SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SK17SR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>SK17SR-5</td>
</tr>
<tr>
<td>PERFORMANCE</td>
<td></td>
</tr>
<tr>
<td>Bucket Capacity</td>
<td>m³</td>
</tr>
<tr>
<td>Travel Speed (high/low)</td>
<td>km/h</td>
</tr>
<tr>
<td>Swing Speed</td>
<td>mm (rpm)</td>
</tr>
<tr>
<td>Grubability</td>
<td>% (degree)</td>
</tr>
<tr>
<td>Traction Force</td>
<td>kN</td>
</tr>
<tr>
<td>Bucket Digging Force</td>
<td>kN</td>
</tr>
<tr>
<td>Arm Crossing Force</td>
<td>kN</td>
</tr>
<tr>
<td>WEIGHT</td>
<td></td>
</tr>
<tr>
<td>Machine Mass</td>
<td>kg</td>
</tr>
<tr>
<td>Ground Pressure</td>
<td>kPa</td>
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<tr>
<td>Shoe Type</td>
<td>Rubber</td>
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<tr>
<td>ENGINE</td>
<td></td>
</tr>
<tr>
<td>Model</td>
<td>Yanmar 3TNV70-XBV</td>
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<tr>
<td>Type</td>
<td>Water cooled, 4-cycle, 3-cylinder</td>
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<tr>
<td>Power Output NET (ISO 9249)</td>
<td>kW/min</td>
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<tr>
<td>Max. Torque NET (ISO 9249)</td>
<td>N m/min</td>
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<tr>
<td>Displacement</td>
<td>L</td>
</tr>
<tr>
<td>HYDRAULIC SYSTEM</td>
<td></td>
</tr>
<tr>
<td>Pump</td>
<td>Two variable displacement pumps + one gear pump</td>
</tr>
<tr>
<td>Max. Discharge Flow</td>
<td>L/min</td>
</tr>
<tr>
<td>Relief Valve Setting</td>
<td>MPa</td>
</tr>
<tr>
<td>Coolant OIL tank (system)</td>
<td>L</td>
</tr>
<tr>
<td>DOZER BLADE</td>
<td></td>
</tr>
<tr>
<td>Width x Height</td>
<td>mm</td>
</tr>
<tr>
<td>Working Ranges (height/depth)</td>
<td>mm</td>
</tr>
<tr>
<td>SIDE DIGGING MECHANISM</td>
<td></td>
</tr>
<tr>
<td>Offset Angle</td>
<td>To the left</td>
</tr>
<tr>
<td></td>
<td>To the right</td>
</tr>
</tbody>
</table>

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The Netherlands
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Inquiries To:

September 2015 | KOB934
Mini excavators are widely used on sites where space is restricted, such as in residential areas and industrial premises. Users want big power in a small machine, stability in operation, and rugged construction and durability to reduce downtime. The combines a compact design with wide digging reach for efficient performance, excellent maneuverability, and tough durability to ensure an extended working life.

SK175R has the durability needed in a machine that works in tight spaces.

**Spring Steel Cylinder Rod Guard**

The spring steel cylinder rod guard is standard for the bucket, boom and arm cylinder. The use of spring steel not only protects the cylinder rod, but gives resiliency to the guard itself.

**Work Light**

Work light is mounted under the boom to protect from damage.

**Blade Cutting Edge**

Back/fill dozer blade has wear-resistant cutting edge.

**Compact, Tough Performer**

Mini excavators are widely used on sites where space is restricted, such as in residential areas and industrial premises. Users want big power in a small machine, stability in operation, and rugged construction and durability to reduce downtime. The combines a compact design with wide digging reach for efficient performance, excellent maneuverability, and tough durability to ensure an extended working life.
Compact, Tough Performer

Mini excavators are widely used on sites where space is restricted, such as in residential areas and industrial premises. Users want big power in a small machine, stability in operation, and rugged construction and durability to reduce downtime. The combines a compact design with wide digging reach for efficient performance, excellent maneuverability, and tough durability to ensure an extended working life.

Reliable Construction

SK17SR has the durability needed in a machine that works in tight spaces.

Spring Steel Cylinder Rod Guard
The spring steel cylinder rod guard is standard for the bucket, boom and arm cylinder. The use of spring steel not only protects the cylinder rod, but gives resiliency to the guard itself.

Boom cylinder rod guard
Arm cylinder rod guard
Bucket cylinder rod guard

Underside Protector
The frame corners are reinforced with thick casting iron. The side cover has a thicker plate for higher resilience.

Work Light
Work light is mounted under the boom to protect from damage.

