

STANDARD EQUIPMENT

ENGINE

- Engine, (SUZU AL4LE2X engine with turbocharger and intercooler, Tier 4 Final certified)
- Automatic engine deceleration
- Batteries (2 x 12V - 64 Ah)
- Starting motor (24V - 3.2 kW), 50 A alternator
- Automatic engine shut-down for low engine oil pressure
- Double element air cleaner

CONTROL

- Working mode selector (H-mode, S-mode and ECO-mode)

SWING SYSTEM & TRAVEL SYSTEM

- Swing rebound prevention system
- Two-speed travel with automatic down shift
- Sealed & lubricated track links
- 23.6" (600mm) track shoes
- Grease-type track adjusters
- Automatic swing brake
- Dozer blade

MIRRORS & LIGHTS

- Four rear view mirrors
- Two front working lights (boom, guard)
- Swing flasher

OPTIONAL EQUIPMENT

- Boom & arm load (lock) holding valve
- Front-guard protective structure (may interfere with bucket action)
- Additional hydraulic circuit (+300 kg)
- Additional counterweight (+300 kg)
- Add-on type counterweight (+400 kg)

- Cab additional light
- Additional center track guide
- Rain visor (may interfere with bucket action)
- Belly pan guard
- N&B piping, N&B selector

Note: This catalog may contain attachments and optional equipment that are not available in your area. It may also contain photographs of machines with specifications that differ from those of machines sold in your area. 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. SK75SRNA-201

2013080000EF Printed in USA

KOBELCO

Hydraulic Excavators

SK75SR

■ Bucket Capacity :
0.29 cu.yd. (0.22 m³) SAE heaped

■ Engine Power :
55.0 hp (41kW) / 2,000 rpm
(SAE NET)

■ Operating Weight :
17,100 lb (7,760 kg)



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Complies with the latest exhaust emission regulations



DRIVEN BY
PASSION



Specifications

Engine

Model	ISUZU AU-4LE2X
	Direct injection, water-cooled, 4-cycle diesel engine With turbocharger, intercooler
Type	US EPA Tier IV Final and action regulation etc. of emission from non-road special motor vehicles (Japan))
No. of cylinders:	4
Bore and stroke:	3.35" (85 mm) × 3.78" (96 mm)
Displacement:	133 cu.in. (2,179 L)
Rated power output:	55.0hp (41 kW) / 2,000rpm (SAE NET)
Max. torque:	148 lb-ft (210 N·m) / 1,800rpm (SAE NET)

Hydraulic System

Pump	Two variable displacement pumps
Type:	2 × 17.5 U.S.gph (2 × 66 L/min) , 1 × 12.2 U.S.gph (1 × 46 L/min)
Max. discharge flow:	
Relief valve setting	
Boom, arm and bucket:	4,260 psi (29.4 MPa)
Dozer cylinder:	4,260 psi (29.4 MPa)
Digger circuit:	2,610 psi (18.0 MPa)
Swing circuit:	3,550 psi (24.5 MPa)
Control circuit:	730 psi (5.0 MPa)
Pilot control pump:	Gear type
Main control valves:	12-spool
Oil cooler:	Air cooled type

Swing System

Swing motor:	Axial piston motor
Parking brake:	Oil disc brake, hydraulic operated automatically
Swing speed:	11.5 rpm
Swing torque:	12,500 lb-ft (17 kN·m) (SAE)
Tail swing radius:	43" (1,290 mm)
Min. front swing radius:	6'11" (2,110 mm)

Attachments

Backhoe bucket and arm combination

Use	Backhoe bucket				
	Normal digging	Normal digging	Normal digging	Normal digging	Normal digging
Bucket capacity	SAE heaped 33 cu.yd (2,540 m³)	SAE heaped 33 cu.yd (2,540 m³)	SAE heaped 33 cu.yd (2,540 m³)	SAE heaped 33 cu.yd (2,540 m³)	SAE heaped 33 cu.yd (2,540 m³)
Opening width	Without side cutter 16 (400)	Without side cutter 16 (400)	Without side cutter 16 (400)	Without side cutter 16 (400)	Without side cutter 16 (400)
No. of bucket teeth	3	3	3	3	3
Bucket weight	330 (150)	330 (150)	330 (150)	330 (150)	330 (150)
Combinations	57" (1.71 m) arm 7'0" (2.13 m) arm	57" (1.71 m) arm 7'0" (2.13 m) arm	57" (1.71 m) arm 7'0" (2.13 m) arm	57" (1.71 m) arm 7'0" (2.13 m) arm	57" (1.71 m) arm 7'0" (2.13 m) arm

○ Standard ○ Recommended △ Loading only

Travel System

Travel motors:	2 × axial piston, two-speed motors
Parking brakes:	Oil disc brake per motor
Travel shoes:	39 each side
Travel speed:	3.3 / 1.6 mph (5.3 / 2.6 km/h)
Drawbar pulling force:	17,300 lbs (76.8 kN) (SAE J 1309)
Gradeability:	70 % (35°)

