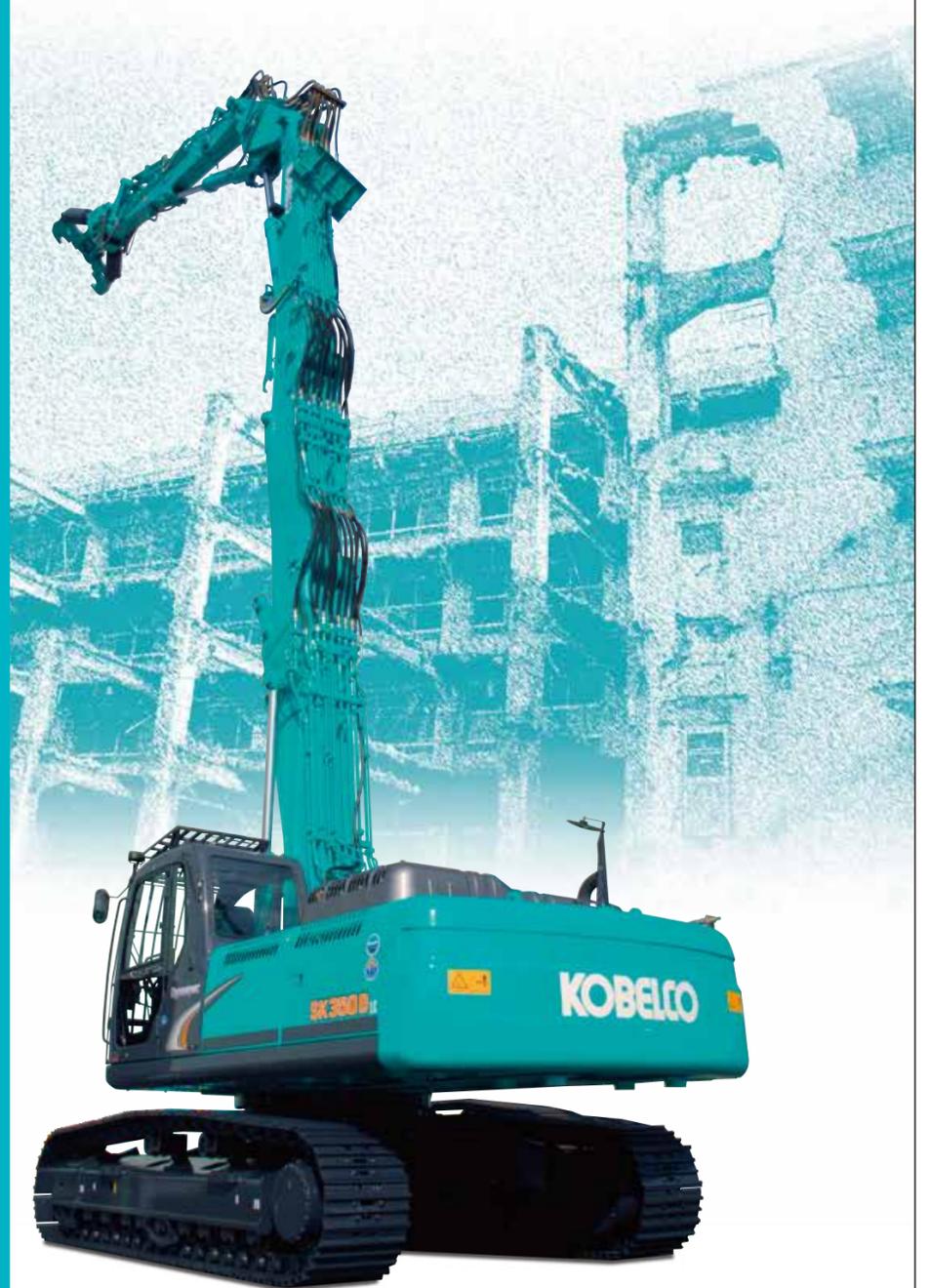
**We Save You Fuel**  
Achieving a Low-Carbon Society

