



Bobcat®

SKID-STEER LOADER S650

| | |
|--------------------------|---------|
| Operating Weight | 3777 kg |
| Engine Power | 55.4 kW |
| Rated Operating Capacity | 1282 kg |



One Tough Animal®

S650 - SPECIFICATIONS

Performance

| | |
|--|---------------|
| Tipping load (ISO 14397-1) | 2564 kg |
| Rated operating capacity (ISO 14397-1) | 1282 kg |
| Pump capacity | 87.1 L/min |
| Pump capacity (with high flow-option) | 115.5 L/min |
| System relief at quick couplers | 23.8-24.5 MPa |
| Max. travel speed (high range-option) | 19.8 km/h |
| Max. travel speed (low range) | 11.4 km/h |

Engine

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|--------------------------------------|----------------------|
| Make/Model | Kubota/V3307 (IT4) |
| Fuel | Diesel |
| Cooling | Liquid |
| Power at 2400 RPM (SAE J1995 Gross) | 55.4 kW (74.3 HP) |
| Torque at 1600 RPM (SAE J1995 Gross) | 264.4 Nm |
| Number of cylinders | 4 |
| Displacement | 3331 cm ³ |
| Fuel tank | 90.5 L |

Weights

| | |
|--------------------------------|---------|
| Operating weight | 3777 kg |
| Shipping weight without bucket | 3540 kg |

Controls

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|---------------------------------|---|
| Vehicle steering | Direction and speed controlled by two hand levers |
| Loader hydraulics tilt and lift | Separate foot pedals or Selectable Joystick Control (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 |
|--------------|---|

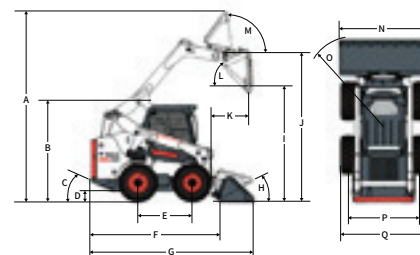
Standard Features

| | |
|--|--|
| Automatically activated glow plugs | Lift arm support |
| Auxiliary hydraulics: variable flow/maximum flow | Work lights, front and rear |
| Bob-Tach™ frame | Parking brake |
| Bobcat Interlock Control System (BICS) | Seat belt |
| Operator cab ¹ | Seat bar |
| Electrically activated proportional front auxiliary hydraulics | 12x16.5, 12-ply, Heavy duty tyres |
| Engine/hydraulics system shutdown | Turbo-charger with approved spark arrestor |
| Manual | Back-up alarm |
| <small>1. Roll Over Protective Structure (ROPS) – meets requirements of SAE-J1040 and ISO 3471; Falling Object Protective Structure (FOPS) - meets requirements of SAE-J1043 and ISO 3449, Level I</small> | |

Options

| | |
|--|---|
| 2 speed | Selectable Joystick Controls (SJC) |
| High-flow hydraulics | Air ride seat with 2 point seat belt |
| Deluxe instrument panel | Air ride seat with 3 point seat belt |
| Deluxe pressurized cab with heating | Beacon |
| Air conditioning | Engine block heater |
| Power Bob-Tach™ | Fire extinguisher |
| 33x15.5-16.5, 12-ply, Super flotation tyres | Strobe |
| 12x16.5, 12-ply, Heavy duty tyres, offset rims | Deluxe operator cab with windows |
| 12x16.5, 12-ply, Severe duty tyres | Hydraulic bucket positioning(including ON/OFF switch) |
| High-back adjustable suspension seat | |

Dimensions



| | | | |
|-----|-----------|-----|-----------|
| (A) | 4026.0 mm | (J) | 3149.0 mm |
| (B) | 2065.0 mm | (K) | 800.0 mm |
| (C) | 25.0° | (L) | 42.0° |
| (D) | 207.0 mm | (M) | 97.0° |
| (E) | 1150.0 mm | (N) | 1880.0 mm |
| (F) | 2754.0 mm | (O) | 2106.0 mm |
| (G) | 3474.0 mm | (P) | 1507.0 mm |
| (H) | 30.0° | (Q) | 1832.0 mm |
| (I) | 2447.0 mm | | |

Attachments

| | |
|---|---------------------------|
| Angle broom | Rebar bender |
| Auger | Rock bucket |
| Backhoe | Scarifier |
| Blades – box, dozer, snow, snow v-blade | Scraper |
| Breaker, hydraulic | Seeder |
| Brush saw | Silt fence installer |
| Brushcat™ rotary cutter | Snow pusher |
| Bucket adapter | Snowblower |
| Buckets | Sod layer |
| Chipper | Soil conditioner |
| Combination bucket | Spreader |
| Concrete pump | Stabilizer, rear |
| Digger | Steel tracks |
| Drop hammer | Stump grinder |
| Dumping hopper | Sweeper |
| Flail cutter | Three-point hitch adapter |
| Grader | Tiller |
| Grapples – farm / utility, industrial, root | Tilt-Tatch™ |
| Landplane | Tree spade |
| Landscape rake | Trench compactor |
| Laser equipment | Trencher |
| Mower | Utility fork |
| Packer wheel | Utility frame |
| Pallet fork | Vibratory roller |
| Planer | Water kit |
| | Wheel saw |
| | Whisker broom |

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