Cab & Control

Cab	All-weather, sound-suppressed steel cab mounted on the silicon-sealed viscous mounts and equipped with a heavy, insulated floor mat.
Control	Two hand levers and two foot pedals for travel Two hand levers for excavating and swing Electric rotary-type engine throttle

Boom, Arm & Bucket

Boom cylinder:	4.33" (110 mm) × 3'0" (916 mm)
Arm cylinder:	3.74" (95 mm) × 2'8" (833 mm)
Bucket cylinder:	3.15" (80 mm) × 2'5" (735 mm)

Dozer Blade

Dozer cylinder:	5.31" (135 mm) × 5.08" (129 mm)
Dimension:	81" (2,470 mm) × 16" (455 mm)
Working range:	12" (360 mm) (up) × 10.0" (250 mm) (down)

Refilling Capacities & Lubrications

Fuel tank:	31.7 U.S.gal (120 L)
Cooling system:	2.25 U.S.gal (8.5 L)
Engine oil:	2.9 U.S.gal (11 L)
Travel reduction gear:	2 × 0.36 U.S.gal (2 × 1.35 L)
Swing reduction gear:	0.4 U.S.gal (1.5 L)
Hydraulic oil tank:	9.5 U.S.gal (36 L) tank oil level 22.5 U.S.gal (85 L) hydraulic system

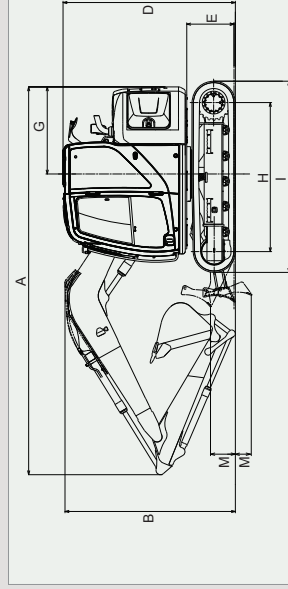
Working Ranges

Range	Boom	Arm	Unit: ft-in (m)
a- Max. digging reach	12'6" (3.82 m)	57" (1.71 m)	7'0" (2.13 m)
b- Max. digging reach at ground level	21'3" (6.48)	20'10" (6.35)	227" (6.88)
c- Max. digging depth	20'10" (6.35)	13'8" (4.16)	222" (6.76)
d- Max. digging height	13'8" (4.16)	24'4" (7.41)	150" (4.58)
e- Max. dumping clearance	24'4" (7.41)	17'6" (5.34)	255" (7.75)
f- Min. dumping clearance	17'6" (5.34)	8'1" (2.46)	187" (5.67)
g- Max. vertical wall digging depth	8'1" (2.46)	12'8" (3.87)	72" (2.19)
h- Min. swing radius	12'8" (3.87)	57" (1.71)	143" (4.34)
i- Horizontal digging stroke at ground level	57" (1.71)	9'3" (2.83)	611" (2.11)
j- Digging depth for 8 feet flat bottom	9'3" (2.83)	12'7" (2.38)	106" (3.21)
Bucket capacity SAE heaped cu.yd (m³)	12'7" (2.38)	0.37 (0.28)	142" (4.31)
Digging Force	0.37 (0.28)		0.29 (0.22)

Arm length	Unit: lbs (kN)
SAE	70" (2.13 m)
ISO	14,658 (65.2)
SAE	16,456 (73.2)
ISO	8,500 (37.7)
SAE	7,700 (34.2)
ISO	8,900 (39.4)
SAE	7,900 (35.2)

Dimensions

Arm length	Unit: ft-in (mm)
A Overall length	57" (1.71 m)
B Overall height (to top of boom)	192" (5.80)
C Overall width of crawler	83" (2.52)
D Overall height (to top of cab)	8'0" (2.45)
E Ground clearance of rear end*	8'6" (2.60)
F Ground clearance*	27.6" (700)
	13.8" (350)



Operating Weight & Ground Pressure

In standard trim, with standard boom, 7'0" (2.13m) arm, and 0.29 cu.yd. (0.22m³) SAE heaped bucket

Shaped	Triple grouser shoes (even height)
Shoe width	23.6" (600)
Overall width of crawler	80" (2.45)
Ground pressure	3.81 (26.3)
Operating weight	17,100 (7,760)

* Without including height of shoe lug
** Dozer blade: Rear side
*** With add-on type counterweight (+400kg)

