



# Bobcat®

## SKID-STEER LOADER

### S16

|                          |         |
|--------------------------|---------|
| Operating Weight         | 2573 kg |
| Engine Power             | 36.4 kW |
| Rated Operating Capacity | 687 kg  |



*One Tough Animal®*

# S16 - SPECIFICATIONS

## Machine Rating

|  |               |
|--|---------------|
| Rated operating capacity (ISO 14397-1) | 687 kg        |
| Tipping load (ISO 14397-1)             | 1487 kg       |
| Pump capacity                          | 57.2 L/min    |
| System relief at quick couplers        | 22.3-23.3 MPa |
| Max. travel speed (low range)          | 10.5 km/h     |

## Engine

|                                      |                       |
|--------------------------------------|-----------------------|
| Make/Model                           | Kubota/V2203 (Tier 2) |
| Fuel                                 | Diesel                |
| Cooling                              | Liquid                |
| Power at 2800 RPM (SAE J1995 Gross)  | 36.4 kW (48.9HP)      |
| Torque at 1700 RPM (SAE J1995 Gross) | 149.8 Nm              |
| Number of cylinders                  | 4                     |
| Displacement                         | 2197 cm <sup>3</sup>  |

## Weights

|                  |         |
|------------------|---------|
| Operating weight | 2573 kg |
| Shipping weight  | 2245 kg |

## Controls

|                                 |  |
|---------------------------------|--|
| Vehicle steering                | Direction and speed controlled by two hand operated steering levers            |
| Loader hydraulics tilt and lift | Controlled by separate foot pedals   |
| Front auxiliary (standard)      | Controlled by lateral movement of the right hand steering lever                |
| Parking brake                   | Mechanical disc activated by manually operated switch on left instrument panel |

## Drive System

|              |   |
|--------------|---|
| Transmission | Infinitely variable tandem hydrostatic piston pumps, driving two fully reversing hydrostatic motors |
| Main drive   | Fully hydrostatic, 4-wheel drive  |

## Tyres

|            |                          |
|------------|--------------------------|
| Heavy Duty | 10.0-16.5, 10 Ply Rating |
|------------|--------------------------|

## Fluid Capacities

|                                   |        |
|-----------------------------------|--------|
| Fuel                              | 80.8 L |
| Engine oil with filter change     | 8.5 L  |
| Engine cooling system with heater | 6.6 L  |
| Hydraulic/Hydrostatic reservoir   | 9.3 L  |
| Hydraulic/Hydrostatic system      | 28.8 L |
| Chaincase reservoir               | 32.2 L |

## Standard Features

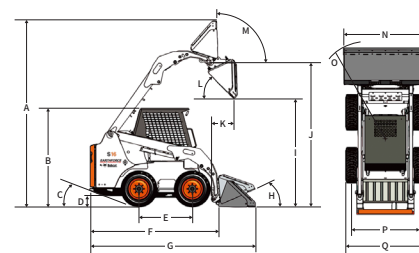
|  |  |
|--|--|
| 68" Bucket   | Instrumentation: hourmeter; system voltage, engine |
| Adjustable seat                                      | Temperature, and fuel gauges; warning lights       |
| Attachment coupler                                   | Interlock control system                           |
| Canopy ROPS and FOPS (level I) approved <sup>1</sup> | Lift arm support device                            |
| Controls: standard with lift arm float front         | Lights: front and rear                             |
| Horn   | Parking brake                                      |
| Glow plugs   | Seat bar   |
| Tyres (heavy duty, 10-16.5, 10 PR)                   | Seat belt  |

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

## Options

|  |                          |
|--|--------------------------|
| Enclosed cab heater with sound reduction | Tyres (solid, 10.0-16.5) |
|--|--------------------------|

## Dimensions



|     |           |     |           |
|-----|-----------|-----|-----------|
| (A) | 3724.0 mm | (J) | 2918.0 mm |
| (B) | 1999.0 mm | (K) | 424.0 mm  |
| (C) | 21.0°     | (L) | 44.5°     |
| (D) | 186.0 mm  | (M) | 92.0°     |
| (E) | 1082.0 mm | (N) | 1727.0 mm |
| (F) | 2657.0 mm | (O) | 2009.0 mm |
| (G) | 3327.0 mm | (P) | 1375.0 mm |
| (H) | 24.0°     | (Q) | 1633.0 mm |
| (I) | 2238.0 mm |     |           |

## Attachments

|  |                  |
|--|------------------|
| Auger  | Pallet fork      |
| Breaker, hydraulic                               | Snow blade       |
| Buckets  | Sweeper          |
| Combination bucket                               | Tiller           |
| Drop hammer                                      | Trench compactor |
| Grapples – farm fork / utility, industrial, root | Trencher         |



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