Dozer
Dozer cylinder rod guard protects dozer cylinder from damage.

Blade Cutting Edge
Backhoe dozer blade has wear-resistant cutting edge.
**Wide Working Range**
The SK17SR has plenty of working ranges, including top-class max. digging reach and max. digging depth.

**Short Tail Swing**
The Combination of side-ditch digging function and zero tail radius makes it easy to dig next to walls with a compact operating footprint.

**Retractable Crawlers**
Crawlers can be easily extended and retracted by operating a simple lever.

**Self-cleaning /Retractable Crawler Frames**
The hydraulic retractable side frames are strong and durable, as well as self-cleaning.

**Reliable Swing Power, Faster Working Speeds**
Boosted swing power and a top-class swing speed deliver shorter cycle times.

**Easy Extended/Retracted Blade**
Doozer blade with pin type hinge can be easily extended/retracted.

**PERFORMANCE**
**Compact yet Big Performance**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Swing Speed</td>
<td>9.5 min⁻¹</td>
</tr>
<tr>
<td>Max. Arm Crowding Force</td>
<td>8.5 kN</td>
</tr>
<tr>
<td>Max. Bucket Digging Force</td>
<td>15.2 kN</td>
</tr>
</tbody>
</table>
Wide Working Range
The SK17SR has plenty of working ranges, including top-class max. digging reach and max. digging depth.

Wide Working Range

Retractable Crawlers
Crawlers can be easily extended and retracted by operating a simple lever.

Retractable Crawlers

Retractable: 950mm
Extracted: 1,280mm

Self-cleaning /Retractable Crawler Frames
The hydraulic retractable side frames are strong and durable, as well as self cleaning.

Self-cleaning /Retractable Crawler Frames

Swing Speed: 9.5 min⁻¹

Powerful Digging
For more efficient work performance.

Max. Arm Crowding Force: 8.5kN
Max. Bucket Digging Force: 15.2kN

Swing Speed:

Powerful Digging

Easy Extended/Retracted Blade
Doozer blade with pin-type hinge can be easily extended/retracted.

Easy Extended/Retracted Blade

Compact Upper Body Without Front Overhang

Tail Overhang: 0mm

Compact Upper Body Without Front Overhang

Max. Digging Reach: 3,810mm
Max. Digging Height: 3,690mm
Max. Digging Depth: 2,200mm

Max. Digging Reach:
Max. Digging Height:
Max. Digging Depth:
Easier maintenance, with a fully-opening engine hood and equipment that requires the most frequent checks positioned to be readily visible.

Easy Access to Component (Left)

Wrist Rest
Wrist rests fitted on the each control lever box ensure fatigue-free operation.

Storage Compartment for Manuals
A handy compartment in the seat-back holds manuals and other documents.

Easy Access to Control Panel and Levers

Travel Pedal
The travel pedal simplifies simultaneous operations while the machine traveling.

Easier maintenance, with a fully-opening engine hood and equipment that requires the most frequent checks positioned to be readily visible.

Easy Access to Engine Compartment (Rear)

LIFTING CAPACITIES

<table>
<thead>
<tr>
<th>G. L. kg</th>
<th>410</th>
<th>435</th>
<th>285</th>
<th>295</th>
<th>185</th>
<th>200</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5 m</td>
<td>390</td>
<td>415</td>
<td>280</td>
<td>295</td>
<td>185</td>
<td>200</td>
</tr>
<tr>
<td>1.0 m</td>
<td>410</td>
<td>435</td>
<td>285</td>
<td>295</td>
<td>185</td>
<td>200</td>
</tr>
<tr>
<td>1.5 m</td>
<td>420</td>
<td>425</td>
<td>305</td>
<td>370</td>
<td>205</td>
<td>215</td>
</tr>
<tr>
<td>2.0 m</td>
<td>420</td>
<td>425</td>
<td>305</td>
<td>370</td>
<td>205</td>
<td>215</td>
</tr>
<tr>
<td>2.5 m</td>
<td>420</td>
<td>425</td>
<td>305</td>
<td>370</td>
<td>205</td>
<td>215</td>
</tr>
</tbody>
</table>

Notes:
1. Do not attempt to lift or hold any load that is greater than these lift capacities at their specified lift point radius and height. Weight of all accessories must be deducted from the above lift capacities.
2. Lift capacities are based on machine standing on level, firm, and uniform ground. Allow more allowance for job conditions such as soft or uneven ground, out of level conditions, side loads, sudden stopping of loads, hazardous conditions, experience of personnel, etc.
3. Arm top defined as lift point.
4. The above lift capacities are in compliance with ISO 10567. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Lifting capacities marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.
5. Operator should be fully acquainted with the Operator’s and Maintenance Instructions before operating this machine. Rules for safe operation of equipment should be adhered to at all times.
6. Lift capacities apply to only machine as originally manufactured and normally equipped by KOBELCO CONSTRUCTION MACHINERY CO., LTD.
Broader floor space gives operators plenty of foot room. Wide operational space is provided with more room between the left and right control consoles.

