

CB95 Self Propelled Broom



Performance Features:

The CB95 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 CB95 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



CB95 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 4H50T1 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 - Suspension seat with safety belt, horn, dual west coast style mirrors and dome light - Tilt steering column - 2 convex spot mirrors - Two LED head lights, stop, turn, tail, rear working lights and amber strobe light - 2 year standard warranty
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 filtration and pressure monitor system (MERV 16 rated) - Fully enclosed cab w/over cab rollover protective structure (ROPS) - Air conditioner and heater, cab model only - Brush watering system with 150 gallon 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 only - Front windshield washer, wiper standard - 7' 6" Front strike-off blade - Front wheel fenders - Curb brush - Spare tire and mount - Back-up/reverse camera with in-cab color display, cab model only - Telescoping steering column, tilt standard - Extended air intake, above cab - Foot pedal transmission, in lieu of joystick - Radio/CD/Bluetooth 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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Challenger 7 Self Propelled Broom

Rosco
A LeeBoy Company



The Challenger 7 front-mounted broom exhibits all of the high-end features you could expect from a self propelled broom. Serving as a pleasurable amenity, the quick-change core system allows the brush to be changed swiftly with no tools required. Ergonomic joystick controls provide simple-to-use travel and broom functions while also granting a 3 foot turning radius for the ultimate maneuverability. In addition to an extra-heavy duty frame, the Challenger 7 features a high-raise lift to ensure easy trailer loading and unloading.

Performance Features:

- 74 hp (55 kw) Cummins Tier 4 Final Diesel Engine
- 7,500 lbs (3,401 kg) weight
- Choice of 7' 6" (2.28 m) or 8' (2.43 m) Heavy-Duty Frame with Poly-Steel Tube Brush
- 150 gallons (568 l) Rear-Mounted Brush Watering System
- Joystick Control for Travel and Broom Functions
- Hydrostatic Drive
- Rear Steering for 3' (.91 m) Turning Radius
- Variable Brush Down-Pressure and Brush Speed Control
- Single Door ROPS Climate-Controlled Cab



Challenger 7 Broom Specifications



Dimensions	<ul style="list-style-type: none"> - Length: 18' 6" (5.63 m) with water 15' 3" (4.64 m) without water - Width: 8' 6" (2.59 m) not tilted - Height: 9' 5" (2.87 m) with beacon - Wheelbase: 5' 5" (1.65 m) - Turning Radius: 3' (.91 m) - Total Weight: 7,500 lbs. (3,401 kg) w/ water
Engine	Cummins turbocharged diesel, Tier 4 Final – 74 hp (55 kw)
Capacities	<ul style="list-style-type: none"> - Fuel: 35 gallons (132 l) - Hydraulic reservoir: 24 gallons (91 l)
Transmission	<ul style="list-style-type: none"> - Hydrostatic drive - Speed infinitely variable, 0 to 15 mph (24 kph)
Front Axle	<ul style="list-style-type: none"> - Heavy-duty, limited slip differential - Tires: 8.75 x 15 in, load range E, highway tread - Rim: 4 steel disc type, 15 x 6.57 in
Rear Axle	- Heavy-duty truck type, oscillating
Brakes	<ul style="list-style-type: none"> - Dynamic braking with two wheel drive axle disc type brakes in oil bath - Hand operated parking brake - Foot operated de-stroke breaking of the hydrostatic drive
Hydraulic System	- Two separate circuits, one for travel, one for brush control and power steering
Main Frame	- .75 x 12" (19 x 305 mm) plate steel and 2" x 6" (51 x 152 mm) rectangular A 500 tubing with .25" (6 mm) wall thickness
Instrumentation	<ul style="list-style-type: none"> - PV 101 digital display includes: oil pressure, water temperature, voltmeter, tachometer, hour meter - Fuel gauge

