

# KOBELCO

SK165SRLC-7

Performance  Design

## SK165SRLC

■ Bucket capacity:

0.45–0.50 m<sup>3</sup>

■ Engine power:

86 kW/2,200 min<sup>-1</sup>

■ Operating weight:

16,700–18,700 kg



*Legendary Reliability.*

# Performance Design

SK165SRLC of KOBELCO has realised a completely new value by harmonising PERFORMANCE and DESIGN.

Performance enhancements offer greater efficiency and productivity along with increased power and speed.

Design improvements provide the ultimate in comfort and control.

KOBELCO refuses to compromise, creating machines that meet every challenge.

## Exceptional power to get the job done

Two high performance travel motors deliver powerful tractive force for superior machine mobility. Climbing steep slopes with ease, the machine maintains excellent stability even on rough terrain. Turning maneuvers are executed with precision and fluidity.

### >>> Rated drawbar pull

# 195 kN

<Travel speed (1st)>

## Upgraded engine performance

Powered by an upgraded, eco-conscious engine designed to meet the high-performance demands on site.

### >>> Rated power output

# 86 kW / 2,200 min<sup>-1</sup>

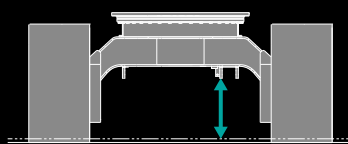
(ISO 14396 : without fan)

## Durable track frames

The track frame is designed for increased durability and reliability in tough environments, including mountain terrain. Three track guides per side come standard, giving you smooth and stable travel performance.

## High ground clearance

The lower frame and dozer blade are engineered to ensure high ground clearance. The blade exceeds the clearance of the frame, allowing the machine to avoid obstacles like tree stumps. At the same time, the overall height of the machine of just 3 meters guarantees ease of transport.



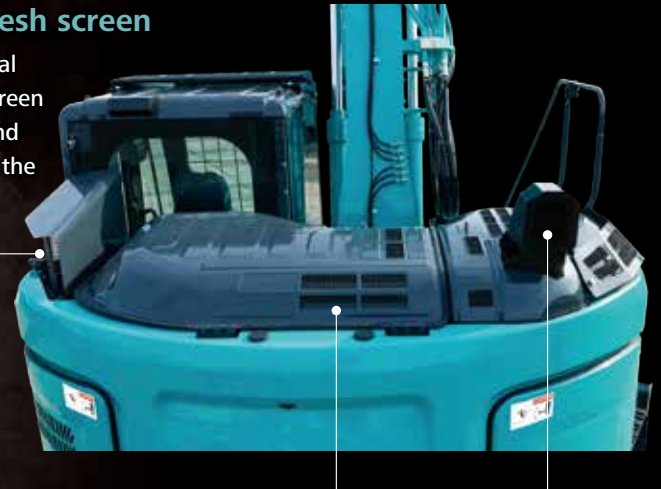
Ground clearance:  
**580/500 mm**  
(Without Dozer / With Dozer)



**630 mm**

## Covers with mesh screen

Equipped with special covers with mesh screen to prevent leaves and snow from entering the machine.



Air inlet cover (Option)



Engine hood



Exhaust pipe cover

## Special guards

Equipped with special guards to protect components from damage.



Boom and Arm piping guard (Option)



Right side guard (Option)



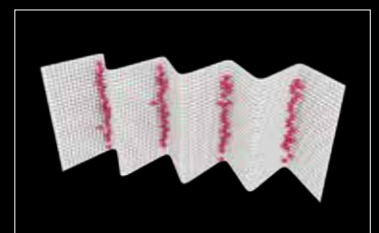
## Ultimate low noise

KOBELCO's exclusive iNDr Cooling System delivers amazingly quiet operation.

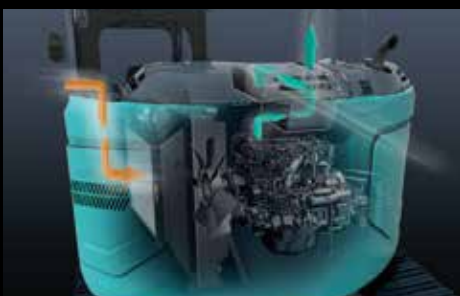
## iNDr Filter

A high-density mesh filter blocks dust intruding during air intake. This prevents the cooling device and the air cleaner from clogging with dust and maintains their performances.

The ridges of the corrugated filter allow the air to pass through, and the grooves collect the dust, which prevents the filter from clogging.



The iNDr filter has a high-density mesh of 30 lines per inch to collect dust.



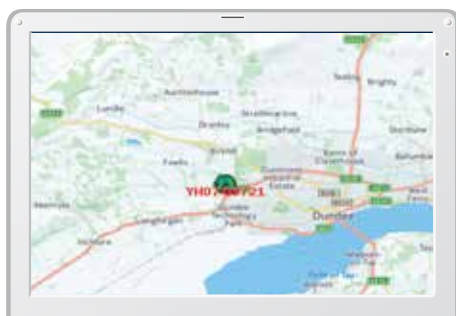
# Excavator Remote Monitoring System



## Direct Access to Operational Status

### Location Data

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



Latest location



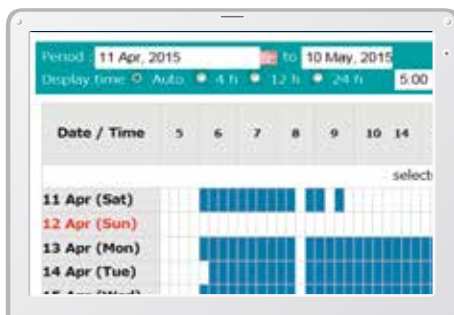
Location records



Work data

## 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.



Daily report

## Fuel Consumption Data

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

| Work mode    | Working Hrs   | Total Fuel Consumption |
|--------------|---------------|------------------------|
| H mode       | 2:06          | 24.5 L                 |
| S mode       | 0:00          | 0.0 L                  |
| E mode       | 169:19        | 1489.7 L               |
| <b>TOTAL</b> | <b>171:25</b> | <b>1514.2 L</b>        |

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.



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.

| Model                | Serial No. | Hour Meter | Engine Oil |
|----------------------|------------|------------|------------|
| SK135SRLC-3/SK140SRL | YH07-09721 | 734 Hr     | 434        |
| SK135SRLC-3/SK140SRL | YH07-09789 | 73 Hr      | 429        |
| SK210LC-9            | YQ13-10454 | 960 Hr     | 58         |
| SK210LC-9            | YQ13-10481 | 549 Hr     | 498        |
| SK75SR-              | YT08-30374 |            |            |

Maintenance

### Warning Alerts

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

## 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.



Alarm messages can be received on mobile device.

