

Note: This catalogue 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.

Specialist equipment is needed to use this machine in demolition work. Before using it please contact your KOBELCO dealer. 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 catalogue may be reproduced in any manner without notice.

#### **KOBELCO CONSTRUCTION MACHINERY CO., LTD.**

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Inquiries To:

SK260LC-11E-TUR-101-2402XXE









### **UNFORGETTABLE COMFORT**

### Air suspension seat with heating

A GRAMMER\* seat is installed as standard equipment, which achieves excellent shock absorption and superior ride comfort.

\*GRAMMER is trademark of GRAMMER AG. registered in Germany and other countries.

#### **Air-conditioner**

Air is blown against the operator's waist and the back of their head, offering more comfortable operation.

# Lever angles allow for comfortable operations

The operator can move the levers horizontally without twisting their wrist, which reduces the fatigue caused by the operations.



### **New Hydraulic Control**

Our newly upgraded hydraulic control system responds to shorter lever strokes than current models, delivering swifter, more precise movement and improved lever operability.

### **LED** door light

The LED interior light automatically turns on when the door is opened or when the ignition is set to OFF.

This ensures easy entry and exit at nighttime.

Parallel wipers secure a wide field of view





### **SAFETY ON FULL DISPLAY**

#### **Standard 3 Sides Safety Camera System**

Our high-resolution, large display shows right, left and rear side cameras together. Multiple display allows the operator to customize viewing needs to enhance operator awareness and jobsite safety.











#### **Large 10-Inch Color Monitor**

The easy-to-operate menu screen and recognizable icons assist the operator to select the most important information needed to ensure jobsite safety and machine control.



#### **Dial in the Right Information**

Simply turn the jog dial to the right or left to select an operational feature, then press the dial to confirm selection.







### **GREATER MULTI-FUNCTION CAPABILITIES**

#### **Attachment mode**

The flow rate and working pressure modes of the bucket, breaker, nibbler, and rotating grapple are set before delivery, which allows you to start operating immediately. Mode settings for other attachments, such as the tilt rotator, can easily be added or changed.



### **EASY MAINTENANCE**





Standard Overhead Top **Guard Level II** The standard overhead cab guard can be tilted open with gas damper for easy window cleaning. Meets standard top guard level II requirements. (ISO 10262)



Two-stage air filter



DEF/AdBlue® Tank The DEF/AdBlue® fill is located inside the locking tool box.



Left side (radiator and cooling system elements) Laid out for easy access to radiator and cooling system.



Right Side (Ground Level Engine Oil Filter Maintenance) Hydraulic pump and engine filter

compartment.





**Pre-Filter with** Integrated Water Separator



**Fuel Filter** 

### **DURABILITY YOU CAN TRUST**

#### **Enhanced body rigidity for 25-ton class machines**

The SK260LC machines are widely used in mid-scale construction projects and harsh worksites. The components have been reviewed and improvements have been made to their durability to ensure stable performance in such environments.





Panels and supports

The right and left side panels and rear supports have been thicker to enhance body rigidity.





**Bucket cylinder rod pin** 

The increased diameter of the bucket cylinder rod pin contributes to enhanced durability for various types of attachments.

### **CONVENIENT AND SENSIBLE EQUIPMENT**



**Engine start password**A password is required when starting the engine for greater security.



Wiper adjustment function
In addition to the intermittent wiper mode and continuous wiper mode, the one-time wiper mode was added.



Parallel wiper
Sun screen (Option)



**Console mount**The console-integrated seat allows for comfortable operation.



DAB+ radio (FM/AM & AUX & USB & Bluetooth® & hands-free telephone)



USB port/12 V power outlet



Smartphone holder
You can use the holder with your smartphone connected to the USB port.

# **Excavator Remote Monitoring System**



#### **Remote Monitoring for Peace of Mind**

data, and therefore can be deployed in areas where other

When a hydraulic excavator is fitted with this system, data on the machine's operation, such as operating hours, location, fuel consumption, and maintenance status can be obtained remotely.

#### **Direct Access to Operational Status**

#### **Location Data**

• Accurate location data can be obtained even from sites where communications are difficult.

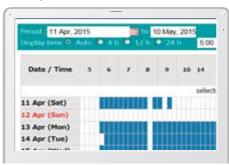




F10001 11 Apr. 2015:	10 May, 2015	Search	
Type of Operation	Working Hrs.		Ratio
Total Working Hrs		\$69 H/s	100
Digging Hrs	100	72.2 Hrs	43
Traveling Hrs		18.3 Hrs	11
Idle Hrs		15.9 Hrs	9
Opt Att Hrs	100	62.5 Hrs	37
Crane Mode Hrs		0 Hrs	0

#### **Operating Hours**

- •A comparison of operating times of machines at multiple locations shows which locations are busier and more profitable.
- ·Operating hours on site can be accurately recorded, for running time calculations needed for rental machines, etc.

