

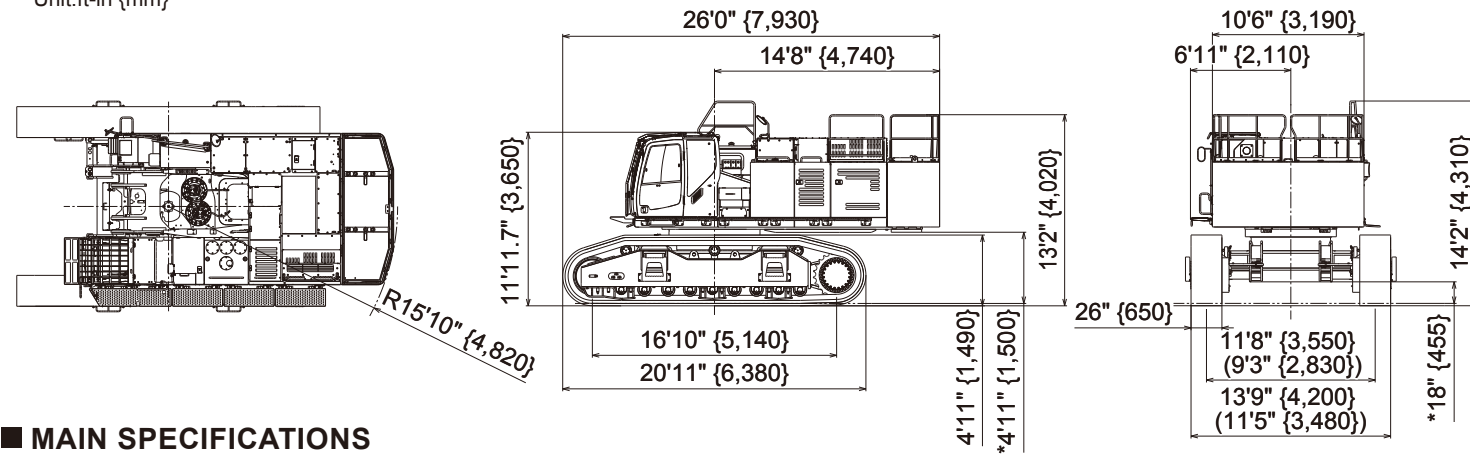
220,000-lbs {100-ton} Class Large Building Demolition Machine **SK1000D_{LC}**

KOBELCO

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PASSION**

■ GENERAL DIMENSIONS

Unit:ft-in {mm} Values in () are values when the hydraulic extendable/retractable crawler mechanism is retracted to the minimum. A value with * mark does not include a height of shoe lug.



■ MAIN SPECIFICATIONS

Model name	Ultra large building demolition machine SK1000DLC									
Model	SK1000DLC-9									
Attachment		Ultra long attachment GD specification		Ultra long attachment HD specification		Separate boom				
		With 9'2" {2.8m} insert boom	Without insert boom	With 16'5" {5.0m} insert boom	Without insert boom	With 18'8" {5.7m} insert boom				
Max. operation height (arm top)	ft-in {mm}	123'11.8" {37,790}	114'10" {34,990}	98'9" {30,110}	98'9" {25,110}	80'7" {24,550}	61'11" {18,860}			
Max. operation reach	ft-in {mm}	65'7" {20,000}	72'2" {22,000}	52'6" {16,000}	52'6" {15,000}	39'3" {11,970}	42'8" {13,000}			
Max. nibbler (crusher) weight	lbs {kg}	5,700 {2,600}	5,700 {2,600}	11,500 {5,200}	11,500 {5,200}	13,700 {6,200}	21,600 {9,800}			
Operating weight	lbs {kg}	245,000 {111,100}	236,000 {106,900}	250,000 {113,400}	256,000 {116,100}	259,000 {117,300}	247,000 {112,000}	252,000 {114,100}		
	Applicable Nibbler	KR1100TPR-2 (5,700lbs {2,580kg})	KR1100TPR-2 (5,700lbs {2,580kg})	KR1500TPR-50 (11,500lbs {5,200kg})	KR1500TPR-50 (11,500lbs {5,200kg})	KR1400TPR (13,700lbs {6,200kg})	KR1500TPR (17,000lbs {7,700kg})	KR2150TPR (21,600lbs {9,800kg})		
Ground pressure	psi {kPa}	22 {150}	21 {145}	22 {154}	21 {144}	23 {159}	22 {152}	22 {155}		
Swing speed	rpm {min ⁻¹ }	8.4 {8.4}								
Travel speed	mph {km/h}	LOW (1st) speed 1.7 {2.7} / HIGH (2nd) speed 2.6 {4.2}								
Gradeability		18% (10 degrees)								
Engine	Model	HINO E13C-VV								
	Type	Diesel engine with turbocharger and intercooler								
	Displacement	cu-in {ml}	788 {12,913}							
	Rated power output	HP{kW}/rpm	509 {380} / 1,800							
Fuel tank	U.S.gal {L}	258.9 {960}								
Relief valve setting	psi {MPa}	4,785 {33.0}								
Hydraulic oil tank (hydraulic system/tank oil level)	U.S.gal {L}	261.6 {990} / 137.9 {522}								

The International System of Units, SI is used as units and values in { } are values in conventional units.