## Daily/Monthly Reports

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

## Security System

### Engine Start Alarm

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

Engine start alarm outside prescribed work time

### Area Alarm

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

Alarm for outside of reset area

# Specifications



## Engine

| Model              | ISUZU MOTORS LIMITED 4JJ1XDRAC-01                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
| Type               | Four-cycle, water-cooled, direct injection diesel engine, turbo charged, Tier 4 Final exhaust emission regulation |
| No. of cylinders   | 4                                                                                                                 |
| Bore and stroke    | 95.4 mm × 104.9 mm                                                                                                |
| Displacement       | 2.999 L                                                                                                           |
| Rated power output | 78.6 kW/2,200 min <sup>-1</sup> (ISO 9249: with fan)<br>86 kW/2,200 min <sup>-1</sup> (ISO 14396: without fan)    |
| Max. torque        | 354 N·m/1,800 min <sup>-1</sup> (ISO 9249: with fan)<br>375 N·m/1,800 min <sup>-1</sup> (ISO 14396: without fan)  |



## Hydraulic system

| Pump                 |                                                                                  |
|----------------------|----------------------------------------------------------------------------------|
| Type                 | Two variable displacement axial piston pumps + extra gear pump + pilot gear pump |
| Max. discharge flow  | 2 × 142 L/min<br>1 × 66 L/min<br>1 × 22 L/min                                    |
| Relief valve setting |                                                                                  |
| Boom, arm and bucket | 34.3 MPa                                                                         |
| Travel circuit       | 34.3 MPa                                                                         |
| Swing circuit        | 28.0 MPa                                                                         |
| Control circuit      | 5.0 MPa                                                                          |
| 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   | 11.0 min <sup>-1</sup>                                                                   |
| Swing torque  | 40.4 kN·m                                                                                |



## Attachments

Backhoe bucket and combination

| Use             |                     |                | Backhoe bucket |       |
|-----------------|---------------------|----------------|----------------|-------|
|                 |                     |                | Normal digging |       |
| Bucket capacity | ISO heaped          | m <sup>3</sup> | 0.45           | 0.50  |
|                 | Struck              | m <sup>3</sup> | 0.35           | 0.37  |
| Opening width   | With side cutter    | mm             | 910            | 1,000 |
|                 | Without side cutter | mm             | 860            | 940   |
| No. of teeth    |                     |                | 4              | 5     |
| Bucket weight   |                     |                | 360            | 390   |
| Combination     | 2.38 m arm          |                | ○              | ◎     |
|                 | 2.84 m arm          |                | ◎              | ×     |

◎ Standard ○ Recommended × 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       | 42 each side                      |
| Travel speed       | 4.7/2.4 km/h                      |
| Rated drawbar pull | 195 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                                                                                                |



## Cylinders

bore × stroke

| Boom cylinders  | 100 mm × 1,092 mm |
|-----------------|-------------------|
| Arm cylinder    | 115 mm × 1,116 mm |
| Bucket cylinder | 100 mm × 903 mm   |
| Dozer cylinders | 110 mm × 220 mm   |



## Refilling capacities & lubrications

| Fuel tank             | 186 L                                                         |
|-----------------------|---------------------------------------------------------------|
| Cooling system        | 17 L                                                          |
| Engine oil            | 17 L                                                          |
| Travel reduction gear | 2 × 4.5 L                                                     |
| Swing reduction gear  | 1.65 L                                                        |
| Hydraulic oil tank    | 89.9 L tank oil level                                         |
|                       | 176 L (without dozer)/<br>182 L (with dozer) hydraulic system |
| DEF/Urea tank         | 26.0 L                                                        |



## Working ranges

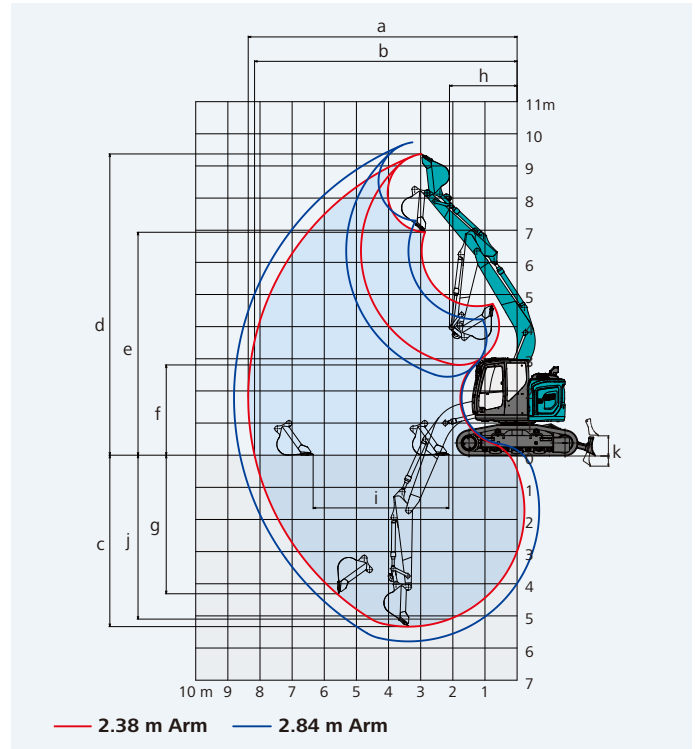
Unit: mm

| Boom                                         | 4.68 m    |        |
|----------------------------------------------|-----------|--------|
| Arm                                          | 2.38 m    | 2.84 m |
| Range                                        |           |        |
| a- Max. digging reach                        | 8,370     | 8,810  |
| b- Max. digging reach at ground level        | 8,170     | 8,660  |
| c- Max. digging depth                        | 5,330     | 5,790  |
| d- Max. digging height                       | 9,370     | 9,730  |
| e- Max. dumping clearance                    | 6,940     | 7,300  |
| f- Min. dumping clearance                    | 2,810     | 2,440  |
| g- Max. vertical wall digging depth          | 4,310     | 4,760  |
| h- Min. swing radius                         | 2,130     | 2,520  |
| i- Horizontal digging stroke at ground level | 4,220     | 4,710  |
| j- Digging depth for 2.4 m (8') flat bottom  | 5,100     | 5,600  |
| k- Dozer blade (up/down)                     | 630 / 315 |        |
| Bucket capacity ISO heaped m <sup>3</sup>    | 0.50      | 0.45   |

## Digging force (ISO 6015)

Unit: kN

| Arm length           | 2.38 m | 2.84 m |
|----------------------|--------|--------|
| Bucket digging force | 105.4  |        |
| Arm crowding force   | 64.0   | 58.0   |



