STANDARD EQUIPMENT

ENGINE

- Engine, YANMAR 4TNV98CT, Diesel engine with turbocharger and intercooler, EU Stage V compliant
- Auto Idle Stop
- Automatic engine deceleration
- Batteries (2 x 12 V 72 Ah)
- Starting motor (24 V 3.5 kW), 50 amp alternator
- Engine oil pan drain cock
- Double element air cleaner
- Refuelling pump

CONTROL

- Working mode selector (H-mode, S-mode and ECO-mode) N & B piping (proportional hand controlled) Extra piping (proportional hand controlled)
- Object Handling Kit (boom and arm safety valves)

SWING SYSTEM & TRAVEL SYSTEM

Swing rebound prevention system

- Straight propel system
- Two-speed travel with automatic shift down
- Sealed & lubricated track links
- 450 mm steel shoes
- Dozer blade (for 450 mm shoe)
- Grease-type track adjusters
- Automatic swing brake
- Lower Frame Guard
- Dozer Blade

MIRRORS, LIGHTS & CAMERAS

Rear view mirror, rear view camera and right side view camera Three front working lights (LED)

OPTIONAL EQUIPMENT

- Various optional arms
- Wide range of shoes
- Front-guard protective structure (may interfere with bucket action)
- Extra piping (proportional hand controlled)
- Additional counterweight (+300 kg)
- Cab top work LED lights (two lights)
- Mechanical suspension seat (Applicable for N&B piping)

Note: Standard and optional equipment may vary. Consult your KOBELCO dealer for specifics.

- CAB & CONTROL
- Two control levers, pilot-operated
- Horn, electric
- Integrated left-right slide-type control box
- LED door light (interior)
- Coat hook
- Large cup holder
- Detachable two-piece floor mat
- GRAMMER air suspension seat with heater
- Retractable seatbelt
- Headrest Handrails
- Intermittent Parallel wiper with double-spray washer
- Sky light
- Openable top guard (ISO 10262: 1998)
- Tinted safety glass
- Pull-type front window and removable lower front window

SK85MSR-7

- Easy-to-read 10-inch LCD SCREEN multi-display monitor
- Automatic air conditioner
- Emergency escape hammer
- Radio (AUX & Bluetooth)
- 12 V converter
- Hands-free telephone
- USB port

- Rain visor (may interfere with bucket action)

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. 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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Enquiries To:

Heavier counterweight (+350kg) Eagle eye view

KOBELCO





Low & High flow piping (proportional hand ctrl)

- Quick Hitch piping

SK85MSR-7



- Bucket capacity:
- 0.11-0.35 m³
- Engine power:
- 52.3 kW/2,100 min⁻¹
- Operating weight: 8,400-8,900 kg

KOBELLC

Performance

SK85MSR of KOBELCO has realised a completely new value by harmonising PERFORMANCE – greater efficiency and productivity with an increased power and speed and DESIGN – operator-based operability and comfort, refusing to accept any compromises. In pursuit of unique and matchless machines which are unforgettable once you use them, KOBELCO will continue to rise to meet every challenge.

sk85MSR

Design

THE ULTIMATE IN SIMPLE AND ELEGANT DESIGN

Our pursuit of functional beauty and aesthetic sense produced a new interior design.

Jog dial

This jog dial integrates multiple functions to realise simple operations. Even with gloved hands, the operator can set various machine conditions without stress.

LED backlights

The switches and dials have LED backlights – they provide a bright, clear view in the dark and set a luxurious mood.



MODE

Disp



UNFORGETTABLE COMFORT

• Air suspension seat

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

② Air conditioner blowing from the rear

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.



4 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.

G Parallel wipers secure a wide field of view





A WIDER VIEW BRINGS A WIDER RANGE OF USE

10-inch colour monitor (the largest in the industry) The easy-to-operate menu screen facilitates reading of important information. Images from the built-in cameras can be checked on the large screen, which helps secure safety. In addition, each icon has become easy to recognise. A password is required when starting the engine for greater security.





Right and rear cameras

Images from the right camera and rear camera are displayed together on the large colour monitor. The right camera view can be selected between the straight view mode and right side view mode. In addition, the bird's-eye view mode can also be selected. As an optional setting, the eagle eye view mode can also be selected.



