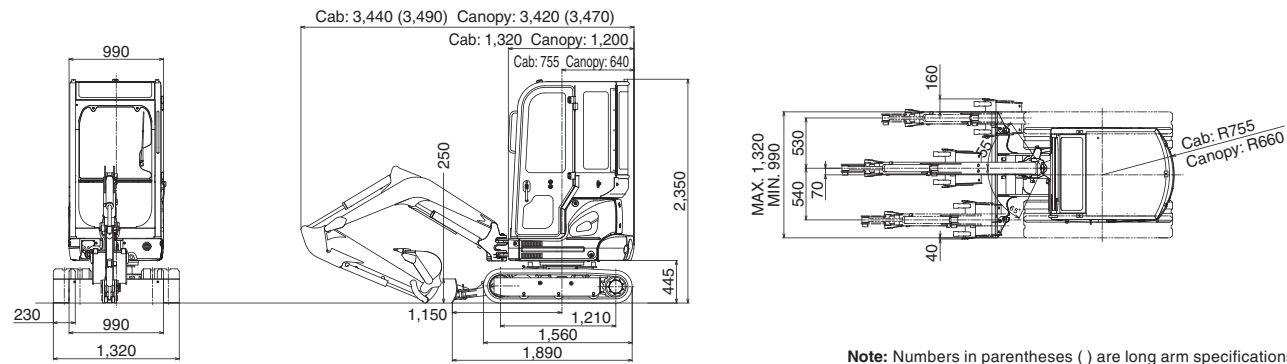


## Dimensions

Unit: mm



Note: Numbers in parentheses ( ) are long arm specifications.

