

# COMPACT LOADERS S450



# 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.



#### Parformance 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.



ENGINE	
Make / Model	Kubota / V2203-M-DI-E2B-BC-3
Fuel	Diesel
Cooling	Liquid
Power at 2400 RPM	36.4 kW
Torque at 1425 RPM (SAE JI 995 Gross)	150.0 Nm
Number of cylinders	4
Displacement	2196 cm3
Fuel tank	54.50 L

WEIGHTS	
Operating weight	2240 kg
Shipping weight	2052 kg
CONTROLS	

Vehicle steering	Direction and speed controlled by tw hand levers
Loader hydraulics tilt and lift	Separate foot pedals or optional Advanced Control System (ACS) 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
   Bob-Tach™ frame
- Bobcat Interlock Control System (BICS)
- 10 x 16.5, 10-ply, Heavy duty tyres
- Deluxe operator cab Includes interior cab foam, side, top
- · and rear windows, Deluxe wire harness, dome light, and electrical power port 1
- · Electrically activated proportional front auxiliary hvdraulics
- · Engine/hydraulics system shutdown

- Instrumentation
- · Lift arm support
- Noise reduction kit
- Operating lights, front and rear
- Parking brake
- Seat belt
- Seat bar
- Spark arrestor muffler
- CE certification
- Warranty: 12 months or 2000 hours (whichever occurs first)

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**

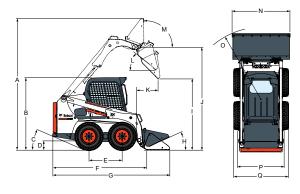
- · Deluxe instrument panel
- Power Bob-Tach™
- Cab enclosure
- Cab enclosure with heating
- Cab enclosure with HVAC
- Hydraulic bucket positioning (including ON/OFF switch)
- 10 x 16.5, 10-ply, Severe duty tyres
  10 x 16.5, 12-ply, Severe duty tyres, poly filled
- 10 x 16.5, Solid Flex tyres
- Advanced Control System (ACS)
- Selectable Joystick Controls (SJC)
- Air ride seat with 2 point seat belt
- Strobe Back-up alarm
- Beacon

#### **ENVIRONMENTAL**

Operator LpA(98/37 & 474-1)	87 dB(A)
Noise level LWA(EU Directive 2000/14/EC)	101 dB(A)
Whole body vibration (ISO 2631—1) High speed	1.29 ms-2
Whole body vibration uncertainty	0.52 ms-2
Hand-arm vibration (ISO 5349—1) High speed	1.73 ms-2

#### **DIMENSION**

All dimensions in mm.



Α	3558.0 mm	J	2781.0 mm
В	1976.0 mm	K	587.0 mm
C	23°	L	40°
D	214.0 mm	М	96°
E	900.0 mm	N	1575.0 mm
F	2502.0 mm	0	1940.6 mm
G	3172.0 mm	Р	1221.7 mm
Н	26°	Q	1490.0 mm
1	2157.0 mm		

# **ATTACHMENTS**

**Angle Brooms** Augers Backhoes Bale Forks Breakers Brush Saws **Bucket Adapters** Concrete Mixers Construction / Industrial **Buckets** Cutter Crushers Diagers Dozer Blades **Dumping Hoppers** Fertilizer Buckets Flail Cutters General Purpose Buckets Graders Grapples, Industrial Landplanes Landscape Rakes Laser Equipment Low Profile Buckets Mowers Packer Wheels Pallet Fork Accessories Pallet Forks, Hydraulic Pallet Forks, Standard

Planers **Root Grapples** Scarifiers Scrapers Seeders Skeleton Buckets Snow & Light Material Buckets **Snow Blades** Snowblowers **Snow Pushers** Snow V-Blades Sod Layers Soil Conditioners Spare Wheels Spreaders Stabilizers Sweepers Tilt-Tatch Tracks Trenchers Utility Forks Utility Frames Vibratory Rollers Water Kits Whisker Brooms