The right camera and rear camera (right side view mode)

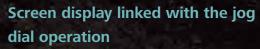


The right camera and rear camera (straight view mode)





The eagle-eye view (optio



The jog dial can be operated as desired without causing stress. Turn the jog dial to the right or left to select an item and press the dial to confirm the selection.

>>>> Hill-climbing speed Increased by 22%(Compared to the SK85MSR-3E model)

EXPERIENCING A COMPETENT PERFORMANCE

ACTIVAL

Our high-power engine complies with STAGE V emission regulations Compared to previous models, the engine output is significantly increased, which thereby shortens the digging cycle time remarkably. It attains high performances without reducing the speed even when heavy a load is applied or when travelling on a slope.



>>> Digging cycle time Shortened by

Loaded boom lifting speed Increased by 38% (Compared to the SK85MSR-3E model) Model: YANMAR 4TNV98CT

Engine output

Increased by **23**% Compared to the SK85MSR-3E mode

NUSANI ST

(Compared to the SK85MSR-3E model)

Arm digging speed Increased by 37% (Compared to the SK85MSR-3E model)



GREATER MULTI-FUNCTION CAPABILITIES

CONVENIENT AND SENSIBLE EQUIPMENT

Attachment mode

The flow-rate 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.

KOBELCO



04:47



Engine start password A password is required when starting the engine for greater security. The initial password must be set at our workshop.



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



Smartphone holder



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



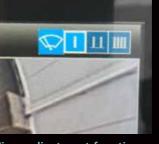
and the shoes

1 15

11



between the upper body



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



Parallel wipers/Roll sun shade



AM/FM Bluetooth® (hands-free) radio



USB port/12 V power outlet



Built-in rear camera/right camera



Openable FOPS guard The openable guard allows for easy maintenance.



Remote control fuel drain cock Engine oil drain cock



KOMEXS KOBELCO MONITORING EXCAVATOR SYSTEM







Remote Monitoring for Peace of Mind

KOMEXS (Kobelco Monitoring Excavator System) uses satellite communication and internet to relay data, and therefore can be deployed in areas where other forms of communication are difficult.

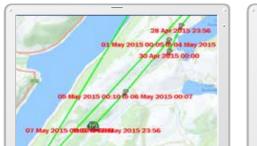
When a hydraulic excavator is fitted with this system, data on the machine's operation, such as operating hours, location, fuel consumption, and maintenance status can be obtained remotely.

Direct Access to Operational Status

Location Data

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







Operating Hours

Fuel Consumption Data •Data on fuel consumption and idling times can be

•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.



Work mode H mode S mode E mode 165 TOTAL 171:

Fuel consumption

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.

Model	Serial No.	Hour Meter	Engine O
SK135SRLC-	YH07-09721	224.44	
3/SK1405RL	0.38/0.35	734 Hr	
SK135SRLC-	¥H07-09289	73 Hr	
3/SK1405RL	0.38/0.35	73 80	
000000000	YQ13-10454	000.000	
SK210LC-9	0.8/0.7	960 Hr	
	YQ13-10481	640.14	
SK210LC-9	0.8/0.7	549 Hr	
SK75SR-	YT08-30374		

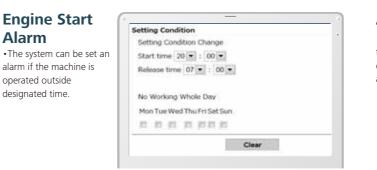
Maintenance

Alarm Information Can Be Received through E-mail

•Alarm information or maintenance notice can be received through E-mail, using a computer or cell phone.



Security System



Latest location

13

Work data

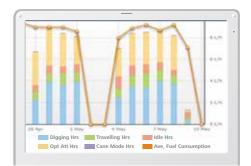
Engine start alarm outside prescribed work time

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.

rs	Total Fuel Consumption	•
:06	24.5 L	
:00	0.0 L	
:19	1489.7 L	
:25	1514.2 L	



Work status



Warning Alerts

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

Daily/Monthly Reports

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

Alarm messages can be received on mobile device.