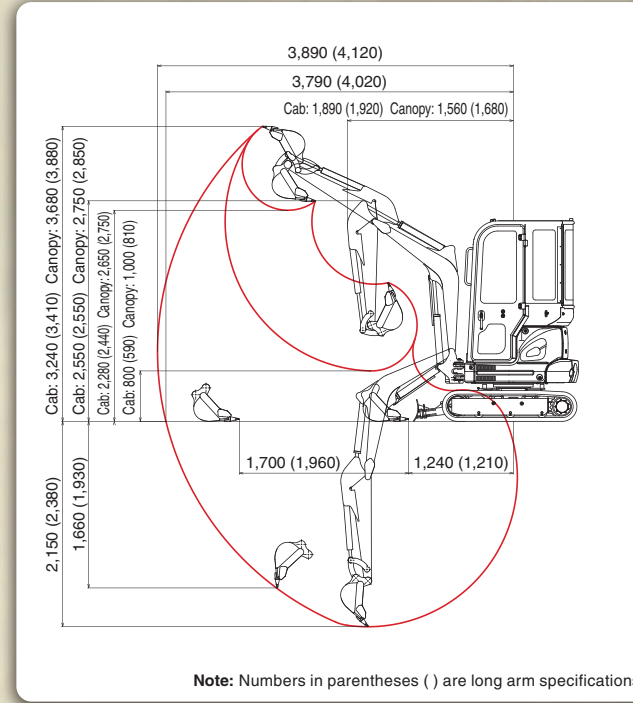
## Specifications

| ● PERFORMANCE                   |   |
|---------------------------------|---|
| Bucket capacity                 | m <sup>3</sup> 0.044 ISO heaped   |
| Travel speed                    | km/h 4.0/2.0  |
| Swing speed                     | min <sup>-1</sup> (rpm) 8.6   |
| Gradeability                    | % (°) 58 (30)   |
| Drawbar pulling force           | kN 19.9   |
| Bucket digging force            | kN 15.2   |
| Arm crowding force              | kN 10.0   |
| ● WEIGHT                        |   |
| Machine mass (Canopy / STD arm) | kg 1,650  |
| Ground pressure                 | kPa 27.5  |
| ● ENGINE                        |   |
| Model                           | MITSUBISHI L3E-EDL2M  |
| Type                            | Water-cooled, 4-cycle, 3-cylinder, direct injection, diesel                                       |
| Power output                    | kW/min <sup>-1</sup> (rpm) 11.7 (15.9 PS) / 2,200 (ISO14396)*<br>11.3 (15.3 PS) / 2,200 (ISO9249) |
| Max. torque                     | N·m/min <sup>-1</sup> (rpm) 54.2/1,800 (ISO14396)*<br>53.5/1,800 (ISO9249)                        |
| Displacement                    | ℓ 0.952   |
| Fuel tank                       | ℓ 22.0  |
| ● HYDRAULIC SYSTEM              |   |
| Pump                            | Two variable displacement pumps and one gear pump   |
| Max. discharge flow             | ℓ/min 2 x 16.3 + 11.4   |
| Max. discharge pressure         | MPa 21.6  |
| Hydraulic capacity              | ℓ 9.0 (tank level) 15.0 (system)  |
| ● DOZER BLADE                   |   |
| Blade                           | mm 990/1,320 width x 250 height, 280 up, 270 down   |
| ● SIDE DIGGING                  |   |
| Type                            | Boom swing type, offset angle: 65° to the left, 55° to the right                                  |

\*: ISO14396 complies with EU regulations

## Working Range

Unit: mm



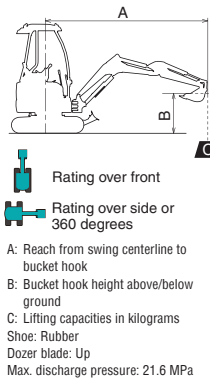
Note: Numbers in parentheses ( ) are long arm specifications.

## Lifting Capacity

| SK17SR 0.98 m Arm Bucket 0.035-0.044 m <sup>3</sup> 30-35 kg Shoe 230 mm |       |       |       |       |      |            |        |        |        |        |
|--|-------|-------|-------|-------|------|------------|--------|--------|--------|--------|
| B  | A     |       |       |       |      | Max. reach | Radius |        |        |        |
|  | 1.0 m | 2.0 m | 3.0 m | 3.5 m |      |            |        |        |        |        |
| 3.0 m  | kg    |       |       |       |      | *340       | *340   | 2.21 m |        |        |
| 2.0 m  | kg    |       |       | 210   | 210  | 200        | 200    | 3.08 m |        |        |
| 1.0 m  | kg    |       | 390   | 380   | 190  | 190        | 160    | 160    | 3.36 m |        |
| G.L.   | kg    | *600  | *600  | 350   | 340  | 180        | 180    | 160    | 160    | 3.24 m |
| -1.0 m   | kg    | *990  | *990  | 350   | 350  |            |        | 220    | 220    | 2.65 m |
| -1.5 m   | kg    |       |       | *360  | *360 |            |        | *350   | *350   | 2.02 m |

| SK17SR 1.75 m Arm w/o Bucket Shoe 230 mm |       |       |       |       |     |            |        |        |        |        |
|--|-------|-------|-------|-------|-----|------------|--------|--------|--------|--------|
| B  | A     |       |       |       |     | Max. reach | Radius |        |        |        |
|  | 1.0 m | 2.0 m | 3.0 m | 3.5 m |     |            |        |        |        |        |
| 3.0 m                                    | kg    |       |       |       |     | 300        | 300    | 2.57 m |        |        |
| 2.0 m                                    | kg    |       |       | 230   | 230 | 190        | 190    | 3.32 m |        |        |
| 1.0 m                                    | kg    |       | 420   | 410   | 220 | 220        | 170    | 170    | 3.58 m |        |
| G.L.                                     | kg    |       | 380   | 370   | 200 | 200        |        | 160    | 160    | 3.47 m |
| -1.0 m                                   | kg    | *990  | *990  | 370   | 370 |            |        | 210    | 210    | 2.94 m |
| -1.5 m                                   | kg    | *990  | *990  | 390   | 380 |            |        | 290    | 290    | 2.42 m |



