S510 Loaders
Specifications

Machine Rating

- Rated operating capacity (ISO 14397-1): 810 kg
- Tipping load (ISO 14397-1): 1619 kg
- Pump capacity: 64.70 L/min
- System relief at quick couplers: 23.8-24.5 MPa
- Max. travel speed (high range - option): 17.3 km/h
- Max. travel speed (low range): 11.8 km/h

Engine

- Make / Model: Kubota / V2203-M-DI-E2B-BC-3
- Fuel: Diesel
- Cooling: Liquid
- Power (SAE J1995) at 2800 RPM: 36.4 kW
- Torque (SAE J 1995) at 1700 RPM: 150.0 Nm
- Number of cylinders: 4
- Displacement: 2196 cm³
- Fuel tank: 93.70 L

Weights

- Operating weight: 2686 kg
- Shipping weight: 2343 kg

Controls

- Vehicle steering: Direction and speed controlled by two hand levers or optional Advanced Control System (ACS), Advanced Hand Controls (AHC) or Selectable Joystick Controls (SJC)
- Loader hydraulics tilt and lift: Separate foot pedals or optional Advanced Control System (ACS), Advanced Hand Controls (AHC) or Selectable Joystick Controls (SJC)
- Front auxiliary (standard): Electrical switch on right-hand steering lever

Drive System

- Transmission: Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors

Standard Features

- Cushion suspension seat
- Automatically activated glow plugs
- Auxiliary hydraulics: variable flow/maximum flow
- Bobcat Interlock Control System (BICS)
- Deluxe operator cab with windows
- Electrically activated proportional front auxiliary hydraulics
- Engine/hydraulics system shutdown
- Hydraulic bucket positioning (including ON/OFF switch)
- Instrumentation

Options

- Deluxe instrument panel
- Power Bob-Tach™
- Cab enclosure with heating
- 10 x 16.5, 10-ply, Heavy duty tyres, offset rims
- 10 x 16.5, 10-ply, Severe duty tyres
- 12 x 16.5, 12-ply, Severe duty tyres, poly filled
- 12 x 16.5, Solid flex tyres
- 31 x 12-16.5, 10-ply, Super flotation tyres
- Advanced Control System (ACS)
- Advanced Hand Controls (AHC)

- Selectable Joystick Controls (SJC)
- Two speed
- Air ride seat with 2 point seat belt
- Back-up alarm
- Beacon
- Engine block heater
- Fire extinguisher
- Radio
- Road kit
- Strobe

Attachments

- Angle Brooms
- Auger Accessories
- Augers
- Backhoes
- Bale Forks
- Box Blades
- Breaker Accessories
- Breakers
- Brushcat™ Rotary Cutters
- Brush Saws
- Combination Buckets
- Concrete Mixers
- Construction / Industrial Buckets
- Diggers
- Dozer Blades
- Drop Hammers
- Dumping Hoppers
- Fertilizer and Grain Buckets
- Flail Cutters
- General Purpose (GP) Bucket
- Graders
- Grapples, Industrial
- Landplanes
- Landscape Rakes
- Laser Equipment
- Low Profile Buckets
- Miscellaneous

Dimensions

- Machine Dimensions:
  - (A) 3787.0 mm
  - (B) 1972.0 mm
  - (C) 24.2°
  - (D) 185.0 mm
  - (E) 1082.0 mm
  - (F) 2657.0 mm
  - (G) 3378.0 mm
  - (H) 30.0°
  - (I) 2205.0 mm
  - (J) 2908.0 mm
  - (K) 467.0 mm
  - (L) 42.0°
  - (M) 97.0°
  - (N) 1727.0 mm
  - (O) 2032.0 mm
  - (P) 1374.0 mm
  - (Q) 1643.0 mm

- Attachments:
  - Mixing Buckets
  - Mowers
  - Pallet Fork Accessories
  - Pallet Forks, Hydraulic
  - Root Grapples
  - Scrapers
  - Skeleton Buckets
  - Snow & Light Material Buckets
  - Snow Blades
  - Snow Pushers
  - Snow V-Blades
  - Sod Layers
  - Soil Conditioners
  - Spreaders
  - Steel Tracks
  - Stump Grinders
  - Sweepers
  - Tillers
  - Til-Tach
  - Tree Transplanters
  - Trench Compactors
  - Utility Forks
  - Vibratory Rollers
  - Whisker Brooms
  - Wood Chippers

Specifications are subject to change without notice - Pictures of Bobcat units may show other than standard equipment.