# SK350DLC

DEMOLITION MACHINE WITH COMMON-USE TYPE MAIN BOOM



SK350DLC with separate boom KR1350TPR-40  
SK350DLC with ultra-long attachment KR1100TPR



# FLEXIBLY DEDICATED. THE MACHINE THAT WORKS YOUR WAY.

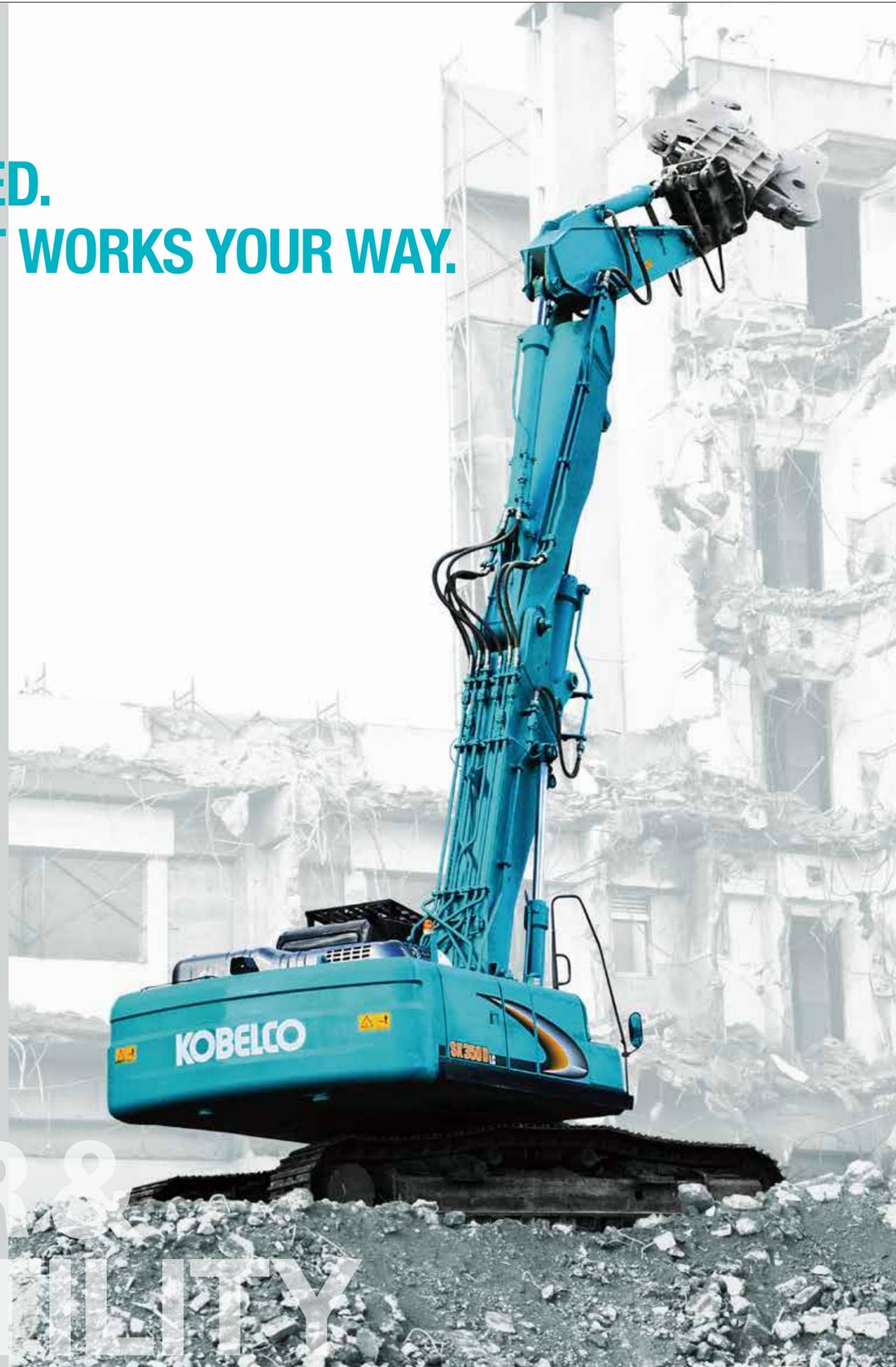
## MAIN BOOM EASILY ACCEPTS A VARIETY OF ATTACHMENTS. KOBELCO SK350DLC — ONE MACHINE, NUMEROUS APPLICATIONS.