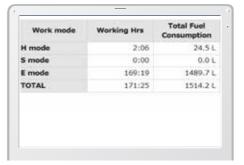


#### **Fuel Consumption Data**

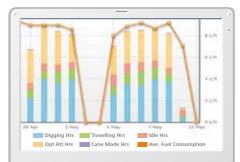
•Data on fuel consumption and idling times can be used to indicate improvements in fuel consumption.

### **Graph of Work Content**

•The graph shows how working hours are divided among different operating categories, including digging, idling, travelling and optional operations.



Fuel consumption

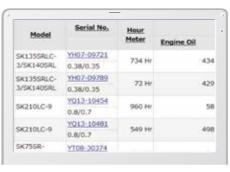


Work status

#### **Maintenance Data and Warning Alerts**

#### **Machine Maintenance** Data

- Provides maintenance status of separate machines operating at multiple sites.
- Maintenance data is also relayed to KOBELCO service personnel, for more efficient planning of periodic servicing.



### **Warning Alerts**

•This system gives an alert if an anomaly is sensed, preventing damage that could result in machine

#### **Alarm Information Can Be** Received via E-mail

• Alarm information or maintenance notice can be received via e-mail, using a computer or a mobile



#### **Daily/Monthly Reports**

Alarm messages can be received on a mobile device.

### **Security System**

#### **Engine Start** Alarm

•The system can be set up with an alarm if the machine is operated outside designated time.



Engine start alarm outside prescribed work time

•Operational data downloaded onto a computer helps in formulating daily and monthly reports.

#### **Area Alarm**

•It can be set up with an alarm if the machine is moved out of its designated area to another location.



Alarm for outside of reset area

### **Specifications**



Model	YANMAR 4TN107FTT
Туре	Direct injection, water-cooled, 4-cycle diesel engine with turbocharger, intercooler,EU Stage V compliant
No. of cylinders	4
Bore and stroke	107 mm x 127 mm
Displacement	4.567 L
Pated power output	148 kW/2,200 min <sup>-1</sup> (ISO 9249 : with fan)
Rated power output	155 kW/2,200 min <sup>-1</sup> (ISO 14396: without fan)
Max. torque	792 N•m/1,500 min <sup>-1</sup> (ISO 9249: with fan)
	805 N·m/1,500 min <sup>-1</sup> (ISO 14396: without fan)



### Hydraulic System

Pump		
Туре	Axial piston pumps + extra gear pump + pilot gear pump	
Max. discharge flow	2 x 245 L/min, 1 x 42.6 L/min, 1 x 21 L/min	
Relief valve setting		
Boom, arm and bucket	34.3 MPa {350 kgf/cm <sup>2</sup> }	
Power Boost*	37.8 MPa {385 kgf/cm²}	
Travel circuit	34.3 MPa {350 kgf/cm²}	
Swing circuit	28.4 MPa {290 kgf/cm²}	
Control circuit	5.0 MPa {51 kgf/cm²}	
Pilot control pump	Gear type	
Main control valve	8-spool	
Oil cooler	Air cooled type	



### **Swing System**

Swing motor	One fixed displacement piston motor
Brake	Hydraulic; locking automatically when the swing control lever is in neutral position
Parking brake	Oil disc brake, hydraulic operated automatically
Swing speed	11.4 min <sup>-1</sup>
Swing torque	85.9 kN•m



### **Attachments**

Backhoe bucket and combination

Use		Backhoe bucket				
		Normal digging			Light-duty	
Bucket capacity	ISO heaped	m³	0.80	1.00	1.20	1.40
Opening width  With side cutter  Without side cut	With side cutter	mm	1,060	1,270	1,440	_
	Without side cutter	mm	960	1,180	1,340	1,510
No. of teeth		4	5	5	6	
Bucket weight		kg	700	807	850	890
2.50 m short arm 2.98 m standard ar 3.66 m long arm	2.50 m short arm		0	0	0	Δ
	2.98 m standard arm		0	0	Δ	Δ
	3.66 m long arm		0	Δ	Δ	X

 $\bigcirc$  Standard  $\bigcirc$  Recommended  $\triangle$  Loading only  $\times$  Not recommended



### Travel System

Travel motors	2 × axial-piston, two-step motors
Travel brakes	Hydraulic brake per motor
Parking brakes	Oil disc brake per motor
Travel shoes	51 each side
Travel speed	5.8/3.6 km/h
Drawbar pulling force	243 kN (SAE)
Gradeability	70 % {35°}



## Cab & Control

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All-weather, sound-suppressed steel cab mounted on the high suspension mounts filled with silicone oil and equipped with a heavy, insulated floor mat.