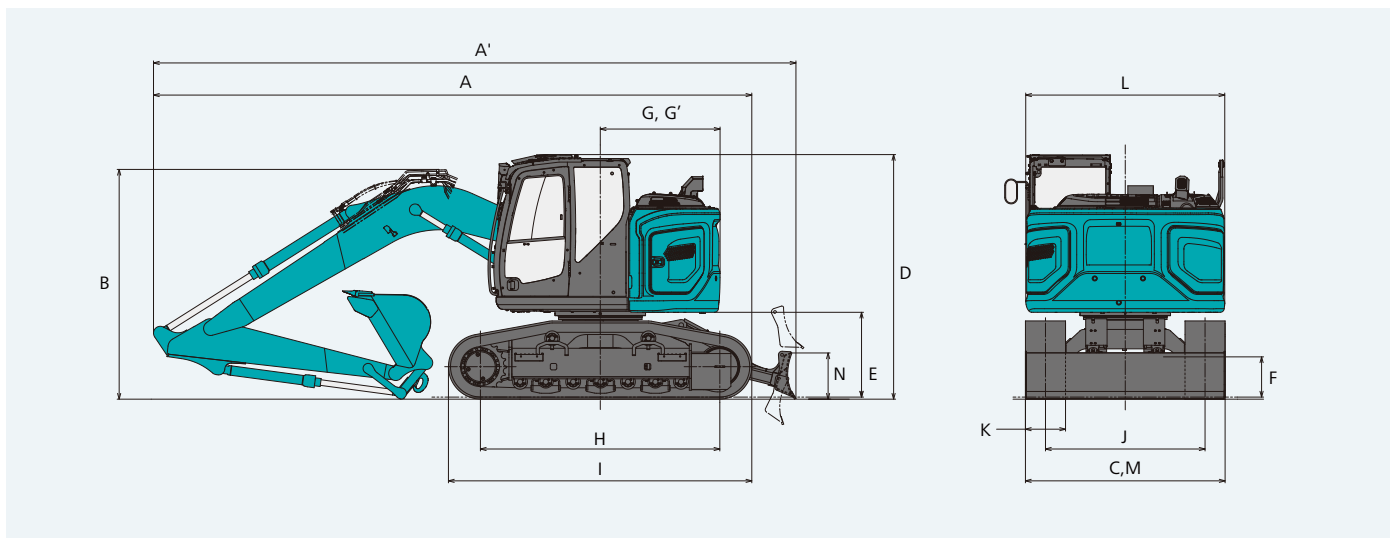
## Dimensions

Unit: mm

| Arm length                                     | 2.38 m                   | 2.84 m |
|------------------------------------------------|--------------------------|--------|
| A Overall length (without dozer)               | 7,460                    |        |
| A' Overall length (with dozer)                 | 8,010                    |        |
| B Overall height (to top of boom)              | 3,050                    | 2,780  |
| C Overall width (700 mm)                       | 2,690                    |        |
| D Overall height (to top of cab)               | 3,050                    |        |
| E Ground clearance of rear end*                | 1,040                    |        |
| F Ground clearance* {with dozer}               | 580 {500}                |        |
| G Tail swing radius {additional counterweight} | 1,490 {1,600**/1,670***} |        |

|    |                                                                      |                          |
|----|----------------------------------------------------------------------|--------------------------|
| G' | Distance from centre of swing to rear end {additional counterweight} | 1,490 {1,600**/1,670***} |
| H  | Tumbler distance                                                     | 2,990                    |
| I  | Overall length of crawler                                            | 3,780                    |
| J  | Track gauge                                                          | 1,990                    |
| K  | Shoe width                                                           | 700                      |
| L  | Overall width of upperstructure                                      | 2,480                    |
| M  | Blade width                                                          | 2,590                    |
| N  | Blade height                                                         | 575                      |

\*Without including height of shoe lug  
 \*\*+580 kg additional C/W \*\*\*+1,000 kg additional C/W



# Operating weight and ground pressure

Boom: 4.68 m, Arm: 2.38 m, Bucket: 0.50 m<sup>3</sup>, ISO heaped bucket, Dozer: with, Counterweight: STD

| Shaped                   |     | HD shoes |        |        |
|--------------------------|-----|----------|--------|--------|
| Shoe width               | mm  | 500      | 600    | 700    |
| Dozer width              | mm  | 2,490    | 2,590  | 2,590  |
| Overall width of crawler | mm  | 2,490    | 2,590  | 2,690  |
| Ground pressure          | kPa | 56.0     | 47.4   | 41.2   |
| Operating weight         | kg  | 17,600   | 17,900 | 18,100 |

Boom: 4.68 m, Arm: 2.38 m, Bucket: 0.50 m<sup>3</sup>, ISO heaped bucket, Dozer: with, Counterweight: STD + 580 kg

| Shaped                   |     | HD shoes |        |        |
|--------------------------|-----|----------|--------|--------|
| Shoe width               | mm  | 500      | 600    | 700    |
| Dozer width              | mm  | 2,490    | 2,590  | 2,590  |
| Overall width of crawler | mm  | 2,490    | 2,590  | 2,690  |
| Ground pressure          | kPa | 57.9     | 49.0   | 42.6   |
| Operating weight         | kg  | 18,200   | 18,500 | 18,700 |

Boom: 4.68 m, Arm: 2.38 m, Bucket: 0.50 m<sup>3</sup>, ISO heaped bucket, Dozer: without, Counterweight: STD

| Shaped                   |     | HD shoes |        |        |        |
|--------------------------|-----|----------|--------|--------|--------|
| Shoe width               | mm  | 500      | 600    | 700    | 800    |
| Overall width of crawler | mm  | 2,490    | 2,590  | 2,690  | 2,790  |
| Ground pressure          | kPa | 53.3     | 45.1   | 39.3   | 34.8   |
| Operating weight         | kg  | 16,700   | 17,000 | 17,300 | 17,500 |

Boom: 4.68 m, Arm: 2.38 m, Bucket: 0.50 m<sup>3</sup>, ISO heaped bucket, Dozer: without, Counterweight: STD + 580 kg

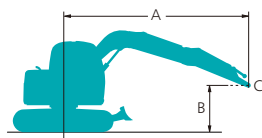
| Shaped                   |     | HD shoes |        |        |        |
|--------------------------|-----|----------|--------|--------|--------|
| Shoe width               | mm  | 500      | 600    | 700    | 800    |
| Overall width of crawler | mm  | 2,490    | 2,590  | 2,690  | 2,790  |
| Ground pressure          | kPa | 55.2     | 46.7   | 40.6   | 36.0   |
| Operating weight         | kg  | 17,300   | 17,600 | 17,800 | 18,100 |

Boom: 4.68 m, Arm: 2.38 m, Bucket: 0.50 m<sup>3</sup>, ISO heaped bucket, Dozer: without, Counterweight: STD + 1,000 kg

| Shaped                   |     | HD shoes |        |        |        |
|--------------------------|-----|----------|--------|--------|--------|
| Shoe width               | mm  | 500      | 600    | 700    | 800    |
| Overall width of crawler | mm  | 2,490    | 2,590  | 2,690  | 2,790  |
| Ground pressure          | kPa | 56.5     | 47.8   | 41.5   | 36.8   |
| Operating weight         | kg  | 17,700   | 18,000 | 18,300 | 18,500 |

