

# S450 — SPECIFICATIONS

## Machine Rating:

|  |               |
|--|---------------|
| Rated Operating Capacity (ISO 14397-1) | 608 kg        |
| Tipping Load                           | 1215 kg       |
| Pump Capacity                          | 63.21/min     |
| System relief at quick couplers        | 22.4-23.1 Mpa |
| Travelling Speed                       | 0-11.4 km/h   |

## Engine:

|   |                 |
|---|-----------------|
| Make / Model                                | Kubota / V2203  |
| Fuel  | Diesel          |
| Cooling                                     | Liquid          |
| Maximum Power (SAE J 1995 Gross) @ 2800 rpm | 36.4 kW (49 hp) |
| Torque (SAE J1995 Gross) @ 1700 rpm         | 149.8 Nm        |
| Number of Cylinders                         | 4               |
| Displacement                                | 2196 cm         |
| Fuel Tank                                   | 54.50 L         |

## Weights:

|                  |         |
|------------------|---------|
| Operating Weight | 2365 kg |
|------------------|---------|

## Controls:

|                                 |   |
|---------------------------------|---|
| Vehicle Steering                | Direction and speed controlled by two hand levers   |
| Loader hydraulics tilt and lift | Separate foot pedals or optional Advanced Control System (ACS) / 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:

|  |                                  |
|--|----------------------------------|
| Automatically activated glow plugs                             | Instrumentation                  |
| Auxiliary hydraulics:  | Lift arm support                 |
| Bab-Tach frame   | Operating lights, front and rear |
| Bobcat Interlock Control System (BICS)                         | Parking brake                    |
| 10 x 16.5 10 ply, Severe duty tire                             | Seat belt                        |
| Electrically activated proportional front auxiliary hydraulics | Seat bar                         |
| Engine / hydraulics system shutdown                            | Spark arrester muffler           |
| ROPS/FOPS Cabin  | ARAI Certification               |
| Backup Alarm   |                                  |

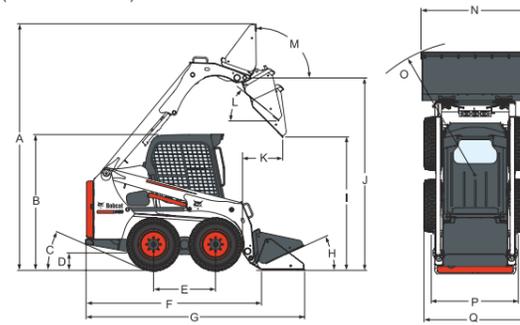
Roll Over Protective Structure (ROPS) meets requirements of SAE J1040 and ISO 3471; Falling Object Protective Structure (FOPS) meet requirements of SAE J1043 and ISO 3449, level 1

## Options:

|  |                                      |
|--|--------------------------------------|
| Deluxe Instrument Panel                                | Advanced Control System (ACS)        |
| Power Bob-Tach   | Selectable Joystick Controls (SJC)   |
| Cab enclosure  | Air ride seat with 2 point seat belt |
| Cab enclosure with HVAC                                | Radio                                |
| Hydraulic bucket positioning (including ON/OFF switch) | Strobe                               |
| Solid tyres  |                                      |
| Beacon   |                                      |

## Dimensions:

(dimensions in mm)



|   |           |   |           |
|---|-----------|---|-----------|
| A | 3559.0 mm | J | 2781.0 mm |
| B | 1976.0 mm | K | 587.0 mm  |
| C | 23°       | L | 40°       |
| D | 213.0 mm  | M | 91°       |
| E | 899.0 mm  | N | 1575.0 mm |
| F | 2502.0 mm | O | 1941 mm   |
| G | 3173.0 mm | P | 1222 mm   |
| H | 28°       | Q | 1488.0 mm |
| I | 2157.0 mm |   |           |

## Attachments:

|                                   |                               |
|-----------------------------------|-------------------------------|
| Angle Brooms                      | Planers                       |
| Augers                            | Root Grapples                 |
| Backhoes                          | Scarifiers                    |
| Bale Forks                        | Scrapers                      |
| Breakers                          | Seeders                       |
| Brush Saws                        | Skeleton Buckets              |
| Concrete Mixers                   | Snow & Light Material Buckets |
| Construction / Industrial Buckets | Snow Blades                   |
| Diggers                           | Snowblowers                   |
| Dozer Blades                      | Snow Pushers                  |
| Dumping Hoppers                   | Snow V-Blades                 |
| Fertilizer Buckets                | Sod Layers                    |
| General Purpose Buckets           | Soil Conditioners             |
| Grapples, Industrial              | Water Kits                    |
| Landplanes                        | Spreaders                     |
| Landscape Rakes                   | Stabilizers                   |
| Low Profile Buckets               | Sweepers                      |
| Whisker Brooms                    | Tillers                       |
| Mowers                            | Tilt-Tatch                    |
| Packer Wheels                     | Tracks                        |
| Pallet Fork Accessories           | Trenchers                     |
| Pallet Forks, Hydraulic           | Utility Forks                 |
| Pallet Forks, Standard            | Utility Frames                |
|                                   | Vibratory Rollers             |

Specifications and design are subject to change without notice. Pictures of Bobcat products may show other than standard equipment.



# Bobcat®

## SKID STEER LOADERS

# S450



Scan to visit website



# Bobcat®

Doosan Bobcat India Pvt. Ltd.,

6th Floor, HTC Towers, No.41, GST Road,  
Guindy, Chennai - 600 032, India.

☎ +91 96000 04852 ✉ bobcatindia@doosan.com

🌐 www.bobcat.com

# COMPACT, COMFORT AND CONTROL

Picture the acclaimed cab of the 500 series loaders on this compact machine. For the first time in this class, large machine comfort and technology are built into a compact: for greater operator space, comfort and control.

New cab-forward design gives you greater visibility and safety.

Largest cab door on this size of machine.

HVAC and pressurized cab as a first on a machine of this size.



## Performance and Control

Redesigned hydraulic and transmission systems for improved productivity.

New lift arm design for flatter lift curve and use of dual tilt cylinders.

Optional Selectable Joystick controls have operator seat mounted joysticks for increased control and comfort. Plus, 2-speed option for faster travel speed.



## Uptime

New frame and lift arms for greater durability in heavy-duty applications.

Integrated rear bumper extends beyond the frame to protect the tailgate.

Long-life hydraulic oil filter extends service intervals.

Automatic drive belt tensioner.



## Serviceability

Improvements to key service components:

Battery access and fuse box.

Air filter access and cover.

Hydraulic tank level and filters.

Easy clean cooling package.

Simplified grease points.