Co	ontro	
-		

Two hand levers and two foot pedals for travel Two hand levers for excavating and swing Electric rotary-type engine throttle

Electric rotary type engine unotice		
Noise levels		
External	104 dB(A) (2000/14/EC)	
<b>Operator</b> 76 dB(A) (ISO 6396)		
Vibration levels		
Hand/arm*	$\leq 2.5 \text{ m/s}^2$	
Body*	≤ 0.5 m/s <sup>2</sup>	

\*For the risk assessment according to 2002/44/EC, refer to ISO/TR 25398: 2006.



### Boom, Arm & Bucket

Boom cylinders	135 mm × 1,235 mm
Arm cylinder	145 mm × 1,635 mm
Bucket cylinder	125 mm × 1,200 mm



## Refilling Capacities & Lubrications

Fuel tank	403 L	
Cooling system	23 L	
Engine oil	20 L	
Travel reduction gear	2 × 4.5 L	
Swing reduction gear	1 × 5.0 L	
Under die eil teel.	165 L tank oil level	
Hydraulic oil tank	273 L hydraulic system	
DEF/Urea tank	83 L	



## **Working Ranges**

Unit: mm 6.02 m a- Max. digging reach 9,890 10,300 10,970 b- Max. digging reach at ground level 9,720 10,140 10,820 c- Max. digging depth 6,520 7,000 7,680 d- Max. digging height 9,650 9,790 10,220 6,720 6,880 7,280 e- Max. dumping clearance f- Min. dumping clearance 3,030 2,550 1,870 g- Max. vertical wall 5,820 6,150 6,970 digging depth 3,910 h- Min. swing radius 3,910 3,920 i- Horizontal digging stroke 4,200 5,260 6,480 at ground level j- Digging depth for 2.4 m (8') flat bottom 6,320 6,820 7,540 Bucket capacity ISO heaped m<sup>3</sup> 1.00 0.80

#### Digging Force (ISO 6015)

Arm length	Short	Standard	Long
	2.50 m	2.98 m	3.66 m
Bucket digging force	170	170	170
	187*	187*	187*
Arm crowding force	142	122	104
	156*	134*	114*

\*Power Boost engaged.

- Long Arm —— Standard Arm —— Short Arm

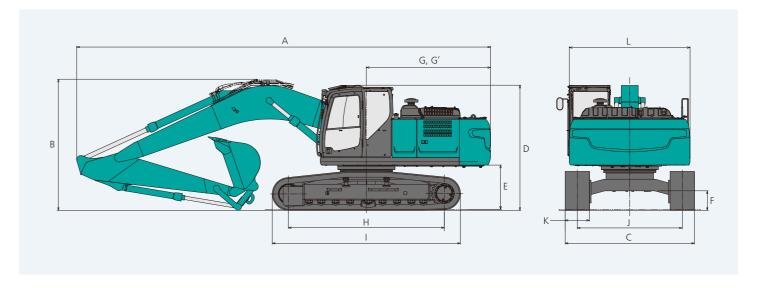
rm length	Short	Standard	Long
	2.50 m	2.98 m	3.66 m
Bucket digging force	170	170	170
	187*	187*	187*
Arm crowding force	142	122	104
	156*	134*	114*



Aı	rm length	Short 2.50 m	Standard 2.98 m	Long 3.66 m
Α	Overall length	10,270	10,210	10,220
В	Overall height (to top of boom)	3,390	3,240	3,370
C	Overall width of crawler		3,190	
D	Overall height (to top of cab)		3,090	
Ε	Ground clearance of rear end*		1,090	
F	Ground clearance*		440	

		Unit: mm
G	Tail swing radius	3,100
G'	Distance from centre of swing to rear end	3,070
Н	Tumbler distance	3,850
1	Overall length of crawler	4,640
J	Track gauge	2,590
K	Shoe width	600
L	Overall width of upperstructure	2,980
		*Without including height of shoe lug

12m 11 10 9 8 7 6 5 4 3 2 1 0



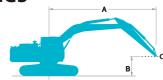


### **Operating Weight & Ground Pressure**

In standard trim, with Standard Boom, 2.98 m arm, and 1.00 m<sup>3</sup> ISO heaped bucket