# Lift capacities

**SK165SR<sub>LC</sub>**  
SK165SR<sub>LC</sub>-7



Rating over front



Rating over side or 360 degrees

A - Reach from swing centreline to arm top

B - Arm top height above/below ground

C - Lift point

Relief valve setting: 34.3 MPa

| SK165SRLC |    | Boom: 4.68 m, Arm: 2.38 m, Bucket: 0.50 m³, Counterweight: 3,150 kg, Shoe: 700 mm, Dozer: without |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |        |
|-----------|----|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
| A \ B     |    | 1.5 m                                                                                             |                                                                                   | 3.0 m                                                                             |                                                                                   | 4.5 m                                                                             |                                                                                   | 6.0 m                                                                               |                                                                                     | At max. reach                                                                       |                                                                                     |        |
|           |    |                  |  |  |  |  |  |  |  |  |  | Radius |
| 7.5m      | kg |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *2,120                                                                              | *2,120                                                                              | 4.10 m |
| 6.0m      | kg |                                                                                                   |                                                                                   |                                                                                   |                                                                                   | *3,360                                                                            | *3,360                                                                            |                                                                                     |                                                                                     | *1,730                                                                              | *1,730                                                                              | 5.70 m |
| 4.5m      | kg |                                                                                                   |                                                                                   | *4,480                                                                            | *4,480                                                                            | *3,730                                                                            | *3,730                                                                            | *3,380                                                                              | 2,590                                                                               | *1,620                                                                              | *1,620                                                                              | 6.58 m |
| 3.0m      | kg |                                                                                                   |                                                                                   | *6,890                                                                            | *6,890                                                                            | *4,530                                                                            | 3,850                                                                             | *3,650                                                                              | 2,500                                                                               | *1,630                                                                              | *1,630                                                                              | 7.03 m |
| 1.5m      | kg |                                                                                                   |                                                                                   | *4,970                                                                            | *4,970                                                                            | *5,320                                                                            | 3,590                                                                             | 3,870                                                                               | 2,390                                                                               | *1,740                                                                              | *1,740                                                                              | 7.13 m |
| G.L.      | kg |                                                                                                   |                                                                                   | *6,320                                                                            | 6,230                                                                             | *5,660                                                                            | 3,430                                                                             | 3,790                                                                               | 2,310                                                                               | *1,980                                                                              | 1,910                                                                               | 6.90 m |
| -1.5m     | kg | *5,690                                                                                            | *5,690                                                                            | *7,910                                                                            | 6,260                                                                             | *5,380                                                                            | 3,390                                                                             | 3,770                                                                               | 2,300                                                                               | *2,490                                                                              | 2,160                                                                               | 6.29 m |
| -3.0m     | kg | *9,350                                                                                            | *9,350                                                                            | *6,150                                                                            | *6,150                                                                            | *4,220                                                                            | 3,470                                                                             |                                                                                     |                                                                                     | *3,320                                                                              | 2,880                                                                               | 5.18 m |

| SK165SRLC |    | Boom: 4.68 m, Arm: 2.38 m, Bucket: 0.50 m³, Counterweight: 3,150 kg + 580 kg, Shoe: 700 mm, Dozer: without |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |        |
|-----------|----|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
| A \ B     |    | 1.5 m                                                                                                      |                                                                                   | 3.0 m                                                                             |                                                                                   | 4.5 m                                                                             |                                                                                   | 6.0 m                                                                               |                                                                                     | At max. reach                                                                       |                                                                                     |        |
|           |    |                           |  |  |  |  |  |  |  |  |  | Radius |
| 7.5m      | kg |                                                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     | *2,120                                                                              | *2,120                                                                              | 4.10 m |
| 6.0m      | kg |                                                                                                            |                                                                                   |                                                                                   |                                                                                   | *3,360                                                                            | *3,360                                                                            |                                                                                     |                                                                                     | *1,730                                                                              | *1,730                                                                              | 5.70 m |
| 4.5m      | kg |                                                                                                            |                                                                                   | *4,480                                                                            | *4,480                                                                            | *3,730                                                                            | *3,730                                                                            | *3,380                                                                              | 2,820                                                                               | *1,620                                                                              | *1,620                                                                              | 6.58 m |
| 3.0m      | kg |                                                                                                            |                                                                                   | *6,890                                                                            | *6,890                                                                            | *4,530                                                                            | 4,180                                                                             | *3,650                                                                              | 2,730                                                                               | *1,630                                                                              | *1,630                                                                              | 7.03 m |
| 1.5m      | kg |                                                                                                            |                                                                                   | *4,970                                                                            | *4,970                                                                            | *5,320                                                                            | 3,910                                                                             | *3,970                                                                              | 2,620                                                                               | *1,740                                                                              | *1,740                                                                              | 7.13 m |
| G.L.      | kg |                                                                                                            |                                                                                   | *6,320                                                                            | *6,320                                                                            | *5,660                                                                            | 3,760                                                                             | 4,080                                                                               | 2,540                                                                               | *1,980                                                                              | *1,980                                                                              | 6.90 m |
| -1.5m     | kg | *5,690                                                                                                     | *5,690                                                                            | *7,910                                                                            | 6,840                                                                             | *5,380                                                                            | 3,720                                                                             | *3,790                                                                              | 2,520                                                                               | *2,490                                                                              | 2,380                                                                               | 6.29 m |
| -3.0m     | kg | *9,350                                                                                                     | *9,350                                                                            | *6,150                                                                            | *6,150                                                                            | *4,220                                                                            | 3,800                                                                             |                                                                                     |                                                                                     | *3,320                                                                              | 3,160                                                                               | 5.18 m |

| SK165SRLC |    | Boom: 4.68 m, Arm: 2.38 m, Bucket: 0.50 m³, Counterweight: 3,150 kg + 1,000 kg, Shoe: 700 mm, Dozer: without |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |        |
|-----------|----|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|
| A \ B     |    | 1.5 m                                                                                                        |                                                                                     | 3.0 m                                                                               |                                                                                     | 4.5 m                                                                               |                                                                                     | 6.0 m                                                                                 |                                                                                       | At max. reach                                                                         |                                                                                       |        |
|           |    |                           |  |  |  |  |  |  |  |  |  | Radius |
| 7.5m      | kg |                                                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       | *2,120                                                                                | *2,120                                                                                | 4.10 m |
| 6.0m      | kg |                                                                                                              |                                                                                     |                                                                                     |                                                                                     | *3,360                                                                              | *3,360                                                                              |                                                                                       |                                                                                       | *1,730                                                                                | *1,730                                                                                | 5.70 m |
| 4.5m      | kg |                                                                                                              |                                                                                     | *4,480                                                                              | *4,480                                                                              | *3,730                                                                              | *3,730                                                                              | *3,380                                                                                | 2,980                                                                                 | *1,620                                                                                | *1,620                                                                                | 6.58 m |
| 3.0m      | kg |                                                                                                              |                                                                                     | *6,890                                                                              | *6,890                                                                              | *4,530                                                                              | 4,410                                                                               | *3,650                                                                                | 2,890                                                                                 | *1,630                                                                                | *1,630                                                                                | 7.03 m |
| 1.5m      | kg |                                                                                                              |                                                                                     | *4,970                                                                              | *4,970                                                                              | *5,320                                                                              | 4,150                                                                               | *3,970                                                                                | 2,780                                                                                 | *1,740                                                                                | *1,740                                                                                | 7.13 m |
| G.L.      | kg |                                                                                                              |                                                                                     | *6,320                                                                              | *6,320                                                                              | *5,660                                                                              | 3,990                                                                               | *4,110                                                                                | 2,700                                                                                 | *1,980                                                                                | *1,980                                                                                | 6.90 m |
| -1.5m     | kg | *5,690                                                                                                       | *5,690                                                                              | *7,910                                                                              | 7,270                                                                               | *5,380                                                                              | 3,960                                                                               | *3,790                                                                                | 2,690                                                                                 | *2,490                                                                                | *2,490                                                                                | 6.29 m |
| -3.0m     | kg | *9,350                                                                                                       | *9,350                                                                              | *6,150                                                                              | *6,150                                                                              | *4,220                                                                              | 4,040                                                                               |                                                                                       |                                                                                       | *3,320                                                                                | *3,320                                                                                | 5.18 m |