Single-function demolition machines are undeniably effective for performing their assigned tasks. In order to maximize efficiency, however, downtime must be minimized. Therefore, despite the fact they excel at quickly finishing work, they cannot be pressed into other duty once their tasks are accomplished. The result? Idle machinery at busy sites.

KOBELCO solves this problem with SK350DLC, a revolutionary building-demolition machine featuring a main boom that accepts a variety of attachments. SK350DLC delivers the speed and efficiency of single-function machines, while offering unprecedented versatility to perform multiple jobs via three optional attachments: an ultra-long attachment, separate boom and demolition backhoe. Put SK350DLC to work on your site and quickly demolish entire buildings, from rooftops to foundations with just one machine.

KOBELCO SK350DLC. Multi-function demolition flexibility with single-function performance.

Photos show equipment built to Japanese specifications. Equipment varies by region.



# POWER & VERSATILITY

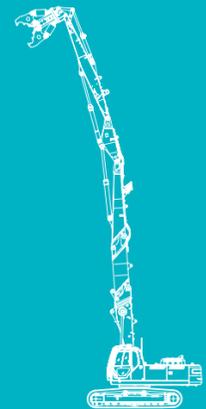
## THREE ATTACHMENTS FOR EFFICIENTLY HANDLING A MULTITUDE OF TASKS.

### ULTRA-LONG ATTACHMENT

Strong, three-piece attachment for demolishing structures as high as 20 m. For added versatility, the attachment can be shortened by removing the insert boom.

#### MAXIMUM WORKING HEIGHT

- Blade tip: 23.07 m
- Arm top pin: 20.49 m



### SEPARATE BOOM

Sturdy boom for a variety of operations, including demolishing mid-rise buildings all the way down to their foundations. A large crusher can be attached for powerful and speedy demolition.



### DEMOLITION BACKHOE

Attachment for cleaning up after demolition operations, including collecting debris and loading it onto a hauling truck.

Note: Designed for light duty; limited capability compared to standard backhoe.

- Bucket capacity: 1.4 m<sup>3</sup>



## SK350D<sub>LC</sub>

## STRONG, RELIABLE AND HIGHLY EFFICIENT. IMPROVED ECO-FRIENDLY PERFORMANCE.



### EXCELLENT COST-EFFECTIVENESS

SK350DLC is equipped with a powerful, high-combustion efficiency engine and new hydraulic system, both of which help conserve energy. Large workload capacity and low-fuel consumption make for excellent productivity.

- Equipped with a highly efficient, electronically controlled common-rail engine.
- Employs a hydraulic pressure system to reduce pressure loss.

### DEDICATED HYDRAULIC MODES

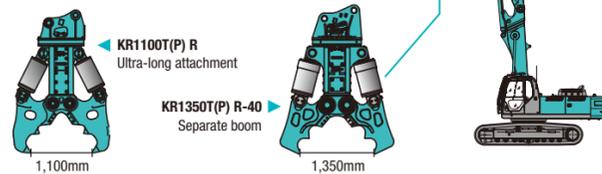
Three hydraulic pressure modes can be selected to accommodate bucket, NIBBLER and breaker operations. Modes can be changed easily via a convenient switch, which automatically configures valves when operated.



Note: When using the ultra-long attachment, the hydraulic setting is fixed to NIBBLER mode and cannot be changed.