Area Alarm

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

Setting Condition			
Around the current (la	test) location	1[Km	
10 Input Latitude and Lon	gitude		
Latitude1			
Longitude1			
Latitude2			
Longitude2			
Мар	Clear		
© Release			

Specifications

Engine

Model	YANMAR 4TNV98CT	
Туре	Four-stroke, liquid-cooled, direct injection diesel, turbo charged complies with EU Stage V exhaust emission regulation	
No. of cylinders	4	
Bore and stroke	98 mm x 110 mm	
Displacement	3.318 L	
Rated power output	52.3 kW/2,100 min ⁻¹ (ISO 9249)	
	53.7 kW/2,100 min ⁻¹ (ISO 14396)	
Max. torque	293 N·m/1,365 min ⁻¹ (ISO 9249)	
	296 N·m/1,365 min ⁻¹ (ISO 14396)	

Hydraulic system

Pump	
Туре	Variable displacement piston pumps + one gear pump
Max. discharge flow	2 x 72.5 L/min 1 x 19 L/min
Relief valve setting	
Boom, arm and bucket	29.4 Mpa {300 kgf/cm ² }
Travel circuit	29.4 Mpa {300 kgf/cm ² }
Swing circuit	24.5 Mpa {250 kgf/cm ² }
Control circuit	5.0 Mpa {50 kgf/cm ² }
Pilot control pump	Gear type
Main control valves	12-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 the neutral position
Parking brake	Wet multiple plate
Swing speed	11.5 min ⁻¹
Tail swing radius	1,650 mm
Min. front swing radius	2,800 mm
Swing torque	17 kN·m



Backhoe bucket and combination

Backhoe bucket ISO heaped m³ 0.28 0.11 0.14 0.18 0.22 0.35 **Bucket capacity** 0.25 0.09 0.12 0.14 0.18 0.26 Struck m³ With side cutter 650 480 550 650 850 mm **Opening width** 680 400 410 580 Without side cutter mm 480 780 No. of teeth 4 3 3 3 4 4 210 190 160 170 190 Bucket weight kg \bigcirc \bigcirc 0 Ο \bigcirc \bigtriangleup 1.87 m arm Combination 2.13 m arm 0 \wedge

 \bigcirc Standard \bigcirc Recommended \triangle Loading only



Travel motors	Variable displacement piston, two-speed motors
Travel brakes	Hydraulic brake
Parking brakes	Wet multiple plate
Travel shoes	39 each side
Travel speed	5.0/2.7 km/h
Drawbar pulling force	77 kN (ISO 7464)
Gradeability	58% {30°}

🛃 Cab & control

Cab All-weather, sound-suppressed steel cab mounted on the silicon-sealed viscous mounts and equipped with a heavy, insulated floor mat

Two hand levers and two foot pedals for travel Two hand levers for excavating and swing Electric rotary-type engine throttle oise le 98 dB(A) External Operator 73 dB(A)

Boom, arm & bucket

Boom cylinders	110 mm x 916 mm
Arm cylinder	95 mm x 839 mm
Bucket cylinder	85 mm x 762 mm

Dozer blade

Dozer cylinder	145 mm x 189 mm
Dimension	2,300 mm {for 450 mm shoe} (width) x 455 mm (height)*
Working range	500 mm (up) x 500 mm (down)

Refilling capacities & lubrications

Fuel tank	120 L	
Cooling system	12.8 L	
Engine oil	11.8 L	
Travel reduction gear	2 x 1.3 L	
Swing reduction gear	1.5 L	
Hydraulic oil tank	44 L tank oil level	
Hydraulic oli tarik	84 L hydraulic system	
*Deper width is shaped according to the shap width difference		

*Dozer width is changed according to the shoe width difference.

37.1 {3,780}

7.24

7.07

4.18

7.01

4.98

1.95

3.42

2.70

3.11

3.82

0.28

Working ranges

a- Max. digging reach

b-Max. digging reach at ground level

c- Max. digging depth

d-Max. digging height

g-Max. vertical wall

Bucket digging force

Arm crowding force

digging depth h- Min. swing radius

e- Max. dumping clearance

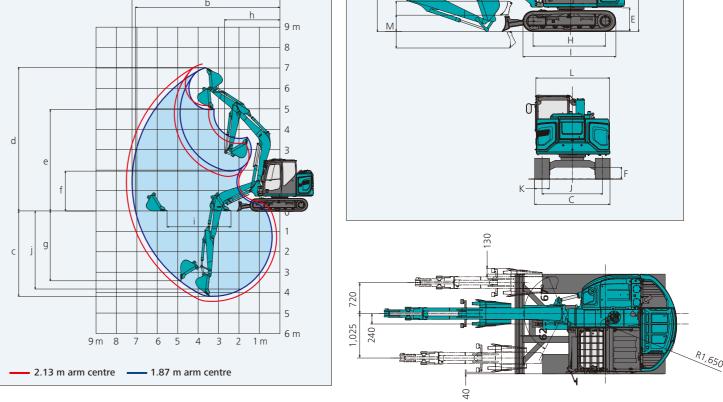
f- Min. dumping clearance

Horizontal digging stroke at ground level

Digging depth for 2.4 m (8') flat bottom

Bucket capacity ISO heaped m³

Digging force (ISO 6015)