| SK165SRLC |    | Boom: 4.68 m, Arm: 2.38 m, Bucket: 0.50 m³, Counterweight: 3,150 kg, Shoe: 700 mm, Dozer: blade up |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |        |
|-----------|----|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|
| A \ B     |    | 1.5 m                                                                                              |                                                                                     | 3.0 m                                                                               |                                                                                     | 4.5 m                                                                               |                                                                                     | 6.0 m                                                                                 |                                                                                       | At max. reach                                                                         |                                                                                       |        |
|           |    |                 |  |  |  |  |  |  |  |  |  | Radius |
| 7.5m      | kg |                                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       | *2,120                                                                                | *2,120                                                                                | 4.10 m |
| 6.0m      | kg |                                                                                                    |                                                                                     |                                                                                     |                                                                                     | *3,360                                                                              | *3,360                                                                              |                                                                                       |                                                                                       | *1,730                                                                                | *1,730                                                                                | 5.70 m |
| 4.5m      | kg |                                                                                                    |                                                                                     | *4,480                                                                              | *4,480                                                                              | *3,730                                                                              | *3,730                                                                              | *3,380                                                                                | 2,740                                                                                 | *1,620                                                                                | *1,620                                                                                | 6.58 m |
| 3.0m      | kg |                                                                                                    |                                                                                     | *6,890                                                                              | *6,890                                                                              | *4,530                                                                              | 4,060                                                                               | *3,650                                                                                | 2,650                                                                                 | *1,630                                                                                | *1,630                                                                                | 7.03 m |
| 1.5m      | kg |                                                                                                    |                                                                                     | *4,970                                                                              | *4,970                                                                              | *5,320                                                                              | 3,800                                                                               | 3,850                                                                                 | 2,530                                                                                 | *1,740                                                                                | *1,740                                                                                | 7.13 m |
| G.L.      | kg |                                                                                                    |                                                                                     | *6,320                                                                              | *6,320                                                                              | *5,660                                                                              | 3,640                                                                               | 3,770                                                                                 | 2,460                                                                                 | *1,980                                                                                | *1,980                                                                                | 6.90 m |
| -1.5m     | kg | *5,690                                                                                             | *5,690                                                                              | *7,910                                                                              | 6,640                                                                               | *5,380                                                                              | 3,600                                                                               | 3,750                                                                                 | 2,440                                                                                 | *2,490                                                                                | 2,300                                                                                 | 6.29 m |
| -3.0m     | kg | *9,350                                                                                             | *9,350                                                                              | *6,150                                                                              | 6,150                                                                               | *4,220                                                                              | 3,680                                                                               |                                                                                       |                                                                                       | *3,320                                                                                | 3,060                                                                                 | 5.18 m |

| SK165SRLC |    | Boom: 4.68 m, Arm: 2.38 m, Bucket: 0.50 m³, Counterweight: 3,150 kg + 580 kg, Shoe: 700 mm, Dozer: blade up |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |        |
|-----------|----|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|
| A \ B     |    | 1.5 m                                                                                                       |                                                                                     | 3.0 m                                                                               |                                                                                     | 4.5 m                                                                               |                                                                                     | 6.0 m                                                                                 |                                                                                       | At max. reach                                                                         |                                                                                       |        |
|           |    |                          |  |  |  |  |  |  |  |  |  | Radius |
| 7.5m      | kg |                                                                                                             |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       | *2,120                                                                                | *2,120                                                                                | 4.10 m |
| 6.0m      | kg |                                                                                                             |                                                                                     |                                                                                     |                                                                                     | *3,360                                                                              | *3,360                                                                              |                                                                                       |                                                                                       | *1,730                                                                                | *1,730                                                                                | 5.70 m |
| 4.5m      | kg |                                                                                                             |                                                                                     | *4,480                                                                              | *4,480                                                                              | *3,730                                                                              | *3,730                                                                              | *3,380                                                                                | 2,960                                                                                 | *1,620                                                                                | *1,620                                                                                | 6.58 m |
| 3.0m      | kg |                                                                                                             |                                                                                     | *6,890                                                                              | *6,890                                                                              | *4,530                                                                              | 4,380                                                                               | *3,650                                                                                | 2,870                                                                                 | *1,630                                                                                | *1,630                                                                                | 7.03 m |
| 1.5m      | kg |                                                                                                             |                                                                                     | *4,970                                                                              | *4,970                                                                              | *5,320                                                                              | 4,120                                                                               | *3,970                                                                                | 2,760                                                                                 | *1,740                                                                                | *1,740                                                                                | 7.13 m |
| G.L.      | kg |                                                                                                             |                                                                                     | *6,320                                                                              | *6,320                                                                              | *5,660                                                                              | 3,970                                                                               | 4,050                                                                                 | 2,680                                                                                 | *1,980                                                                                | *1,980                                                                                | 6.90 m |
| -1.5m     | kg | *5,690                                                                                                      | *5,690                                                                              | *7,910                                                                              | 7,220                                                                               | *5,380                                                                              | 3,930                                                                               | *3,790                                                                                | 2,670                                                                                 | *2,490                                                                                | *2,490                                                                                | 6.29 m |
| -3.0m     | kg | *9,350                                                                                                      | *9,350                                                                              | *6,150                                                                              | *6,150                                                                              | *4,220                                                                              | 4,010                                                                               |                                                                                       |                                                                                       | *3,320                                                                                | *3,320                                                                                | 5.18 m |