Shaped		Triple grouser shoes (even height)							
Shoe width	mm	600	700	800	900				
Overall width of crawler	mm	3,190	3,290	3,390	3,490				
Ground pressure	kPa	53	46	41	37				
Operating weight	kg	26,700	27,000	27,300	27,700				

**Lift Capacities** 





A: Reach from swing centreline to arm top B: Arm top height above/below ground C: Lift point Bucket: Without bucket Relief valve setting: 37.8 MPa(385 kgf/cm²)

SK260L0	2	Boom: 6.0	02 m Arm:	2.98 m B	ucket: with	out Counterweight: 5,580 kg Shoe: 600 mm (Heavy Lift)									
	А	1.5	5 m	3.0 m		4.5	5 m	6.0 m		7.5 m		At max. reach			
В			<del></del>	4	<del></del>	4	<del></del>	1	<del></del>		<del></del>		<del></del>	Radius	
7.5 m	kg											*4,930	*4,930	6.70 m	
6.0 m	kg							*5,800	*5,800	*5,850	5,100	*4,660	*4,660	7.73 m	
4.5 m	kg							*6,590	*6,590	*6,110	5,000	*4,620	4,150	8.37 m	
3.0 m	kg					*10,070	*10,070	*7,720	6,710	*6,660	4,810	*4,750	3,800	8.71 m	
1.5 m	kg					*12,240	9,500	*8,870	6,340	7,010	4,620	*5,060	3,660	8.78 m	
G.L.	kg					*13,390	9,120	9,540	6,080	6,850	4,480	*5,620	3,720	8.58 m	
–1.5 m	kg	*7,380	*7,380	*11,560	*11,560	*13,590	9,030	9,410	5,970	6,790	4,420	6,090	4,000	8.11 m	
–3.0 m	kg	*13,010	*13,010	*18,450	18,270	*12,960	9,120	9,460	6,010			7,130	4,650	7.30 m	
–4.5 m	kg			*15,600	*15,600	*11,200	9,400	*8,040	6,260			*8,010	6,240	6.01 m	

SK260L0	260LC Boom: 6.02 m Arm: 3.66 m Bucket: without Counterweight: 5,580 kg Shoe:								Shoe: 600	e: 600 mm (Heavy Lift)						
	А	1.5	5 m	3.0	) m	4.5	m	6.0	m	7.5	m	9.0	m	At	max. rea	ch
В		1	<del></del>	4	<del></del>	-	<del></del>	4	<del></del>	4	<del></del>	<u> </u>	<del>-</del>	-	<del></del>	Radius
7.5 m	kg									*3,870	*3,870			*3,610	*3,610	7.56 m
6.0 m	kg									*5,080	*5,080			*3,420	*3,420	8.49 m
4.5 m	kg							*5,760	*5,760	*5,450	5,050	*3,790	3,680	*3,380	*3,380	9.08 m
3.0 m	kg			*13,780	*13,780	*8,770	*8,770	*6,950	6,810	*6,080	4,830	*5,250	3,600	*3,450	3,340	9.39 m
1.5 m	kg					*11,190	9,680	*8,210	6,380	*6,780	4,600	5,290	3,490	*3,630	3,230	9.45 m
G.L.	kg			*7,060	*7,060	*12,790	9,130	*9,230	6,050	6,800	4,420	5,200	3,400	*3,960	3,260	9.27 m
–1.5 m	kg	*6,500	*6,500	*10,570	*10,570	*13,440	8,910	9,320	5,880	6,680	4,310			*4,520	3,460	8.83 m
–3.0 m	kg	*10,600	*10,600	*15,510	*15,510	*13,240	8,910	9,290	5,850	6,680	4,310			*5,530	3,920	8.10 m
–4.5 m	kg	*15,650	*15,650	*17,320	*17,320	*12,080	9,100	*8,940	5,980					*7,250	4,920	6.96 m
–6.0 m	kg					*9,100	*9,100							*7,540	*7,540	5.17 m