Operating weight & ground pressure

In standard trim, with standard boom, 2.13 m arm, and 0.22 m³ ISO heaped bucket

Shaped		Triple grouser shoes (even height)	Rubber pad shoes	Rubber shoes	BS Geogrip shoes
Shoe width	mm	450			
Overall width of crawler	mm	2,300			
Ground pressure	kPa	44.4	46.0	43.5	44.6
Operating weight	kg	8,600	8,900	8,400	8,700

Unit: m

7.50

7.34

4.44

7.23

5.18

1.70

3.75

2.78

3.51

4.12

0.22

33.7 {3,440}

60.3 {6,150}

Unit: kN {kgf} 2.13 m

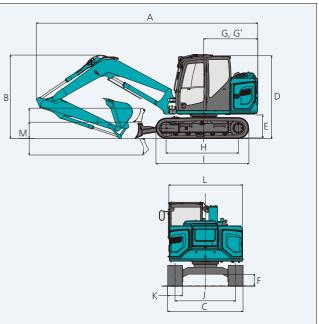


SK85MSR-7

Dimensions

Doom3.50 mrm length1.87 m2.13 mOverall length $6,730$ $6,750$ Overall height (to top of boom) $2,400$ $2,550$ Overall width $2,30^{++}$ Overall height (to top of cab) $2,70^{++}$ Ground clearance of rear end* 72^{-} Ground clearance* 35^{-} Tail swing radius (add on counter weight) $1,6^{-}$ Distance from centre of swing to rear end $1,6^{-}$ Tumbler distance $2,3^{-}$ Overall length of crawler $2,3^{-}$ Shoe width 45^{-} Overall width of upperstructure $2,3^{-}$ Dozer blade (up/down) $500(2^{-})/500^{-}$			Unit: mm	
Overall length 6,730 6,750 Overall height (to top of boom) 2,400 2,550 Overall width 2,300** 0 Overall height (to top of cab) 2,570 0 Ground clearance of rear end* 720 0 Ground clearance* 350 0 Tail swing radius (add on counter weight) 1,650 0 Distance from centre of swing to rear end 1,650 0 Tumbler distance 2,210 0 Overall length of crawler 2,830 1,850 Track gauge 1,850 5 Shoe width 450 0 Overall width of upperstructure 2,300 0	oom	3.50 m		
Overall height (to top of boom)2,4002,550Overall width2,300**Overall height (to top of cab)2,570Ground clearance of rear end*720Ground clearance*350Tail swing radius (add on counter weight)1,650Distance from centre of swing to rear end1,650Tumbler distance2,210Overall length of crawler2,830Track gauge1,850Shoe width450Overall width of upperstructure2,300	rm length	1.87 m 2.13 m		
Overall width2,300**Overall height (to top of cab)2,570Ground clearance of rear end*720Ground clearance*350Tail swing radius (add on counter weight)1,650Distance from centre of swing to rear end1,650Tumbler distance2,210Overall length of crawler2,830Track gauge1,850Shoe width450Overall width of upperstructure2,300	Overall length	6,730 6,750		
Overall height (to top of cab)2,570Ground clearance of rear end*720Ground clearance*350Tail swing radius (add on counter weight)1,650Distance from centre of swing to rear end1,650Tumbler distance2,210Overall length of crawler2,830Track gauge1,850Shoe width450Overall width of upperstructure2,300	Overall height (to top of boom)	2,400	2,550	
Ground clearance of rear end*720Ground clearance*350Tail swing radius (add on counter weight)1,650Distance from centre of swing to rear end1,650Tumbler distance2,210Overall length of crawler2,830Track gauge1,850Shoe width450Overall width of upperstructure2,300	Overall width	2,300**		
Ground clearance*350Tail swing radius (add on counter weight)1,650Distance from centre of swing to rear end1,650Tumbler distance2,210Overall length of crawler2,830Track gauge1,850Shoe width450Overall width of upperstructure2,300	Overall height (to top of cab)	2,570		
Tail swing radius (add on counter weight)1,650Distance from centre of swing to rear end1,650Tumbler distance2,210Overall length of crawler2,830Track gauge1,850Shoe width450Overall width of upperstructure2,300	Ground clearance of rear end*	720		
Distance from centre of swing to rear end 1,650 Tumbler distance 2,210 Overall length of crawler 2,830 Track gauge 1,850 Shoe width 450 Overall width of upperstructure 2,300	Ground clearance*	350		
Tumbler distance2,210Overall length of crawler2,830Track gauge1,850Shoe width450Overall width of upperstructure2,300	Tail swing radius (add on counter weight)	1,650		
Overall length of crawler2,830Track gauge1,850Shoe width450Overall width of upperstructure2,300	Distance from centre of swing to rear end	1,650		
Track gauge1,850Shoe width450Overall width of upperstructure2,300	Tumbler distance	2,210		
Shoe width 450 Overall width of upperstructure 2,300	Overall length of crawler	2,830		
Overall width of upperstructure 2,300	Track gauge	1,850		
	Shoe width	450		
Dozer blade (up/down) 500(29°)/500	Overall width of upperstructure	2,300		
	Dozer blade (up/down)	500(29°)/500		