# Lift capacities

| SK165SRLC |    | Boom: 4.68 m, Arm: 2.84 m, Bucket: 0.45 m³, Counterweight: 3,150 kg, Shoe: 700 mm, Dozer: without |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |        |
|-----------|----|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
| A         | B  | 1.5 m                                                                                             |                                                                                   | 3.0 m                                                                             |                                                                                   | 4.5 m                                                                             |                                                                                   | 6.0 m                                                                             |                                                                                    | 7.5 m                                                                               |                                                                                     | At max. reach                                                                       |                                                                                     |        |
|           |    |                  |  |  |  |  |  |  |  |  |  |  |  | Radius |
| 7.5m      | kg |                                                                                                   |                                                                                   |                                                                                   |                                                                                   | *2,700                                                                            | *2,700                                                                            |                                                                                   |                                                                                    |                                                                                     |                                                                                     | *1,940                                                                              | *1,940                                                                              | 4.85 m |
| 6.0m      | kg |                                                                                                   |                                                                                   |                                                                                   |                                                                                   | *2,940                                                                            | *2,940                                                                            | *2,370                                                                            | *2,370                                                                             |                                                                                     |                                                                                     | *1,650                                                                              | *1,650                                                                              | 6.25 m |
| 4.5m      | kg |                                                                                                   |                                                                                   |                                                                                   |                                                                                   | *3,330                                                                            | *3,330                                                                            | *3,100                                                                            | 2,620                                                                              |                                                                                     |                                                                                     | *1,550                                                                              | *1,550                                                                              | 7.06 m |
| 3.0m      | kg |                                                                                                   |                                                                                   | *6,000                                                                            | *6,000                                                                            | *4,160                                                                            | 3,910                                                                             | *3,430                                                                            | 2,520                                                                              |                                                                                     |                                                                                     | *1,560                                                                              | *1,560                                                                              | 7.48 m |
| 1.5m      | kg |                                                                                                   |                                                                                   | *6,940                                                                            | 6,530                                                                             | *5,060                                                                            | 3,620                                                                             | *3,810                                                                            | 2,390                                                                              | *2,050                                                                              | 1,700                                                                               | *1,650                                                                              | *1,650                                                                              | 7.57 m |
| G.L.      | kg |                                                                                                   |                                                                                   | *6,360                                                                            | 6,210                                                                             | *5,570                                                                            | 3,420                                                                             | 3,770                                                                             | 2,290                                                                              |                                                                                     |                                                                                     | *1,850                                                                              | 1,720                                                                               | 7.35 m |
| -1.5m     | kg | *4,860                                                                                            | *4,860                                                                            | *8,310                                                                            | 6,180                                                                             | *5,490                                                                            | 3,350                                                                             | 3,730                                                                             | 2,250                                                                              |                                                                                     |                                                                                     | *2,250                                                                              | 1,910                                                                               | 6.79 m |
| -3.0m     | kg | *8,070                                                                                            | *8,070                                                                            | *6,870                                                                            | 6,290                                                                             | *4,670                                                                            | 3,390                                                                             |                                                                                   |                                                                                    |                                                                                     |                                                                                     | *3,180                                                                              | 2,420                                                                               | 5.78 m |
| -4.5m     | kg |                                                                                                   |                                                                                   | *3,800                                                                            | *3,800                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     | *2,610                                                                              | *2,610                                                                              | 3.97 m |

| SK165SRLC |    | Boom: 4.68 m, Arm: 2.84 m, Bucket: 0.45 m³, Counterweight: 3,150 kg + 580 kg, Shoe: 700 mm, Dozer: without |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |        |
|-----------|----|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|
|           |    | A                                                                                                          | 1.5 m                                                                             |                                                                                   | 3.0 m                                                                             |                                                                                   | 4.5 m                                                                             |                                                                                   | 6.0 m                                                                             |                                                                                    | 7.5 m                                                                               |                                                                                     | At max. reach                                                                       |                                                                                     |        |
|           |    |                                                                                                            |  |  |  |  |  |  |  |  |  |  |  |  | Radius |
| B         |    |                                                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |        |
| 7.5m      | kg |                                                                                                            |                                                                                   |                                                                                   |                                                                                   | *2,700                                                                            | *2,700                                                                            |                                                                                   |                                                                                   |                                                                                    |                                                                                     | *1,940                                                                              | *1,940                                                                              | 4.85 m                                                                              |        |
| 6.0m      | kg |                                                                                                            |                                                                                   |                                                                                   |                                                                                   | *2,940                                                                            | *2,940                                                                            | *2,370                                                                            | *2,370                                                                            |                                                                                    |                                                                                     | *1,650                                                                              | *1,650                                                                              | 6.25 m                                                                              |        |
| 4.5m      | kg |                                                                                                            |                                                                                   |                                                                                   |                                                                                   | *3,330                                                                            | *3,330                                                                            | *3,100                                                                            | 2,850                                                                             |                                                                                    |                                                                                     | *1,550                                                                              | *1,550                                                                              | 7.06 m                                                                              |        |
| 3.0m      | kg |                                                                                                            |                                                                                   | *6,000                                                                            | *6,000                                                                            | *4,160                                                                            | *4,160                                                                            | *3,430                                                                            | 2,750                                                                             |                                                                                    |                                                                                     | *1,560                                                                              | *1,560                                                                              | 7.48 m                                                                              |        |
| 1.5m      | kg |                                                                                                            |                                                                                   | *6,940                                                                            | *6,940                                                                            | *5,060                                                                            | 3,940                                                                             | *3,810                                                                            | 2,620                                                                             | *2,050                                                                             | 1,880                                                                               | *1,650                                                                              | *1,650                                                                              | 7.57 m                                                                              |        |
| G.L.      | kg |                                                                                                            |                                                                                   | *6,360                                                                            | *6,360                                                                            | *5,570                                                                            | 3,750                                                                             | *4,050                                                                            | 2,520                                                                             |                                                                                    |                                                                                     | *1,850                                                                              | *1,850                                                                              | 7.35 m                                                                              |        |
| -1.5m     | kg | *4,860                                                                                                     | *4,860                                                                            | *8,310                                                                            | 6,760                                                                             | *5,490                                                                            | 3,680                                                                             | *3,930                                                                            | 2,480                                                                             |                                                                                    |                                                                                     | *2,250                                                                              | 2,110                                                                               | 6.79 m                                                                              |        |
| -3.0m     | kg | *8,070                                                                                                     | *8,070                                                                            | *6,870                                                                            | *6,870                                                                            | *4,670                                                                            | 3,720                                                                             |                                                                                   |                                                                                   |                                                                                    |                                                                                     | *3,180                                                                              | 2,660                                                                               | 5.78 m                                                                              |        |
| -4.5m     | kg |                                                                                                            |                                                                                   | *3,800                                                                            | *3,800                                                                            |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     | *2,610                                                                              | *2,610                                                                              | 3.97 m                                                                              |        |