- Note: 1. Do not exceed the lift capacities in accordance with their specified lift point radius and height. Subtract the weight of all accessories from the above lift capacities.  
2. Lift capacities are based on the machine standing on level, firm, and uniform ground. When operating, make allowance for job conditions such as soft or uneven ground, side loads, sudden stopping of loads, hazardous conditions, experience of personnel, etc.  
3. Arm top pin is defined as the lift point.  
4. The above lift capacities are in compliance with SAE J10567. 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.  
5. The operator should be thoroughly familiar with the Operator and Maintenance instructions before operating this machine. Rules for safe operation of the equipment should be adhered to at all times.  
6. Lift capacities only apply to machines as originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.

Note: This catalog may contain attachments and optional equipment that are not available in your area, or photographs of machines with specifications that differ from those sold in your area. Please consult your nearest KOBELCO distributor for any item you may require. Specialist equipment is needed to use this machine in demolition work. Before using it please contact your KOBELCO dealer. Due to our policy of continuous product improvement, all designs and specifications are subject to change without advance notice. Copyright by KOBELCO CONSTRUCTION MACHINERY CO., LTD. This catalog may not be reproduced, in whole or in part, in any manner without prior written notice.

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## Inquiries To:

# MINI EXCAVATORS

# KOBELCO

## SR Series

# SK17SR

Bucket Capacity: 0.044 m<sup>3</sup> ISO heaped  
Engine Power: 11.7 kW {15.9 PS} / 2,200 min<sup>-1</sup> {rpm} (ISO14396)  
Machine Mass: 1,650 kg



We Save You Fuel  
Achieving a Low-Carbon Society



## Compactness

Able to access narrow openings 1 m wide  
Can maneuver on tight jobsites 2 m wide

**Crawler adjustment 990 mm ⇄ 1,320 mm**

When the crawlers are retracted, the SK17SR can access narrow openings approx. 1 m wide.  
When extended, increased stable work performance is obtained.  
Crawler width can easily be changed using the lever.

**Ultra-small rear swing radius with zero tail overhang (when crawlers are fully extended)**

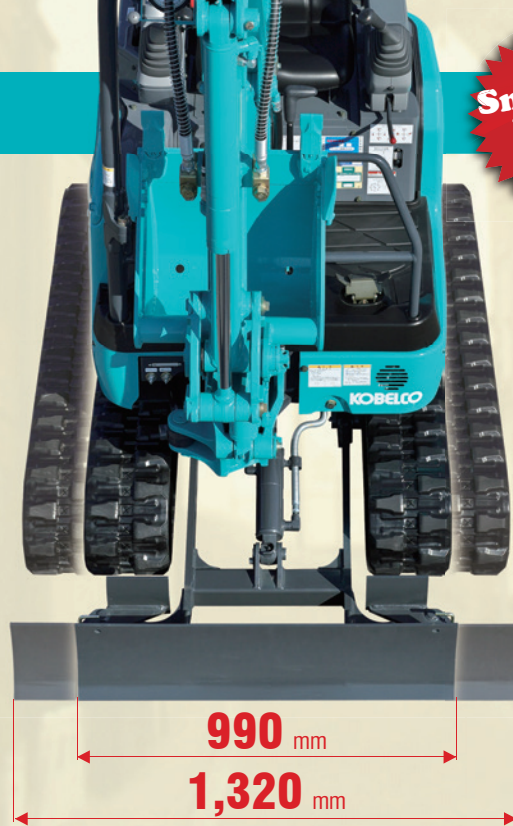
Rear swing radius is only 660 mm and the extended crawler width is 1,320 mm. The counterweight can turn within the crawler width.