*Wighout including height of shoe lug **450 mm shoe



Specifications

Two piece boom specifications

Working ranges

Boom	Two pie	ce boom
Range Arm	1.71 m	2.13 m
a- Max. digging reach	7.75	8.01
b- Max. digging reach at ground level	7.59	7.86
c- Max. digging depth	4.31	4.57
d- Max. digging height	7.92	8.16
e- Max. dumping clearance	5.84	6.09
f- Min. dumping clearance	1.09	0.825
g-Max. vertical wall digging depth	3.73	4.00
h-Min. swing radius	2.52	2.63
i- Horizontal digging stroke at ground level	4.48	5.00
j- Digging depth for 2.4 m (8') flat bottom	4.16	4.43
Bucket capacity ISO heaped m ³	0.28	0.22

Dimensions

Unit: m

			Unit: mm							
В	oom	Two pie	ce boom							
Α	rm length	1.71 m	2.13 m							
А	Overall length	7,220	7,230							
В	Overall height (to top of boom)	2,400	2,530							
С	Overall width of crawler	2,300								
D	Overall height (to top of cab)	2,5	70							
Е	Ground clearance of rear end*	720								
F	Ground clearance*	350								
G	Tail swing radius	1,6	50							
н	Tumbler distance	2,2	10							
Т	Overall length of crawler	2,8	30							
J	Track gauge	1,8	50							
к	Shoe width	4	50							
L	Overall width of upperstructure	e 2,300								
м	Dozer blade (up/down)	500(29°)/500**								

*Wighout including height of shoe lug **Long Stroke Dozer

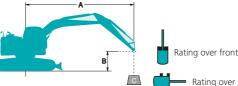
Unit: mm

9m876543210 2.13 m arm centre ____ 1.87 m arm centre

Digging force (ISO 6015)

		UTIL. KI
Arm length	1.87 m	2.13 m
Bucket digging force	60).3
Arm crowding force	37.1	33.7

Lifting capacities

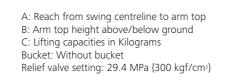


Shoe width

Ground pressure

Operating weight

Overall width of crawler



450

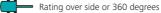
2,300

46.3

9,000

47.6 45.2

9,300 8,800



SK85M	SR	Arm: 2	Arm: 2.13 m Bucket: Without counterweight: 700 kg Shoe: 450 mm Dozer: Blade up														
A B		A 1.5 m		3.0 m		4.5	m	6.0	m	At max. reach							
					# —		# —		# —		# —	Radius					
6.0 m	kg									*1,460	*1,460	3.97 m					
4.5 m	kg					*1,860	1,670			*1,170	1,160	5.52 m					
3.0 m	kg					1,840	1,590	1,140	990	1,070	930	6.23 m					
1.5 m	kg					1,700	1,460	1,100	950	980	840	6.46 m					
G.L.	kg			2,950	2,420	1,600	1,360	1,060	910	1,000	860	6.26 m					
-1.5 m	kg	*3,420	*3,420	2,960	2,430	1,570	1,340			1,170	1,000	5.58 m					
-3.0 m	kg			*2,860	2,530					*1,800	1,580	4.12 m					