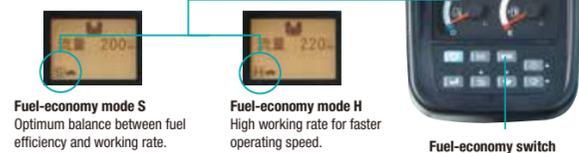
### LARGE NIBBLER WITH EXCEPTIONAL CUTTING FORCE

The separate boom is equipped with a large NIBBLER featuring a maximum opening of 1.35 m and cutting force of 123 tons at the tip. This makes it fast and easy to demolish lower stories and foundations. The ultra-long attachment also has a NIBBLER with a maximum opening of 1.1 m, enabling powerful operation at greater heights.



### SELECTABLE FUEL MODES SAVE ENERGY

All attachments now come with a fuel-economy mode to reduce fuel consumption.



### ENHANCED STABILITY FOR STEADY OPERATION

Attachments are made to be as light as possible while maintaining strength. In addition, a heavier counterweight ensures stability.



## STRUCTURE AND FUNCTIONS DESIGNED FOR MAXIMUM SAFETY.



### SASHLESS DS CAB WINDOWS

SK350DLC is equipped with sashless windows, providing unobstructed views out the front and top. A three-sided guard — attached to the front, top and bottom — can be easily opened without tools for cleaning.



Windshield wiper motor positioned for ample foot room and a clear view.



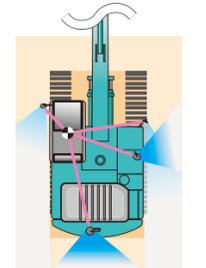
View outside the top of cab.



Easy-open grill releases with one-touch, without the need for additional tools.

### FEATURES FOR OPTIMIZING OPERATOR SAFETY

- Sideview mirrors (right, left and lower right) and rearview mirror provide a field of view that meets ISO safety standards.
- Boom-holding valves enhance safety.
- Loudspeaker allows operator to confirm safe operation.
- Travel alarm alerts people nearby (optional).
- Rearview camera ensures rear visibility (optional).

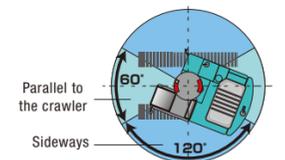


### TIPOVER WARNING WITH ALARM FOR ULTRA-LONG ATTACHMENT

An alarm sounds to warn of a possible tipover if the ultra-long attachment leaves the safe zone. The device calculates stability from the position of the attachment: If in the caution zone, the alert sounds intermittently. If in the hazardous zone, the alert sounds continuously.



- Area of the safe, caution and hazardous zones vary depending on the machine's swing angle. The reach radius is greater when the upper structure is parallel to the crawler.



## EXCEPTIONAL DURABILITY TO HANDLE HUGE WORKLOADS.

### RELIABILITY

#### TOUGH AND RELIABLE REINFORCED ATTACHMENTS

##### ULTRA-LONG ATTACHMENT

- Heavy, reinforced bucket cylinder with protectors.
- Stroke-end control system protects bucket cylinder.
- Solid, reinforced bucket link.
- Hose clamp holds tubing together and prevents damage.



#### UNDERCOVERS FOR PROTECTION FROM DEBRIS

Iron covers — at the bottom of the frame on both upper and lower structures — protect devices and tubing from debris and broken steel.



#### DUAL ANTI-SHUTDOWN SYSTEMS

- Emergency-acceleration system prevents controller malfunction.
- Overheating-prevention system.