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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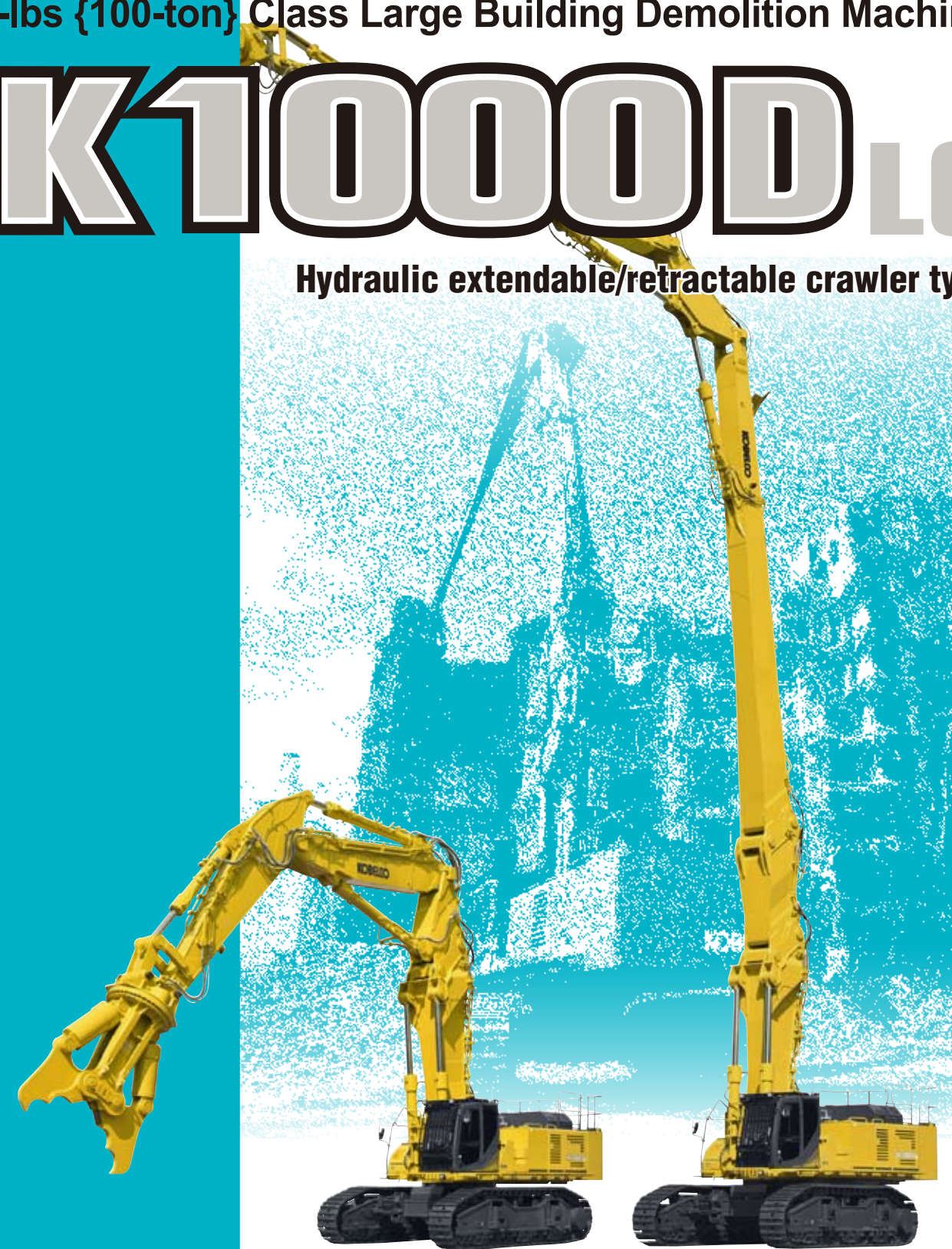
Bulletin No. SK1000DLC-NA-101

201401E Printed in USA

220,000-lbs {100-ton} Class Large Building Demolition Machine

SK1000D_{LC}

Hydraulic extendable/retractable crawler type



Complies with the latest exhaust emission regulations



An Impressive Figure

This 220,000-lbs {100-ton} class large building demolition machine excels in both reach and performance –
The new SK1000DLC.