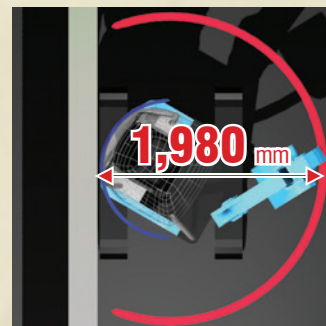
Tail overhang:

0 mm

**Smallest in its class!**



**Operating width with boom swung to the left: 1,980 mm**



The SK17SR features a larger swing angle of 65 degrees left and 55 degrees right.  
The minimum swing radius with the boom swung left is as small as 1,320 mm, while the operating width with a 180 degree swing is only 1,980 mm. This short swing design is well suited for digging, swinging, and truck loading, even spaces approx. 2 m.

**Can be loaded onto a 2 ton dump truck for transport without disassembly**

The unit is compact and fits within the truck bed. It is light weight and can be loaded onto the truck together with its equipment.  
Lifting eyes are provided on the boom and the dozer.



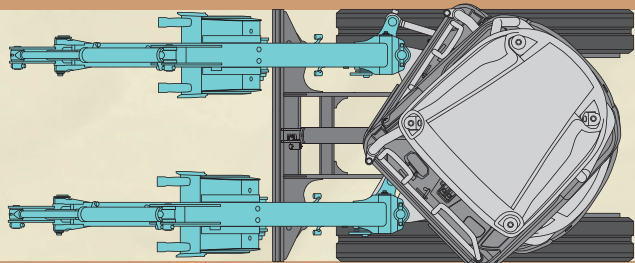
Machine weight (Canopy / STD arm) : **1,650 kg**

Overall transport length: **3,420 mm**

**High quality digging along walls**

The swing boom allows for excavation and ditch digging along walls. The operator station floor's low-profile corners are well suited for digging right next to walls.

Front overhang: **18 mm** Swing to the right



Front overhang: **29 mm** Swing to the left

## Excellent Performance

**Performs like full-size excavators**

**Faster cycle times**

The fast and smooth arm movement and other improved features reduce cycle times, achieving greater hourly productivity.

**Smooth truck loading**

The compact unit is suitable for transport by a 2 ton dump truck. Its low transport height maximizes truck loading space. With the arm extended and the bucket curled in a horizontal position, the excavator can be loaded onto a truck without spilling soil.

**Specially designed bucket for better depth penetration**

The SK17SR has a round bottom bucket that is specially designed for deeper penetration.