#### DUST PROTECTION FOR MAINTAINING PERFORMANCE

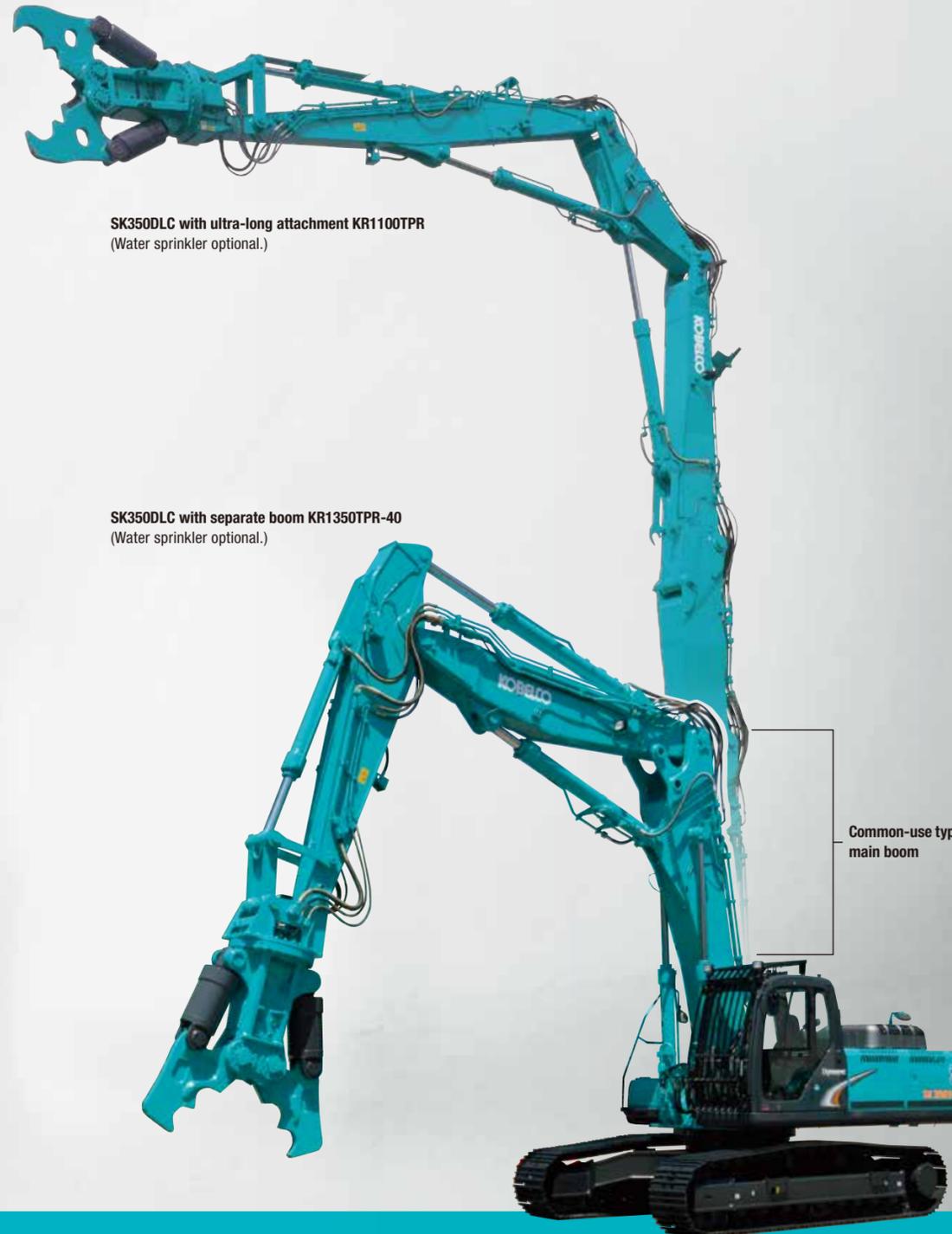
- High-grade, main fuel filter with ultra-fine, two-micron mesh removes 95% of dust.
- Insect screen prevents clogging of the cooling unit (oil cooler, radiator and intercooler).
- Double-element air cleaner also included.



#### OPTIONAL WATER SPRINKLER

Pressure-proof water hose can be attached from the rear of the main unit to the tip of the arm.

- Switch for controlling the sprinkler is located inside the cab.



SK350DLC with ultra-long attachment KR1100TPR (Water sprinkler optional.)

SK350DLC with separate boom KR1350TPR-40 (Water sprinkler optional.)