Four different attachments you can select based on the job

From the GD ultra long attachment with a maximum work height of about 130 feet {40 m}, to the powerful sparate boom attachment which can crush high-strength reinforced concrete for foundation demolition, we have an extensive variety of attachments.



(Picture: SK950LCD)



(Picture: SK950LCD)

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A powerful Nibbler effective at foundation demolition - Separate Boom Attachment

Characterized by broad work range, excellent workability in confined spaces, and huge lifting power near the ground.

- Applicable Nibbler : KR2150TPR (Opening width : 7'1" {2,150 mm} / Weight : 21,600 lbs {9,800 kg})
- Maximum work height : Nibbler blade : 37'11.5" {11.57 m}, Arm top pin : 27'7" {8.41 m}
- Applicable Nibbler : KR1500TPR (Opening width : 4'11" {1,500 mm} / Weight : 17,000 lbs {7,700 kg})
- Maximum work height : Nibbler blade : 74'0" {22.56 m}, Arm top pin : 61'11" {18.86 m}

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If you need crushing force on another class in elevated demolition - HD Ultra Long Attachment

Use this powerful 11,000-lbs {5-ton} class Nibbler for demolition 100 feet {30 m} above the ground

- Applicable Nibbler : KR1500TPR-50 (Opening width : 4'11" {1,500 mm} / Weight : 11,500 lbs {5,200 kg})
- Maximum work height : Nibbler blade : 109'1" {33.25 m}, Arm top pin : 98'9" {30.11 m}

3

Emphasize crushing force while still meeting height requirements

- Separate + Insert Boom Attachment

Achieve demolition in high locations over 65 feet {20 m} with a large Nibbler with 331,000 lbs {150 ton} tons of tip crushing force

- Applicable Nibbler : KR1400TPR (Opening width : 4'7" {1,400 mm} / Weight : 13,700 lbs {6,200 kg})
- Maximum work height : Nibbler blade : 91'11.5" {28.03 m}, Arm top pin : 80'7" {24.55 m}

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For jobs that require work height more than anything

- GD Ultra Long Attachment

The blade reaches up to 130 feet {40 m} with a 5,500-lbs {2.5-ton} class Nibbler

- Applicable Nibbler : KR1100TPR (Opening width : 3'7" {1,100 mm} / Weight : 5,700 lbs {2,580 kg})
- Maximum work height : Nibbler blade : 132'6" {40.38 m}, Arm top pin : 123'11.8" {37.79 m}

Multi-purpose main boom can change attachments



Internal hydraulic removal pin

Uses a separated boom attachment. Commonality with the base machine and the main boom allows you to change the attachment based on work conditions or remove and install the insert boom, increasing working rate. An internal hydraulic removal pin is used in the main boom tip, and the hydraulic piping employs quick couplers, allowing for smooth, safe connections.

Neat assembly and disassembly and a shipping setting

We've prepared an optional removable trans-lifter for safely attaching/removing the crawler and loading the base machine onto a trailer. The counterweight also uses a separate, stacking type that is convenient for shipping and easy to remove. The hydraulic extendable / retractable crawler mechanism allows for smooth change of the machine's width.



Removable trans-lifter



Stacking-type counterweight

Equip a large Nibbler (crusher) to increase productivity



KR2150TPR

We've prepared highly-reliable Kobelco Nibblers that are optimal for each attachment. You can equip up to a 22,000-lbs {10-ton} class large Nibbler on the separate boom attachment and a 11,000-lbs {5-ton} class one on the HD ultra long attachment. Become more productive through effective crushing using this powerful crushing force and large opening width.

Allows for priority on fuel efficiency



New color multi-display

Choose from 3 work modes. In addition to H Mode, which prioritizes work amount, and S Mode, which balances work amount with fuel efficiency, we added a new setting – ECO Mode, which allows for operation that reduces fuel costs. The fuel gauge is lit up green during fuel-efficient operation.

Always maintains optimal heat balance

Uses an auto-cool fan, which controls the fan speed based on changes in the engine coolant temperature, thus helping prevent overheating.

Installed a new, more comfortable DS cab

Based on a cab with four reinforced support pillars, we installed a DS cab equipped with a 3-sided guard, sashless structure, and head guard compliant with FOPS (falling objects protective structure) level 1. Compared to conventional types, we expanded space 4% and achieved a wider visibility by widening the front window 3.2 inches {80 mm}. Also, using the high-suspension mount, we greatly reduced vibrations.



High-suspension mount



Tilting cab to reduce fatigue during demolition in high places (optional)