| SK165SRLC |    | Boom: 4.68 m, Arm: 2.84 m, Bucket: 0.45 m³, Counterweight: 3,150 kg + 1,000 kg, Shoe: 700 mm, Dozer: without |                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                      |                                                                                      |                                                                                      |        |
|-----------|----|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------|
| B         | A  | 1.5 m                                                                                                        |                                                                                    | 3.0 m                                                                              |                                                                                    | 4.5 m                                                                              |                                                                                    | 6.0 m                                                                              |                                                                                     | 7.5 m                                                                                |                                                                                      | At max. reach                                                                        |                                                                                      |        |
|           |    |                            |  |  |  |  |  |  |  |  |  |  |  | Radius |
| 7.5m      | kg |                                                                                                              |                                                                                    |                                                                                    |                                                                                    | *2,700                                                                             | *2,700                                                                             |                                                                                    |                                                                                     |                                                                                      |                                                                                      | *1,940                                                                               | *1,940                                                                               | 4.85 m |
| 6.0m      | kg |                                                                                                              |                                                                                    |                                                                                    |                                                                                    | *2,940                                                                             | *2,940                                                                             | *2,370                                                                             | *2,370                                                                              |                                                                                      |                                                                                      | *1,650                                                                               | *1,650                                                                               | 6.25 m |
| 4.5m      | kg |                                                                                                              |                                                                                    |                                                                                    |                                                                                    | *3,330                                                                             | *3,330                                                                             | *3,100                                                                             | 3,020                                                                               |                                                                                      |                                                                                      | *1,550                                                                               | *1,550                                                                               | 7.06 m |
| 3.0m      | kg |                                                                                                              |                                                                                    | *6,000                                                                             | *6,000                                                                             | *4,160                                                                             | *4,160                                                                             | *3,430                                                                             | 2,910                                                                               |                                                                                      |                                                                                      | *1,560                                                                               | *1,560                                                                               | 7.48 m |
| 1.5m      | kg |                                                                                                              |                                                                                    | *6,940                                                                             | *6,940                                                                             | *5,060                                                                             | 4,180                                                                              | *3,810                                                                             | 2,780                                                                               | *2,050                                                                               | 2,000                                                                                | *1,650                                                                               | *1,650                                                                               | 7.57 m |
| G.L.      | kg |                                                                                                              |                                                                                    | *6,360                                                                             | *6,360                                                                             | *5,570                                                                             | 3,990                                                                              | *4,050                                                                             | 2,680                                                                               |                                                                                      |                                                                                      | *1,850                                                                               | *1,850                                                                               | 7.35 m |
| -1.5m     | kg | *4,860                                                                                                       | *4,860                                                                             | *8,310                                                                             | 7,180                                                                              | *5,490                                                                             | 3,910                                                                              | *3,930                                                                             | 2,640                                                                               |                                                                                      |                                                                                      | *2,250                                                                               | *2,250                                                                               | 6.79 m |
| -3.0m     | kg | *8,070                                                                                                       | *8,070                                                                             | *6,870                                                                             | *6,870                                                                             | *4,670                                                                             | 3,950                                                                              |                                                                                    |                                                                                     |                                                                                      |                                                                                      | *3,180                                                                               | 2,840                                                                                | 5.78 m |
| -4.5m     | kg |                                                                                                              |                                                                                    | *3,800                                                                             | *3,800                                                                             |                                                                                    |                                                                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                      | *2,610                                                                               | *2,610                                                                               | 3.97 m |

| SK165SRLC |       | Boom: 4.68 m, Arm: 2.84 m, Bucket: 0.45 m³, Counterweight: 3,150 kg, Shoe: 700 mm, Dozer: blade up |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |        |        |
|-----------|-------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|--------|
| A         |       | 1.5 m                                                                                              |                                                                                     | 3.0 m                                                                               |                                                                                     | 4.5 m                                                                               |                                                                                     | 6.0 m                                                                               |                                                                                      | 7.5 m                                                                                 |                                                                                       | At max. reach                                                                         |                                                                                       |        |        |
|           |       |                 |  |  |  |  |  |  |  |  |  |  |  | Radius |        |
| B         | 7.5m  | kg                                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     | *2,700                                                                              | *2,700                                                                              |                                                                                      |                                                                                       |                                                                                       |                                                                                       | *1,940                                                                                | *1,940 | 4.85 m |
|           | 6.0m  | kg                                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     | *2,940                                                                              | *2,940                                                                              | *2,370                                                                               | *2,370                                                                                |                                                                                       |                                                                                       | *1,650                                                                                | *1,650 | 6.25 m |
|           | 4.5m  | kg                                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     | *3,330                                                                              | *3,330                                                                              | *3,100                                                                               | 2,770                                                                                 |                                                                                       |                                                                                       | *1,550                                                                                | *1,550 | 7.06 m |
|           | 3.0m  | kg                                                                                                 |                                                                                     |                                                                                     | *6,000                                                                              | *6,000                                                                              | *4,160                                                                              | 4,120                                                                               | *3,430                                                                               | 2,660                                                                                 |                                                                                       |                                                                                       | *1,560                                                                                | *1,560 | 7.48 m |
|           | 1.5m  | kg                                                                                                 |                                                                                     |                                                                                     | *6,940                                                                              | 6,910                                                                               | *5,060                                                                              | 3,830                                                                               | *3,810                                                                               | 2,540                                                                                 | *2,050                                                                                | 1,820                                                                                 | *1,650                                                                                | *1,650 | 7.57 m |
|           | G.L.  | kg                                                                                                 |                                                                                     |                                                                                     | *6,360                                                                              | *6,360                                                                              | *5,570                                                                              | 3,630                                                                               | 3,750                                                                                | 2,440                                                                                 |                                                                                       |                                                                                       | *1,850                                                                                | 1,830  | 7.35 m |
|           | -1.5m | kg                                                                                                 | *4,860                                                                              | *4,860                                                                              | *8,310                                                                              | 6,550                                                                               | *5,490                                                                              | 3,560                                                                               | 3,700                                                                                | 2,400                                                                                 |                                                                                       |                                                                                       | *2,250                                                                                | 2,040  | 6.79 m |
| -3.0m     | kg    | *8,070                                                                                             | *8,070                                                                              | *6,870                                                                              | 6,660                                                                               | *4,670                                                                              | 3,600                                                                               |                                                                                     |                                                                                      |                                                                                       |                                                                                       | *3,180                                                                                | 2,580                                                                                 | 5.78 m |        |
| -4.5m     | kg    |                                                                                                    |                                                                                     | *3,800                                                                              | *3,800                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       | *2,610                                                                                | *2,610                                                                                | 3.97 m |        |