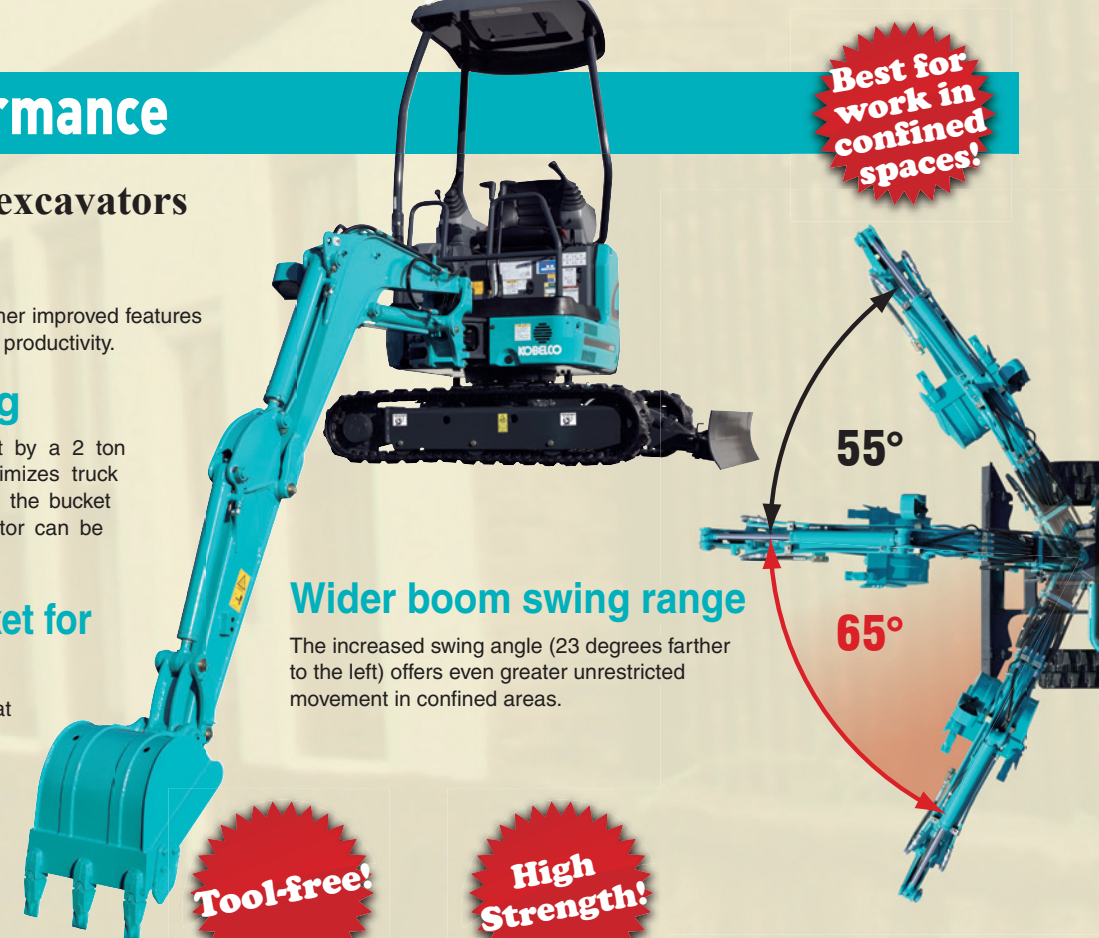
**Ideal for utility work**

Maximum digging depth is 2,150 mm.

**Wider boom swing range**

The increased swing angle (23 degrees farther to the left) offers even greater unrestricted movement in confined areas.

**Best for work in confined spaces!**



**Tool-free!**

**High Strength!**

## Easy Maintenance

**Routine maintenance can be performed simply by visual checks and cleaning.**

**Engine compartment layout optimized for serviceability**

Routine maintenance can be performed simply by opening the engine cover. All service points are conveniently located to ensure excellent visibility and easy access.



All steel guard for easy repair



Detachable two piece floor mat for easy cleaning



Removable fuel tank for easy washing



Three-pillar canopy for easy removal



Ergonomic gauge layout for clear visibility



Multi-control located under the floor (optional)

**Longer refueling intervals**

The SK17SR comes with a 22 liter fuel tank. Its large capacity enables continuous digging operations for 12 hours or more.\*

\*: Estimated value based on KOBELCO standards. Continuous operating time may vary according to the operating conditions.

**Hydraulic oil change interval: 5,000 hours**

Long-life hydraulic oil is used, extending the time between oil changes, and reducing maintenance work and costs.

**Hydraulic oil filter with a 1,000 hours service life**

The large capacity hydraulic oil filter provides higher filtration efficiency and better durability. The replacement interval has been extended to 1,000 hours.

## Exceptional Durability

**Long life and maximum structural strength are assured.**

**Reliable design provides long-lasting performance and quality**



Three-pillar canopy compliant with ROPS and FOPS level 2



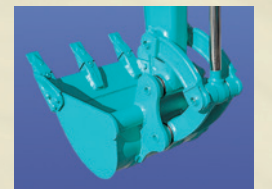
Joint dozer hoses for easy replacement



High strength, lightweight boom top



Engine oil filter with oil pan



Link pin with locking pin/cast steel idler link

Photos in this catalog may include attachments and optional equipment that are not available in your area.