**Pass-through**

A clear left-to-right pass-through offers greater convenience for the operator.

**Storage Compartment for Manuals**

A handy compartment in the seat-back holds manuals and other documents.

**Wrist Rest**

Wrist rests fitted on the each control lever box ensure fatigue-free operation.

**Travel Pedal**

The travel pedal simplifies simultaneous operations while the machine traveling.

**Easy Access to Control Panel and Levers**

A clearer left-to-right pass-through offers greater convenience for the operator.

**Easier maintenance, with a fully-opening engine hood and equipment that requires the most frequent checks positioned to be readily visible.**

**Wrist Rests**

Wrist rests fitted on the each control lever box ensure fatigue-free operation.

**Battery**

Easy Access to Cooling Unit

**Fuel Tank**

Easy Access to Engine Compartment (Rear)

**Cartridge type return filter**

**Oil level gauge**

**Fuel filter**

**Water separator**

**Air cleaner**

**LIFTING CAPACITIES**

<table>
<thead>
<tr>
<th></th>
<th>Bucket Width</th>
<th>Shoe: 230mm</th>
<th>Shoe: 230mm</th>
<th>Shoe: 230mm</th>
<th>Shoe: 230mm</th>
<th>Shoe: 230mm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2.0 m</td>
<td>2.5 m</td>
<td>3.15 m</td>
<td>3.15 m</td>
<td>3.15 m</td>
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<tr>
<td></td>
<td>1.5 m</td>
<td>2.05 m</td>
<td>2.25 m</td>
<td>2.30 m</td>
<td>2.30 m</td>
<td>2.30 m</td>
</tr>
<tr>
<td></td>
<td>1.0 m</td>
<td>1.5 m</td>
<td>1.85 m</td>
<td>1.85 m</td>
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<tr>
<td></td>
<td>0.5 m</td>
<td>0.5 m</td>
<td>0.8 m</td>
<td>0.8 m</td>
<td>0.8 m</td>
<td>0.8 m</td>
</tr>
<tr>
<td></td>
<td>0.5 m</td>
<td>0.5 m</td>
<td>0.8 m</td>
<td>0.8 m</td>
<td>0.8 m</td>
<td>0.8 m</td>
</tr>
</tbody>
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SPECIFICATIONS

**MODEL**

**SK17SR**

**PERFORMANCE**

- Bucket Capacity: m³ 0.05
- Travel Speed (High/Low): km/h 4.5/2.1
- Swing Speed: rpm 9.5
- Grading ability (degree): 47/118
- Traction Force: kN 18.1
- BucketDigging Force: kN 15.2
- Arm Crowding Force: kN 8.5

**WEIGHT**

- Machine Mass: kg 1,690
- Ground Pressure: kPa 0.29
- Tread Type: Rubber

**ENGINE**

- Model: Yanmar 3TNV70-XBV
- Type: Water cooled, 4-cycle, 3-cylinder
- Power Output (ISO 9249): kW/min 10.1/2,200
- Max. Torque: N.m/min 49.9/1,600
- Displacement: L 0.854
- Fuel Tank: L 20

**HYDRAULIC SYSTEM**

- Pump: Two variable displacement pumps + one gear pump
- Max. Discharge Flow: L/min 2 x 17.6, 11.7
- Relief Valve Setting: MPa 20.6
- Reservoir Oil Tank (system): L 16.5 (26)

**SIDE DOZER BLADE**

- Width x Height: mm 950/1,280 x 250
- Working Ranges (height/depth): mm 260/205

**SIDE DIGGING MECHANISM**

- Offset Angle: To the left: degree 42
  - To the right: degree 60

**GENERAL DIMENSIONS**

- Unit: mm
  - 1,240 (950)
  - 1,525
  - 230
  - 175
  - 540

**WORKING RANGES**

- a: Max. digging reach: 3,810
- b: Max. digging reach at ground level: 3,710
- c: Max. digging depth: 2,200
- d: Max. digging height: 3,690
- e: Max. dumping clearance: 2,630
- f: Min. dumping clearance: 1,025
- g: Max. vertical wall digging depth: 1,850
- h: Min. swing radius (at boom swing): 1,535 (1,380)
- i: Dozer blade (height/depth): 260/205

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