Brush	<ul style="list-style-type: none"> - Joystick control of swing and up/float motions - Variable down pressure, brush rotation, speed control - Quick change design allows operator to change out brush quickly without tools - Driven hydraulic by separate pump and heavy duty motor, independent of propulsion circuit
Brush Frame Choices	<ul style="list-style-type: none"> - 7' 6" (2.28 m) heavy-duty frame with poly-steel tube brush, 32" (.81 m) diameter, 7' 6" (2.28 m) long, sweep angle: 35° left or right, variable speed 0 to 180 rpm, brush frame is welded, heavy gauge steel - 8' (2.43 m) heavy-duty frame with poly-steel tube brush, 32" (.81 m) diameter, 8' (2.43 m) long, sweep angle: 35° left or right, variable speed 0 to 180 rpm, brush frame is welded, heavy gauge steel
Additional Standard	<ul style="list-style-type: none"> - Fully enclosed ROPS cab with air conditioner, heater and defroster - Seat with safety belt, horn, dual west coast style mirrors and dome light - Tinted safety glass - Rear-mounted brush watering system, 150 gallon tank (568 l) with brush spraybar, electric pump and filter - Two LED head lights, stop, turn, tail, rear working lights and amber strobe light - Back-up alarm - Toolbox
Optional Equipment	<ul style="list-style-type: none"> - Cab air filtration and pressure monitor system (MERV 16 rated) - 8' heavy-duty frame, poly/steel tube brush - Combination poly wafers or poly/steel wafers - Rear wiper and washer assembly - Front windshield washer, wiper is standard - Suspension seat assembly w/ safety belt - Back up/reverse camera w. in-cab color display - Radio/CD/Bluetooth w/ dual speakers & remote - Cold weather package, block heater - Additional options available, visit LeeBoy.com



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FB55 Self Propelled Broom



Performance Features:

The broom for professionals, the FB55 offers many advantages linked to simple operation and superior sweeping action. The multi-functional joystick control lever combined with fingertip controls provide precision movement during operation. The standard configuration features wrap around windows that give the operator remarkable visibility while residing in the comfortable fully-enclosed cab. Requiring only one person, the quick-change core system permits the replacement of a brush in minutes limiting downtime.

- 74 hp (55 kw) Hatz Diesel Engine
- 6,900 lbs (3,129 kg) weight with water
- 7' 6" (2.28 m) Diameter Heavy-Duty Frame with PolyTube Brush
- Joystick Control for Travel and Broom Functions
- Hydrostatic Drive
- Variable Brush Speed and Down-Pressure Control
- Heavy Duty Gear Pump and Brush Motor
- Fully Enclosed Cab with ROPS and Sliding Window
- Suspension Seat and Tilt Steering Column
- **Optional Side-Shift Broom**



FB55 Broom Specifications



Dimensions	<ul style="list-style-type: none"> - Length: 15' 6" (4.73 m) - Width: 7' 9" (2.36 m) not tilted - Height: 9' 1" (2.76 m) - Wheelbase: 7' 3" (2.2 m) - Turning Radius: 4' 2" (1.274 m) - Total Weight: 6,900 lbs. (3,129 kg) w/ water 	Brush	<ul style="list-style-type: none"> - Joystick control - Variable down pressure and speed control - Quick change design allows operator to change out brush quickly without tools - Drive mechanism consist of direct hydraulic motor enclosed in broom core
Engine	Hatz diesel, 74 hp (55 kw)	Brush Frame	<ul style="list-style-type: none"> - 7' 6" (2.28 m) x 32" (.81 m) diameter poly tube - Sweep angle: 30° left or right standard (50° right and left with side-shift option) - Heavy-duty 11 gauge steel brush cover with 4 x 4 x 1/4 steel tube brush frame
Capacities	<ul style="list-style-type: none"> - Fuel: 30 gallons (114 l) - Hydraulic reservoir: 25 gallons (95 l) 	Additional Standard Equipment	<ul style="list-style-type: none"> - Fully enclosed cab with ROPS - Suspension seat with armrest and safety belt, sliding window, horn, dome light, defroster fan, 12V outlet, e-stop, cup holder - Tilt steering column - Dual West Coast & 2 convex safety mirrors - Two LED head lights, stop, turn, tail, rear working lights and amber strobe light - 2 year standard warranty
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"> - Side-shift brush head, 18" right and left - Self-loading brush core system - Cab air filtration and pressure monitor system (MERV 16 rated) - Air conditioner and heater - Two 75 gallon water tanks with spraying system - 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 - Front windshield washer, wiper is standard - Spare tire and mount - Back-up/reverse camera with in-cab color display, cab model only - Radio/CD/Bluetooth w/ dual speakers & remote - Telescoping steering column, tilt standard - Extended air intake, above cab - Foot pedal transmission, in lieu of joystick
Front Axle	<ul style="list-style-type: none"> - Heavy-duty, limited slip differential - 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 truck type, oscillating 		
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 		
Heavy-Duty 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"> - PV 380 digital display - Oil pressure, water temperature, voltmeter, tachometer, hour meter, fuel gauge 		