Effective Date		April 1, 2020		KCMU Machine Pricing	
Engine	Make /Model	Yanmar 4TNV98CT Tier 4 Final			SK75SR-7
	Horse Power	70 hp {52.3 kW} / 2,100 RPM (SAE NET)			
	Torque	216 lb-ft {293 N • m} / 1,365 RPM (SAE NET)			
General	Energy Saving ITCS intelligent control system with ECO -Mode. Auto engine deceleration and low oil pressure shut down. Two 12 volt batteries and double element air cleaner. ROPS Cab with FOPS top guard and tinted glass, hand control pattern changer- two way ISO/BHL, heavier CWT and belly pan . Working environment includes air-conditioning and AM/FM radio.				
Shipping Dimensions	Overall Length	20'10" {6,360 mm}			
	Transport Width	8' {2,450 mm} with 600mm shoes			
	Overall Height	8'5" {2,570 mm}			
	Weight Lbs.	18,700 lb {8,490 kg}			
Shipping dimensions are based on standard machine configuration					
Code	Base Machine				List
SK75SR-7	Base Machine- ROPS cab with air conditioning, dozer blade, tinted glass, AM/FM radio, travel alarm, and FOPS top guard.				
	Seat				
7-54	Mechanical Suspension Seat				Included
7-53	Air Suspension Heated Seat				
	Track Shoes				
2-04	Semi-Triple Grouser Shoes 23.6" (600mm) wide				
	Excavator Boom				
	Standard Mono Boom 12'6" (3.82m)				Included
	Excavator Arm				
	Standard Arm 7' (2.13m)				Included
	24" Heavy Duty Pin On Bucket				Included
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Items other than KCMU standard may require longer delivery time. Consult KCMU for availability and delivery of optioned equipment. Consult Sales Support for pricing questions.					



Warranty Statement ~ Compact Excavator product (base unit weight < six (6) metric tons)
Involved to KCMU Dealers on/after October 1, 2016 KOBELCO CONSTRUCTION MACHINERY USA, INC. (hereinafter referred to as "KOBELCO") hereby warrants each new machine (having base weight of less than six (6) metric tons) to be free from defects in material and workmanship, subject to the conditions and limitations set forth herein.

1. Warranty Period

The warranty period is thirty six (36) months or three thousand hours of operation (whichever occurs first) base machine coverage for a period commencing on the earlier to occur of either (a) date of delivery to retail purchaser, or (b) date of delivery to first rental, or (c) accrual of 150 demonstration hours on machine hour meter, or (d) 12 months from KCMU invoice date for machine to Dealer.

2. Warranty Coverage

Within the warranty period, and subject to the limitations set forth in section 3 below, KOBELCO will repair or replace at its option, free of charge, F.O.B. KOBELCO's factory or its Distributor at KOBELCO's option, any part or parts of the warranted machine which are found by KOBELCO to be defective in material and/or workmanship. Any parts replaced must be returned to KOBELCO's factory or its authorized Distributor, transportation charge prepaid by sender.

3. Limits of Liability

KOBELCO shall not be liable for or in respect of:

3.1 Components purchased by KOBELCO and installed in a machine, beyond or in addition to any warranty provided to KOBELCO by the manufacturer of such components.

3.2 Repair or replacement of (i) any normal wearing parts, (ii) any aging or deterioration caused by foreign substances or by exposure to the natural elements or (iii) any consumable items, such as oil, grease, refrigerant, filters, etc.

3.3 Any cost of repairs, alterations or replacements made by, or any expenses connected therewith incurred by, anyone other than KOBELCO or its authorized Distributor.

3.4 Any warranted machine which has been subjected to:

a) Misuse, improper operation or misapplication, including but not limited to operation beyond rated capacity expressly prohibited in the operator's manual or rated capacity charts furnished with the machine;

b) Neglect, including but not limited to (i) improper maintenance and (ii) use of the machine while any parts are loose, broken or out of order;

c) Accident, Acts of God such as natural disaster, fires and other disasters caused by human fault or negligence.

d) Improper or unauthorized installation, adjustment, repair or alteration, including but not limited to (i) adjustment or assembly procedures not recommended or authorized in the operator's manual, (ii) use of unauthorized parts or attachments, and (iii) unauthorized modification or alteration.

KOBELCO SHALL BE LIABLE ONLY FOR REPAIR OR REPLACEMENT OF PARTS AS DESCRIBED UNDER "WARRANTY COVERAGE", AND KOBELCO SHALL NOT BE LIABLE, WHETHER UNDER BREACH OF WARRANTY, NEGLIGENCE OR STRICT LIABILITY, FOR ANY OTHER INJURY, LOSS, DAMAGE OR EXPENSES, WHETHER DIRECT OR CONSEQUENTIAL, INCLUDING BUT NOT LIMITED TO LOSS OF USE, INCOME, PROFIT OR PRODUCTION, INCREASED COST OF OPERATION, OR SPOILAGE OF OR DAMAGE TO MATERIAL.

4. Alterations

KOBELCO reserves the right to make alterations or modifications in their equipment at any time, which in their opinion, may improve the performance and efficiency of the machine. KOBELCO shall not be obligated to make such alterations or modifications to machines already in service.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED, WHETHER WRITTEN OR ORAL, EXPRESSED OR IMPLIED.

KOBELCO ASSUMES NO OTHER OBLIGATION OR RESPONSIBILITY WITH RESPECT TO THE PRODUCTS WHATSOEVER, AND NO EMPLOYEE OR REPRESENTATIVE IS AUTHORIZED TO CHANGE OR EXTEND THIS WARRANTY IN ANY WAY OR GRANT ANY OTHER WARRANTY WHATSOEVER.

Manufactured by **KOBELCO CONSTRUCTION MACHINERY USA, INC.**

September 24, 2016 Supersedes all prior Form No. KCMU-04 rev 02