



Doosan Infracore  
Construction Equipment



# S650

Skid Steer Loader



AIR CONDITIONED CABIN



One Tough Animal™

# S650 Turbo-Skid Steer Loader

## Specifications :

S650

### Performance :

Rated Operating Capacity (SAE J732)	2690 lbs. (1220 kg)
ROC With 200 lb. Frame Mounted Counterweight Kit	2840 lbs. (1288 kg)
ROC With 300 lb. Frame Mounted Counterweight Kit	2890 lbs. (1311 kg)
Tipping Load (SAE)	5380 lbs. (2440 kg)
Hydraulic Pump Capacity	23.0 GPM (87.1 L/min) @ high idle
High Flow Option	30.5 GPM (115.5 L/min) @ high idle
Operating Weight (SAE)	8327 lbs. (3777 kg)
Travel Speed—Single Speed	7.1 mph (11.4 km/hr)
Travel Speed—Two Speed option	7.1/12.3 mph (11.4/19.8 km/hr)
Bucket Capacity (std)	0.5 cu.m (17.6 cu.Ft)

### Dimensions :

Length with Standard Bucket	136.8" (3474 mm)
Height with Operator Cab	81.3" (2065 mm)
Height to Bucket Hinge Pin	124.0" (3149 mm)
Width (Over Standard Tires)	72.1" (1832 mm)
Width (Over Bucket)	74" (1880 mm)

### Engine :

Make/Model	Kubota/V3307-DI-TE3
Emissions Tier (EPA)	Interim Tier IV
Fuel/Cooling	Diesel/Liquid
Number of Cylinders	4
Horsepower, (SAE Gross)	74.3 HP (55.4 kW)
Displacement	203 cu. in. (3.3 L)
Fuel Tank	27.3 gals. (103.3 L)

### Operation :

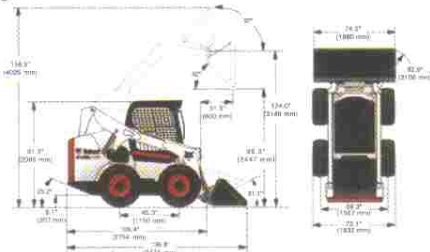
Steering and Drive	Vehicle Steering - forward, reverse, travel speed and steering controlled by two independent hand levers. Raise / Lower Lift Arms and Bucket Dump / Rollback, Controlled by separate foot pedals or optional Advanced Control System (ACS) or optional Selectable Joystick Controls (SJC)
Hydraulics	Hydrostatic Four-Wheel Drive
Transmission	

### Standard Features :

- Adjustable Cushion Seat
- Automatically Activated Glowplugs
- Bobcat Interlock Control System (BICS™)
- Bob-Tach
- Standard Cab
- Dual Path Cooling System
- Engine/Hydraulic Shutdown
- Front Auxiliary Hydraulics
- Front & Rear Lights
- Lift Arm Support
- Gauges/Warning Lights
- Operator Brake
- Seat Bar
- Seat Belt
- Tires : 12 x 16.5
- Turbo-Charger (Approved Spark Arrestor)
- Alarm Package (Backup Alarm and Horn)

### Options/Accessories :

- Advanced Control System (ACS)
- Air Conditioning
- Attachment Control Kit
- Bobcat Heavy-Duty Tyres
- Heavy Duty O&S set
- Cab Enclosure
- Cab Heater
- Catalytic Purifier
- Counterweight
- Solid Tires
- Deluxe Instrument Panel
- Flasher/Strobe/Rotating Beacon Lights
- Joystick Control
- Suspension Seat
- Hydraulic Bucket Positioning
- High Flow Option
- Power Bob-Tach
- Ride Control



\*Product improvement is a continuing goal at Doosan. Design and specifications are subject to change without notice or obligation.



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## Bobcat S650 Skid Steer Loader... Greater Performance, Visibility, Comfort and Value !

### Greater Performance

Vertical-path lift arms deliver added performance on every jobsite:

- More lift capacity.
- More lift height and reach for truck loading.

### Greater Visibility

The low-profile, vertical-path lift arm design and innovative cab enhance the operator's view to key areas during operation: the sides, front and rear corners of the loader. Even with the optional front door, the S650 offers good visibility. As any operator will tell you, a better view of the work area means greater efficiency.

### Greater Comfort

The cab is designed with the operator in mind, for optimum comfort and functionality. And with its larger opening and dual-tilt cylinder lift arm design, it's easy to enter and exit. The seat bar pivots from the rear, providing secondary restraint protection; it's also a comfortable armrest for operators of all sizes. Plus, the work light design doubles the amount of illumination to the work area for better operation in low-light areas.

### Greater Options

- Factory- or field-installed, easy-to-read deluxe instrument panel.
- High-flow auxiliary hydraulics to operate attachments requiring high hydraulic horsepower, such as planers and stump grinders.
- Full suspension seat for all-day operator comfort.

### Greater Value

Couple these features with proven power, smooth ride and vertical lift path capabilities and you've got a skid-steer loader that delivers top performance, no matter what the job. Get in the seat of a S650 today for a great view and an even greater value!

**S650**

**1220 kg**

Rated Operating Capacity

**3149 mm**

Lift Height

**74.3 HP**

Turbo-Charged, Liquid-Cooled Diesel Engine

#### Optional Deluxe Instrument Package Includes:

- Coolant Temperature & Oil Pressure
- Diagnostic Capability
- Engine RPM
- Digital and Job Clocks
- Hydraulic Oil Temperature
- Engine/Hydraulic Systems Shutdown Function
- Hydrostatic Charge Pressure
- Help Screens
- System Voltage
- Keyless Start
- Multi-Language Display
- Password Lockout
- High Flow Lockout
- Two-Speed Lockout

NOTE - Where applicable, dimensions are in accordance with Society of Automotive Engineers (SAE) and ISO standards. Specifications and design are subject to change without notice. Pictures of Bobcat loaders may show other than standard equipment. All dimensions are given for loader equipped with standard tires. Bobcat Company complies with the requirements of ISO 9001 as registered with BSI.

1 Operating capacity rated with standard digging bucket according to SAE standard J818 - OPERATING CAPACITY TO EQUAL NO MORE THAN ONE HALF THE TIP LOAD.

2 Bucket positioning helps operator keep the same tilt of the load during lifting.

3 Special applications kit (see #3) must be used.

## Bobcat attachments :

- Auger
- Backhoe
- Bale Forks
- Box Blade
- Breakers
- Brush Saw
- Brushcat Rotary Cutter
- Buckets
- Bucket Adapter
- Chipper
- Digger
- Dozer Blade
- Dumping Hopper
- Flail Cutter
- Grader
- Landplane
- Landscape Rake
- Mower
- Packer Wheel
- Pallet Forks - Standard
- Pallet Forks - Hydraulic
- Planer
- Pole Grapple
- Scarifier
- Scraper
- Seeder
- Silt Fence Installer
- Snow Blade
- Snow V-Blade
- Snowblower
- Sod Layer
- Soil Conditioner
- Spreader
- Stump Grinder
- Sweeper
- Three-Point Hitch Adapter
- Tiller
- Tilt-Tatch
- Trencher
- Utility Forks
- Utility Frame
- Vibratory Roller
- Wheel Saw
- Whisker Broom

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