

RB50 Self Propelled Broom

Rosco
A LeeBoy Company



Performance Features:

The RB50 provides best-in-class, aggressive sweeping in a rugged design. This self-propelled broom features well-thought-out control placement and heightened visibility that makes this machine extremely easy to operate for drivers of all experience levels. Perfect for general application sweeping to highway use, the RB50 incorporates the notable quick-change brush system which allows one person the ability to switch the brush core within minutes.

- 74 hp (55 kw) Hatz Tier 4 Final Diesel Engine *
- 6,710 lbs (3,043 kg) weight with water
- 7' 6" (2.28 m) Diameter Heavy-Duty Frame with PolyTube Brush
- Optional 150 gallon (568 l) Tank
- Joystick Control for Travel and Broom Functions
- Hydrostatic Drive
- 10' (3.05 m) Inside & 18' 9" (5.71 m) Outside Turning Radius
- Variable Brush Down-Pressure Control
- Canopy or Climate-Controlled Cab Configurations



RB50 Broom Specifications



Dimensions	<ul style="list-style-type: none"> - Length: 15' 6" (4.73 m) - Width: 7' 9" (2.43 m) not tilted - Height: 8' 5" (2.56 m) w/ ROPS, shipping 9' 5" (2.87 m) w/ ROPS and beacon, operating - Wheelbase: 11' 8" (3.556 m) - Turning Radius: 10' (.305 m) inside 18' 9" (5.715 m) outside - Total Weight: 5,510 lbs. (2,499 kg) w/o water 6,710 lbs. (3,043 kg) w/ water 	Brush	<ul style="list-style-type: none"> - Joystick control - Variable down pressure control - Quick change design allows operator to change out brush quickly without tools - Drive mechanism consists of direct hydraulic motor enclosed in broom core
Engine	<p>Hatz diesel, Tier 4 Final – 74 hp (55 kw)* <i>* PLEASE NOTE: Tier 4 Interim 74hp (55kw) max @ 2,500 rpm Hatz diesel 4H50TI is available as required in non-US markets</i></p>	Brush Frame	<ul style="list-style-type: none"> - 7' 6" (2.28 m) x 32" (.81 m) diameter poly tube - Sweep angle: 45° left or right - Speed 200 rpm, variable by engine speed
Capacities	<ul style="list-style-type: none"> - Fuel: 30 gallons (114 l) - Hydraulic reservoir: 25 gallons (95 l) 	Additional Standard	<ul style="list-style-type: none"> - Canopy with ROPS - Seat with safety belt, horn, dual west coast style mirrors and dome light - Two LED head lights, stop, turn, tail, rear working lights and amber strobe light
Transmission	<ul style="list-style-type: none"> - Hydrostatic drive - Speed infinitely variable, 0 to 12 mph (19 kph), low 0 to 22 mph (35 kph), high range 	Optional Equipment	<ul style="list-style-type: none"> - Cab air quality kit - Fully enclosed cab w/over cab rollover protective structure (ROPS) - Air conditioner and heater, cab model only - Brush watering system with 150 gallon (568 l) tank - Combination poly wafers (in lieu of poly tube) - Combination poly/steel wafers (in lieu of poly tube) - Poly/steel tube brush (in lieu of poly tube) - Forward/reverse brush rotation - Rear wiper and washer assembly, cab model only - Front strike-off blade - Curb brush - Spare tire and mount - Suspension seat assembly - Back-up/reverse camera with in-cab color display - Radio/CD cab install
Front Axle	<ul style="list-style-type: none"> - Heavy-duty, truck type, oscillating - Tires: ST 225 x 75-15R, load range E - Rim: 4 steel disc type, 15" x 6" 		
Rear Axle	<ul style="list-style-type: none"> - Heavy-duty, limited slip differential 		
Brakes	<ul style="list-style-type: none"> - Two wheel wet disk type brakes - Hand operated parking brake - Foot operated de-stroke breaking of the hydrostatic drive 		
Hydraulic System	<ul style="list-style-type: none"> - Two separate circuits, one for travel, one for brush control and power steering 		
Instrumentation	<ul style="list-style-type: none"> - Digital display that includes oil pressure, water temperature, voltmeter, tachometer, hour meter and fuel gauge 		



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