SK260L	c	Boom: 6.02	m Arm: 2.5	0 m Bucket:	without Co									
	A		) m	4.5	4.5 m		6.0 m		7.5 m		At max. reach			
В		<u> </u>	<del></del>	<u> </u>	<del></del>	1	<del></del>	-	<del></del>	<u> </u>	<del></del>	Radius		
7.5 m	kg					*6,360	*6,360			*6,440	*6,440	6.14 m		
6.0 m	kg					*6,330	*6,330			*6,400	5,260	7.26 m		
4.5 m	kg			*8,450	*8,450	*7,060	6,970	*6,510	4,910	*6,400	4,450	7.94 m		
3.0 m	kg			*10,850	9,970	*8,140	6,580	*6,960	4,740	6,090	4,050	8.29 m		
1.5 m	kg			*12,780	9,290	*9,180	6,240	6,950	4,570	5,910	3,910	8.36 m		
G.L.	kg			*13,550	9,030	9,470	6,020	6,820	4,450	6,060	3,980	8.16 m		
–1.5 m	kg	*11,410	*11,410	*13,430	9,020	9,400	5,960	6,810	4,440	6,620	4,330	7.66 m		
–3.0 m	kg	*17,240	*17,240	*12,500	9,170	*9,380	6,060			7,960	5,170	6.79 m		
–4.5 m	kg	*13,930	*13,930	*10,190	9,550					*8,190	7,400	5.38 m		

#### Notes:

- Do not attempt to lift or hold any load that is greater than these lift capacities at their specified lift point radius and heights. Weight of all accessories must be deducted from the above lift capacities.
- Lift capacities are based on machine standing on level, firm, and uniform ground. User must make allowance for job conditions such as soft or uneven ground, out of level conditions, side loads, sudden stopping of loads, hazardous conditions, experience of personnel, etc.
- Arm top defined as lift point.

- 4. The above lift capacities are in compliance with ISO 10567. They do not exceed 87% of hydraulic lift capacity or 75% of tipping load. Lift capacities marked with an asterisk(\*) are limited by hydraulic capacity rather than tipping load.
- Operator should be fully acquainted with the Operator's and Maintenance Instructions before
  operating this machine. Rules for safe operation of equipment should be adhered to at all times.
- Lift capacities apply to only machine as originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.

## **Standard and Optional Equipment**



●=Std ○=Opt

Category	Description	SK260LC-11E
Engine Engine	YANMAR 4TN107FTT (EU Stage V compliant)	
	Exhaust DOC DPF SCR system	
	Alternator 24 V / 80 A	•
	Starter motor 24 V / 5 kW	•
	Batteries 2 x 12 V (130 Ah)	•
	Fan suction type cooling system	•
	Auto deceleration function	•
	Auto idle stop (AIS)	•
ydraulic system	3 work modes H, S, Eco	•
	Power boost (37.8 MPa {385 kgf/cm²})	•
	Heavy lift mode	•
	Pressure release function	•
	Independent travel function	•
	Auto warm up system	•
	Proportional Hand Control (for E&N&B piping)	•
	Hydraulic oil VG46	•
iping	E & N&B piping	•
	QH piping	•
abin	Air suspension seat with heating	•
	10 inch colour monitor	•
	LED door light	•
	Air-conditioner	•
	DAB+ radio (FM/AM & AUX & USB & Bluetooth® & hands free telephone)	•
	Harness for CAB four lights and CAB yellow flasher	•
	Parallel wiper	•
	12 V power outlet	•
	Rain visor	0
	Sun screen	0
ights	LED work lights; 2 on Boom, 1 on upper frame, 2 on rear counterweight	•
	LED work lights ; 2 on Cab top front	0
Working equipment	Standard Boom (6.02 m)	•
	Standard HD arm (2.98 m) with rock guard	•
	Short HD arm (2.50 m) with rock ruard	0
	Long HD arm (3.66 m) with rock guard	0
	OHK hook	•
Counterweight	Standard C/W (TTL 5,580 kg)	•
Indercarriage	600 mm steel shoe	•
	700 mm steel shoe	0
	800 mm steel shoe	0
	900 mm steel shoe	0
	Track guide (one per side)	•
	Additional track guides (two additional per side)	0
	Lower frame guard	•
afety	Engine emergency stop switch	•
•	Pump emergency mode (KPSS release switch)	•
	Emergency accel dial	•
	Emergency manual valve for lowering attachment	•
	Overload alarm	•
	Safety valve for Boom & arm cylinder	•
	ROPS compliant cab (ISO 12117-2:2008)	•
	OPG Level II top guard (ISO 10262;1998)	•
	OPG Level II front guard (ISO 10262;1998)	0
	Eagle-eye view camera (Rear, Right, Left)	•
	Seatbelt indicator on display	•
	Travel alarm	
	Extended handrail	0
others	Refueling pump	
	Harness for engine room light	
	RAL color	0
	GEOSCAN	

\*The air conditioning system on this machine contains fluorinated greenhouse gas HFC-134a (GWP 1430). Quantity of gas 0.9 kg (CO² equivalent 1.3 t). Note: Bluetooth® is a registered trademark of the Bluetooth SIG Inc.

### **MEMO**



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