Operating weight & ground pressure

In standard trim, with two piece boom, 2.13 m arm, and 0.22 m³ ISO bucket

46.1

8,900

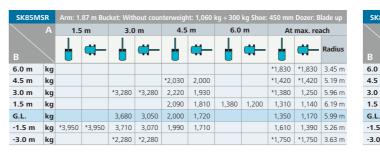
mm

kPa

kq

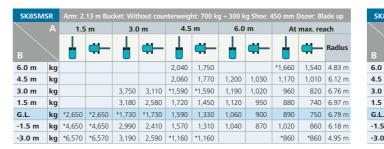
Mono boom specifications

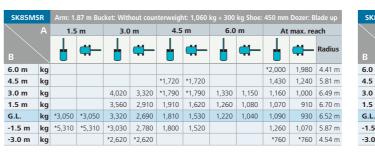
SK85M	SR	Arm: 2.13 m Bucket: Without counterweight: 700 kg + 300 kg Shoe: 450 mm Dozer: Blade up												SK85MSR Arm: 2.13 m Bucket: Without counterweight: 1,060 kg Shoe: 450 mm Dozer:								ozer: Bla	ade up		
\searrow	А	1.5	m	3.0) m	4.5	m	6.0	m	At	At max. reach		\searrow	А	1.5 m		3.0 m		4.5 m		6.0 m		At max. reach		ich
В			# —		# —		# —		# —		# —	Radius	В		Ľ	-		# —	L	-		# —		# —	Radius
6.0 m	kg									*1,460	*1,460	3.97 m	6.0 m	kg									*1,460	*1,460	3.97 m
4.5 m	kg					*1,860	1,830			*1,170	*1,170	5.52 m	4.5 m	kg					*1,860	1,850			*1,170	*1,170	5.52 m
3.0 m	kg					2,030	1,760	1,270	1,110	*1,130	1,040	6.23 m	3.0 m	kg					2,040	1,770	1,280	1,120	*1,130	1,050	6.23 m
1.5 m	kg					1,890	1,630	1,230	1,070	1,090	950	6.46 m	1.5 m	kg					1,900	1,640	1,240	1,080	1,100	960	6.46 m
G.L.	kg			3,300	2,710	1,790	1,530	1,190	1,030	1,120	970	6.26 m	G.L.	kg			3,320	2,730	1,800	1,540	1,200	1,040	1,130	980	6.26 m
-1.5 m	kg	*3,420	*3,420	3,300	2,720	1,760	1,500			1,310	1,130	5.58 m	-1.5 m	kg	*3,420	*3,420	3,330	2,740	1,770	1,520			1,320	1,140	5.58 m
-3.0 m	kg			*2,860	2,820					*1,800	1,770	4.12 m	-3.0 m	kg			*2,860	2,840					*1,800	1,780	4.12 m



Two piece boom specifications

SK85M	SR	Arm: 1.87 m Bucket: Without counterweight: 700 kg Shoe:450 mm Dozer: Blade up													SR	Arm: 2	.13 m B	ucket: V	Vithout	counter	weight:	700 kg s	5hoe:45) mm D	ozer: Bla	ade up	
\searrow	Α	1.5	m	3.0	m	4.5	m	6.0	m	At	At max. reach		max. reach		ich A		1.5 m		3.0 m		4.5 m		6.0 m		At max. reach		ach
В			#		¢ –		, -	ł	# —		¢ –	Radius				ł	-	L	¢ –	L	-		-	ł	-	Radius	
6.0 m	kg									1,890	1,620	4.41 m		6.0 m	kg					1,850	1,580			1,620	1,390	4.83 m	
4.5 m	kg					*1,720	1,590			1,150	990	5.81 m		4.5 m	kg					1,870	1,610	1,070	910	1,050	890	6.12 m	
3.0 m	kg			3,310	2,720	1,710	1,450	1,060	900	910	780	6.49 m		3.0 m	kg			3,410	2,820	1,730	1,470	1,060	900	840	710	6.76 m	
1.5 m	kg			2,850	2,300	1,520	1,280	990	840	830	700	6.70 m		1.5 m	kg			2,840	2,290	1,530	1,280	990	830	770	650	6.97 m	
G.L.	kg	*3,050	*3,050	2,610	2,080	1,420	1,180	950	790	840	710	6.52 m		G.L.	kg	*2,650	*2,650	*1,730	*1,730	1,400	1,160	930	780	780	650	6.79 m	
-1.5 m	kg	*5,310	*5,310	2,710	2,180	1,410	1,170			980	820	5.87 m		-1.5 m	kg	*4,650	*4,650	2,640	2,120	1,380	1,140	910	750	890	750	6.18 m	
-3.0 m	kg			*2,620	2,330					*760	*760	4.54 m		-3.0 m	kg	*6,570	*6,570	2,840	2,290	*1,160	*1,160			*860	*860	4.95 m	





