Inquiries To:

Note: This catalog 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 area. 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.

September 2015 | KOB930

Kobelco Construction Machinery Europe B.V.
Veluwedam 15
1327 AE Almere
The Netherlands
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SK10SR-3

SK 10 SR

SPECIFICATIONS

WORKING RANGES

GENERAL DIMENSIONS

LIFTING CAPACITIES

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Kobelco Construction Machinery Europe B.V.
Full-Scale Performance in Compact Size

For residential areas and industrial premises, you need a machine that can maneuver and swing within a compact radius. The SK10SR is designed to do just that, with smooth, powerful control, and great stability. Though small in size, it gives you all of the performance and durability you expect, and gets the job done fast!

**PERFORMANCE**

**Compact yet Big Performance**

- **Short Tail Swing**
  - The combination of side-ditch digging function and short tail radius makes it easy to dig next to walls with a compact operating footprint.
  - Tail Overhang: 150 mm

- **Wide Working Range**
  - The SK10SR has plenty of working ranges.

- **High Stability**
  - Despite the compact body size, the SK10SR delivers exceptional body balance. The outer flange-type lower rollers also help ensure high lateral stability.

**Easy Extended/Retracted Blade**

- Dozer blade with pin-type hinge can be easily extended/retracted.

**More Powerful Working Performance**

- New, high-output engine installed. Big increase in maximum digging force.

  - **Engine Power:** 9.2 kW/2,000 min⁻¹
  - **Bucket Digging Force:** 13.7 kN
  - **Arm Crowding Force:** 5.6 kN

**Retractable Crawlers**

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

- **Retracted:** 150 mm
  - **Extended:** 1,000 mm

**RELIABILITY**

**Reliable Construction**

- **Wide Working Range**
  - The SK10SR has plenty of working ranges.

  - **Max. Digging Reach:** 3,350 mm
  - **Max. Digging Height:** 3,150 mm
  - **Max. Digging Depth:** 1,950 mm

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

**Easy Maintenance**

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

- **Bucket Cylinder Hose**: Housed inside the arm
  - **Boom Cylinder Rod Guard**: Dozer cylinder rod guard
  - **Hydraulic Oil Tank Gauge**: Fuel filter

**MAINTENANCE**

- **Compact Upper Body Without Front Overhang**

- **Protect Cylinders and Piping from Damage**
  - Bucket cylinder hose is housed inside the arm
  - Dozer cylinder rod guard
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- Bucket cylinder hose is housed inside the arm
- Boom cylinder rod guard
- Dozer cylinder rod guard

**MAINTENANCE**

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

- Warning lamps
- Fuel tank gauge
- Hydraulic oil tank gauge
- Fuel filter

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

### MODEL
- **SK10SR**
- **Type:** SK10SR-3

### PERFORMANCE
- **Bucket Capacity:** m³ 0.028
- **Travel Speed:** km/h 2.1
- **Swing Speed:** min⁻¹ (rpm) 10.0
- **Gradeability:** % (degree) 47 (30)
- **Drawbar Pulling Force:** kN 8.3
- **Bucket Digging Force:** kN 13.7
- **Arm Crowding Force:** kN 5.6

### WEIGHT
- **Machine Mass:** kg 1,145
- **Ground Pressure:** kPa 25.3
- **Shoe Type:** Rubber

### ENGINE
- **Model:** Yanmar 3TNV70-WBVB
- **Type:** Water-cooled, 4-cycle, 3-cylinder
- **Power Output NET (ISO 9249):** kW/min⁻¹ (rpm) 9.2/2,000
- **Max. Torque NET:** N·m/min⁻¹ (rpm) 50.1/1,500
- **Displacement:** L 0.854
- **Fuel Tank:** L 12

### HYDRAULIC SYSTEM
- **Pump:** Two variable displacement pumps
- **Max. Discharge Flow:** L/min 2 x 11
- **Relief Valve Setting:** MPa 20.6
- **Hydraulic Oil Tank (system):** L 7.4 (14.3)

### DOZER BLADE
- **Width x Height:** mm 830/1,000 x 210
- **Working Ranges (height/depth):** mm 210/230

### SIDE DIGGING MECHANISM
- **Type:** Boom swing
- **Offset Angle To the left:** degree 50
- **To the right:** degree 90

### GENERAL DIMENSIONS
- **Lifting Capacities**
  - **Rating over front**
  - **Rating over side or 360 degrees**
  - **A:** Reach from swing centerline to arm top
  - **B:** Arm top height above/below ground
  - **C:** Lifting capacities in kilograms
  - **Shoe:** Rubber shoe
  - **Relief valve setting:** 20.6 MPa

Note:
1. Do not attempt to lift or hold any load that is greater than these lift capacities at their specified lift point radius and 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. User must make allowance for job conditions such as soft or uneven ground, out of level conditions, side loads, sudden stopping of loads, hysteresis conditions, experience of personnel, etc.
3. Arm top defined as lift point.
4. The above lifting capacities are in compliance with ISO 10567. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Lifting capacities marked with an asterisk (*) are limited by hydraulic capacity rather than tipping load.
5. Operator should be fully acquainted with the Operator’s and Maintenance Instructions before operating this machine. Rules for safe operation of equipment should be adhered to at all times.
6. Lift capacities apply to only machine as originally manufactured and normally equipped by KOBELO CONSTRUCTION MACHINERY CO., LTD.

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We Save You Fuel
Adhering to a cleaner future.

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