| SK165SRLC |    | Boom: 4.68 m, Arm: 2.84 m, Bucket: 0.45 m³, Counterweight: 3,150 kg + 580 kg, Shoe: 700 mm, Dozer: blade up |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|-----------|----|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|           |    | A                                                                                                           | 1.5 m                                                                               |                                                                                     | 3.0 m                                                                               |                                                                                     | 4.5 m                                                                               |                                                                                     | 6.0 m                                                                               |                                                                                      | 7.5 m                                                                                 |                                                                                       | At max. reach                                                                         |                                                                                       |
|           |    |                                                                                                             |  |  |  |  |  |  |  |  |  |  |  |  |
| B         |    |                                                                                                             |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| 7.5m      | kg |                                                                                                             |                                                                                     |                                                                                     |                                                                                     | *2,700                                                                              | *2,700                                                                              |                                                                                     |                                                                                     |                                                                                      |                                                                                       | *1,940                                                                                | *1,940                                                                                | 4.85 m                                                                                |
| 6.0m      | kg |                                                                                                             |                                                                                     |                                                                                     |                                                                                     | *2,940                                                                              | *2,940                                                                              | *2,370                                                                              | *2,370                                                                              |                                                                                      |                                                                                       | *1,650                                                                                | *1,650                                                                                | 6.25 m                                                                                |
| 4.5m      | kg |                                                                                                             |                                                                                     |                                                                                     |                                                                                     | *3,330                                                                              | *3,330                                                                              | *3,100                                                                              | 3,000                                                                               |                                                                                      |                                                                                       | *1,550                                                                                | *1,550                                                                                | 7.06 m                                                                                |
| 3.0m      | kg |                                                                                                             |                                                                                     | *6,000                                                                              | *6,000                                                                              | *4,160                                                                              | *4,160                                                                              | *3,430                                                                              | 2,890                                                                               |                                                                                      |                                                                                       | *1,560                                                                                | *1,560                                                                                | 7.48 m                                                                                |
| 1.5m      | kg |                                                                                                             |                                                                                     | *6,940                                                                              | *6,940                                                                              | *5,060                                                                              | 4,150                                                                               | *3,810                                                                              | 2,760                                                                               | *2,050                                                                               | 1,990                                                                                 | *1,650                                                                                | *1,650                                                                                | 7.57 m                                                                                |
| G.L.      | kg |                                                                                                             |                                                                                     | *6,360                                                                              | *6,360                                                                              | *5,570                                                                              | 3,960                                                                               | 4,040                                                                               | 2,660                                                                               |                                                                                      |                                                                                       | *1,850                                                                                | *1,850                                                                                | 7.35 m                                                                                |
| -1.5m     | kg | *4,860                                                                                                      | *4,860                                                                              | *8,310                                                                              | 7,130                                                                               | *5,490                                                                              | 3,880                                                                               | *3,930                                                                              | 2,620                                                                               |                                                                                      |                                                                                       | *2,250                                                                                | 2,230                                                                                 | 6.79 m                                                                                |
| -3.0m     | kg | *8,070                                                                                                      | *8,070                                                                              | *6,870                                                                              | *6,870                                                                              | *4,670                                                                              | 3,930                                                                               |                                                                                     |                                                                                     |                                                                                      |                                                                                       | *3,180                                                                                | 2,810                                                                                 | 5.78 m                                                                                |
| -4.5m     | kg |                                                                                                             |                                                                                     | *3,800                                                                              | *3,800                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       | *2,610                                                                                | *2,610                                                                                | 3.97 m                                                                                |

- Note:**
- 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.
  - Bucket pin attachment point defined as lift point.
  - 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

**SK165SR<sub>LC</sub>**

SK165SR<sub>LC</sub>-7

●=Std ○=Opt

| Category                 | Description                                                                        | SK165SR <sub>LC</sub> -7 |
|--------------------------|------------------------------------------------------------------------------------|--------------------------|
| <b>ENGINE</b>            | ISUZU 4JJ1XDRAC-01 (Tier IV Final certified)                                       | ●                        |
|                          | Exhaust DOC DPF SCR system                                                         | ●                        |
|                          | Alternator 24 V / 50 A                                                             | ●                        |
|                          | Starter motor 24 V / 4 kW                                                          | ●                        |
|                          | Batteries 2 x 12 V (88 Ah)                                                         | ●                        |
|                          | Fan suction type cooling system                                                    | ●                        |
|                          | Auto deceleration function                                                         | ●                        |
|                          | Auto Idle Stop (AIS)                                                               | ●                        |
| <b>HYDRAULIC SYSTEM</b>  | 3 work modes H, S, Eco                                                             | ●                        |
|                          | Pressure release function                                                          | ●                        |
|                          | Independent travel function                                                        | ●                        |
|                          | Auto warm up system                                                                | ●                        |
|                          | Proportional Hand Control (for Rotation & N&B piping)                              | ●                        |
|                          | Hydraulic oil VG46                                                                 | ●                        |
| <b>PIPING</b>            | Rotation & N&B piping                                                              | ●                        |
|                          | QH piping                                                                          | ●                        |
| <b>CABIN</b>             | Air suspension seat with heating                                                   | ●                        |
|                          | 10 inch colour monitor                                                             | ●                        |
|                          | LED door light                                                                     | ●                        |
|                          | Air-conditioner                                                                    | ●                        |
|                          | Radio (FM/AM & AUX & USB & Bluetooth® & hands free telephone)                      | ●                        |
|                          | Harness for CAB four lights and CAB yellow flasher                                 | ●                        |
|                          | 12 V power outlet                                                                  | ●                        |
|                          | Rain visor                                                                         | ○                        |
|                          | Sun screen                                                                         | ●                        |
| <b>LIGHTS</b>            | Large footrest                                                                     | ●                        |
|                          | LED work lights ; 2 on boom, 1 on upper frame                                      | ●                        |
|                          | LED work lights ; 2 on CAB top front                                               | ○                        |
| <b>WORKING EQUIPMENT</b> | Standard Boom (4.68 m)                                                             | ●                        |
|                          | Standard HD arm (2.38 m) with rock guard                                           | ●                        |
|                          | Long arm (2.84 m) with rock guard                                                  | ○                        |
| <b>COUNTERWEIGHT</b>     | Standard C/W (TTL 3,150 kg)                                                        | ●                        |
|                          | Additional C/W (+580 kg)                                                           | ○                        |
|                          | Additional C/W (+1,000 kg)                                                         | ○                        |
| <b>UNDERCARRIAGE</b>     | 500 mm HD steel shoe                                                               | ○                        |
|                          | 600 mm HD steel shoe                                                               | ○                        |
|                          | 700 mm HD steel shoe                                                               | ●                        |
|                          | 800 mm HD steel shoe                                                               | ○                        |
|                          | Track guide (Three per side)                                                       | ●                        |
|                          | Lower frame guard                                                                  | ●                        |
| <b>SAFETY</b>            | Engine emergency stop switch                                                       | ●                        |
|                          | Pump emergency mode (KPSS release switch)                                          | ●                        |
|                          | Emergency accel dial                                                               | ●                        |
|                          | Emergency manual valve for lowering attachment                                     | ●                        |
|                          | 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)                                          | ○                        |
|                          | Eagle-eye view camera (Rear, Right, Left)                                          | ●                        |
|                          | Seatbelt indicator on display                                                      | ●                        |
| <b>OTHERS</b>            | Travel alarm                                                                       | ●                        |
|                          | Emergency escape hammer                                                            | ●                        |
|                          | Harness for engine room light                                                      | ●                        |
|                          | Special guard package (Boom & Arm piping guard, Right side guard, Air inlet cover) | ○                        |
|                          | Centre cover                                                                       | ●                        |
|                          | Engine hood with mesh                                                              | ●                        |
|                          | Exhaust pipe cover                                                                 | ●                        |
|                          | GEOSCAN                                                                            | ●                        |

Note: Bluetooth® is a registered trademark of the Bluetooth SIG Inc.

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.

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