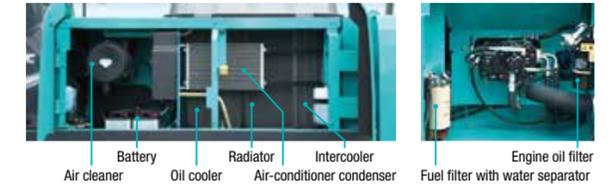
Common-use type main boom

## MAINTENANCE TASKS PERFORMED QUICKLY AND EFFICIENTLY.

### EASY MAINTENANCE

#### COMFORTABLE ACCESS

Inspection and maintenance of the air cleaner, battery, cooling unit, engine oil filter and fuel filter can be done comfortably from the ground.

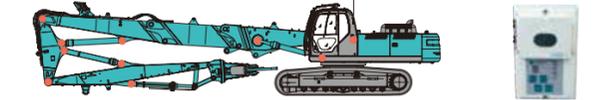


#### LESS MAINTENANCE FOR REDUCED OPERATING COSTS

- Long-life hydraulic oil with 600-hour replacement cycle.
- Super-fine filter with 250-hour replacement cycle (hydraulic oil filter).

#### SELF-LUBRICATING SYSTEM FOR ENHANCED SAFETY

All attachment pins (excluding pins around arm top) are automatically lubricated at user-specified intervals.



#### 'GEOSCAN' OPERATING MANAGEMENT SYSTEM INCLUDED

This intelligent system allows the machine to be monitored off-site, providing data such as self-diagnosis results, geolocation, operating status and maintenance information. GEOSCAN enhances work efficiency by improving operation ratios, ensuring proper maintenance, performing on-the-fly service and enhancing security.

### ECO FRIENDLY



#### IDLE STOP FUNCTION

This saves energy by cutting excess fuel consumption when the machine isn't operating. It also helps reduce CO<sub>2</sub> and exhaust emissions.

#### PRIMARY EQUIPMENT



#### PRIMARY EQUIPMENT

MODEL	SK350DLC	MODEL	SK350DLC
CAB		WEIGHT	
DS Cab (Demolition cab + fixed sashless windows)	○	Additional weight (1,600 kg)	○
UNDERBODY		OTHERS	
600 mm shoe	○	Rotating and N&B piping	○
Additional track guides (two for each side)	○	Cab lights	○
ATTACHMENT		Loudspeaker	○
Ultra-long attachment	△	Revolving yellow warning light	○
Separate boom	△	Travel alarm	○
Demolition backhoe	△	Rearview camera, color monitor	△
1.4 (1.2) m <sup>3</sup> HD bucket	△	Lower toolbox	△
		Water sprinkler	△
		○ Standard △ Optional	

#### NIBBLER SPECIFICATIONS

TARGET	REINFORCED CONCRETE BUILDINGS		STEEL FRAME BUILDINGS
Model	KR1100T(P)R-2	KR1350T(P)R-40	KS700(P)R-2
Mass	2,520(2,580)	3,720(3,750)	2,450(2,550)
Overall length/Blade opening width	2,545/1,100	2,720/1,350	2,540(2,520)/690
Cutter blade length	200	200	550
Crushing force (tip/center)	940/1,520 [96/155]	1,210/1,770 [123/181]	883/1,912 [90/195]
Hydraulic pressure	31.4 [320]	31.4 [320]	29.4 [300]

#### STANDARD EQUIPMENT

- Tipover warning device
- Undercover for lower structure (t9 mm)
- Undercover for upper structure (reinforced; t6mm)
- Insect screen for cooling unit
- Insect screen for air condenser
- Double-element air cleaner
- Engine oil pan drain cock
- Boom-holding valve
- Slow-return check valve
- Self-lubricating system
- Front working lights (cab: 2, attachment: 1, upper structure: 1)
- Defroster
- Suspension seat
- Retractable seat belt
- Luggage tray
- Large cup holder
- Emergency escape hammer
- AM/FM radio with stereo speakers
- Detachable two-piece floor mat
- GEOSCAN machine management system
- Integrated left-right, slide-type control box
- Anti-theft key
- Room light
- Intermittent windshield wipers
- Automatic air conditioner (switchable between inner circulation/external air intake)