



BC502-SC

Seal Coat Spreader



Seal Coat Spreader FEATURES

- All spread, circulate & load functions are selected from the cab or side control
- Heavy duty 4.75 cu. in (75 cc) Sauer-Danfoss hydrostatic piston pump
- Cab control of the GSY, spray-bar asphalt valves, diagnostics, spray-bar raise, lower, side shift and spray-bar flush
- Break away wings to prevent damage if an object is struck while spreading product, shear pin replaceable in less than one minute
- On-Board Diagnostics

BC-502-SC Super Spreader

BC502 Seal Coat Spreader Truck Specifications and Benefits

Product Pump Components

- Product pump 0.60 G/rev (1.70 L/rev) 480 GPM (1515 LPM) max, (large pump inlet porting).
- 4 in (7.62 cm) pump intake plumbing.
- 5 in (9.53 cm) tank valve.
- Large capacity suction strainer.
- Spray bar serviceable screen.
- BearCat's Exclusive Electronic asphalt valve selector.
- PTO front-mounted hydraulic system standard.

Spraybar and Components

- Full circulating spray bar.
- Break away wings to prevent damage if an object is struck while spreading product, shear pin replaceable in less than one minute.
- Spray-bar 12 ft -16 ft (3.6 m -4.9 m) w/ 1 ft (0.3 m) cuts.
- 8 ft (2.5 m) main bar w/various wing options.
- Rubber asphalt, 3 in (7.62 cm) bar feed hoses.
- Manual Spray Bar Angle Adjustment.
- Fully immersed spray poppet valves.



Leading the world in the manufacturing of high production precision asphalt systems, BearCat has built a reputation for being the "go to" place for seal coating, computer controlled asphalt and aggregate spread systems.



BearCat Mfg.
3650 Sabin Brown Road
Wickenburg, AZ 85390
Ph: 928-684-7851
Fax: 928-684-5876
www.bearcatmfg.com

As a part of product improvement, BearCat Mfg. Inc. reserves the right to make changes in any of BearCat's product specifications at any time.
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Hydraulic System

- Heavy duty 4.75 cu. in (75 cc) Sauer-Danfoss hydrostatic piston pump.
- High Pressure Piston motor 1.53 cu. in (25 cc) w/internal loop flushing valve.
- Hydrostatic motor runs through a 3.5 to 1 gearbox for precision control of light shots.
- Spray-bar raise/lower, wing raise/lower, spray-bar side shift functions supplied by a V10 vane pump.
- Hydraulic tank 20 gal (75 liters) w/ suction strainers & return line filter.

Tank Specifications

- Truck tank sizes from 1,500 to 3,500 gallon (5,678 to 13,249 liter).
- Shell: HR sheet steel 10 gauge.
- Heads: Mild steel plate 3/16 in (4.76 mm).
- Full Sweep Agitation with Cab Controls.

Water System

- 90 Gallon Poly Water Tank
- Front Spray Bar.
- Optional 2nd 90 Gallon Water Tank

Computer Rate Control System (CRC)

- CRC control, cab mounted for full spreading operation from drivers seat.
- All electrical connectors and controllers IP67 rated (pressure wash-down).
- Any non-IP67 rated connectors are crimped and soldered to prevent corrosion of terminals and copper wiring.
- 12 VDC control system.
- Computer Rate Control (CRC), uses closed loop control to control the spread rate of the asphalt pump.
- Cab control of the GSY, spray-bar asphalt valves, diagnostics, spray-bar raise, lower, side shift and spray-bar flush.
- All computer nodes use a two wire CAN communication system.
- The air-valve banks are CAN communication as well, which greatly reduces wiring. BearCat left side mounted computer controlled valve selector.