Note

1. 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 2. 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. 3. Arm top defined as lift point.
- 4. The above lifting capacities are in compliance with ISO 10567. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Lifting capacities marked with an asterisk (*) are limited by hydraulic capacity
- rather than tipping load.
- 5. 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.
- 6. Lift capacities apply to only machine as originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.

Mono boom specifications

ach Radius
Padius
naulus
3.45 m
5.19 m
5.96 m
6.19 m
5.99 m
5.26 m
3.63 m



SK85MSR-

K85M	SR	Arm: 2.	Arm: 2.13 m Bucket: Without counterweight: 1,060 kg + 300 kg Shoe: 450 mm Dozer: Blade up														
	Α	1.5	m	3.0	m	4.5	m	6.0	m	At	max. rea	ach					
			# —		# —		# —	Ļ	# —		# —	Radius					
) m	kg									*1,460	*1,460	3.97 m					
5 m	kg					*1,860	*1,860			*1,170	*1,170	5.52 m					
) m	kg					*2,170	1,940	1,410	1,240	*1,130	*1,130	6.23 m					
5 m	kg					2,090	1,810	1,370	1,190	*1,200	1,070	6.46 m					
L.	kg			3,660	3,030	1,990	1,710	1,330	1,160	1,250	1,090	6.26 m					
5 m	kg	*3,420	*3,420	3,670	3,030	1,960	1,680			1,460	1,270	5.58 m					
0 m	kg			*2,860	*2,860					*1,800	*1,800	4.12 m					

	_																
K85M5	R	Arm: 2	Arm: 2.13 m Bucket: Without counterweight: 1,060 kg Shoe: 450 mm Dozer: Blade up														
	Α	1.5	m	3.0	m	4.5	m	6.0	m	At max. reach							
			#		#	Ļ	,		# —		#	Radius					
0 m	kg					2,050	1,760			*1,660	1,550	4.83 m					
5 m	kg					2,070	1,780	1,210	1,040	1,180	1,020	6.12 m					
0 m	kg			3,780	3,130	*1,590	*1,590	1,200	1,030	960	820	6.76 m					
5 m	kg			3,210	2,600	1,730	1,460	1,130	960	880	750	6.97 m					
L.	kg	*2,650	*2,650	*1,730	*1,730	1,600	1,340	1,070	900	900	760	6.79 m					
.5 m	kg	*4,650	*4,650	3,010	2,430	1,580	1,320	1,050	880	1,030	870	6.18 m					
.0 m	kg	*6,570	*6,570	3,210	2,610	*1,160	*1,160			*860	*860	4.95 m					

K85M	SR		Arm: 2.13 m Bucket: Without counterweight: 1,060 kg + 300 kg Shoe: 450 mm Dozer: Blade up														
	A		m	3.0 m		4.5	m	6.0	m	At max. reach							
		ŀ	#		#				-		#	Radius					
0 m	kg					*2,080	1,930			*1,660	*1,660	4.83 m					
5 m	kg					*2,150	1,950	1,340	1,160	1,310	1,130	6.12 m					
0 m	kg			*4,000	3,420	*1,590	*1,590	1,330	1,150	1,080	930	6.76 m					
5 m	kg			3,550	2,900	1,920	1,630	1,260	1,080	990	850	6.97 m					
L.	kg	*2,650	*2,650	*1,730	*1,730	1,790	1,510	1,200	1,020	1,010	860	6.79 m					
.5 m	kg	*4,650	*4,650	3,350	2,720	1,770	1,490	1,180	1,000	1,150	980	6.18 m					
.0 m	kg	*6,570	*6,570	*3,400	2,900	*1,160	*1,160			*860	*860	4.95 m					