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FB90B Self Propelled Broom



Performance Features:

Featuring a front-mounted brush, the FB90B exhibits all of the high-end features you could expect from a self propelled broom. Serving as a pleasurable amenity, the quick-change core system allows the brush to be changed swiftly with no tools required. Ergonomic joystick controls provide simple-to-use travel and broom functions while this unit also grants a 3 foot turning radius for the ultimate maneuverability. In addition to an extra-heavy duty frame, the FB90B features a high-raise lift to ensure easy trailer loading and unloading.

- 74 hp (55 kw) Cummins Tier 4 Final Diesel Engine
- 7,500 lbs (3,401 kg) weight
- Choice of 7' 6" (2.28 m) or 8' (2.43 m) Heavy-Duty Frame with Poly-Steel Tube Brush
- 150 gallons (568 l) Rear-Mounted Brush Watering System
- Joystick Control for Travel and Broom Functions
- Hydrostatic Drive
- Rear Steering for 3' (.91 m) Turning Radius
- Variable Brush Down-Pressure and Brush Speed Control
- Single Door ROPS Climate-Controlled Cab



FB90B Broom Specifications



Dimensions	<ul style="list-style-type: none"> - Length: 18' 6" (5.63 m) with water 15' 3" (4.64 m) without water - Width: 8' 6" (2.59 m) not tilted - Height: 9' 5" (2.87 m) with beacon - Wheelbase: 5' 5" (1.65 m) - Turning Radius: 3' (.91 m) - Total Weight: 7,500 lbs. (3,401 kg) w/ water
Engine	Cummins turbocharged diesel, Tier 4 Final – 74 hp (55 kw)
Capacities	<ul style="list-style-type: none"> - Fuel: 35 gallons (132 l) - Hydraulic reservoir: 24 gallons (91 l)
Transmission	<ul style="list-style-type: none"> - Hydrostatic drive - Speed infinitely variable, 0 to 15 mph (24 kph)
Front Axle	<ul style="list-style-type: none"> - Heavy-duty, limited slip differential - Tires: 8.75 x 15 in, load range E, highway tread - Rim: 4 steel disc type, 15 x 6.57 in
Rear Axle	- Heavy-duty truck type, oscillating
Brakes	<ul style="list-style-type: none"> - Dynamic braking with two wheel drive axle disc type brakes in oil bath - Hand operated parking brake - Foot operated de-stroke breaking of the hydrostatic drive
Hydraulic System	- Two separate circuits, one for travel, one for brush control and power steering
Main Frame	- .75 x 12" (19 x 305 mm) plate steel and 2" x 6" (51 x 152 mm) rectangular A 500 tubing with .25" (6 mm) wall thickness
Instrumentation	<ul style="list-style-type: none"> - PV 101 digital display includes: oil pressure, water temperature, voltmeter, tachometer, hour meter - Fuel gauge

Brush	<ul style="list-style-type: none"> - Joystick control of swing and up/float motions - Variable down pressure, brush rotation, speed control - Quick change design allows operator to change out brush quickly without tools - Driven hydraulic by separate pump and heavy duty motor, independent of propulsion circuit
Brush Frame Choices	<ul style="list-style-type: none"> - 7' 6" (2.28 m) heavy-duty frame with poly-steel tube brush, 32" (.81 m) diameter, 7' 6" (2.28 m) long, sweep angle: 35° left or right, variable speed 0 to 180 rpm, brush frame is welded, heavy gauge steel - 8' (2.43 m) heavy-duty frame with poly-steel tube brush, 32" (.81 m) diameter, 8' (2.43 m) long, sweep angle: 35° left or right, variable speed 0 to 180 rpm, brush frame is welded, heavy gauge steel
Additional Standard	<ul style="list-style-type: none"> - Fully enclosed ROPS cab with air conditioner, heater and defroster - Seat with safety belt, horn, dual west coast style mirrors and dome light - Tinted safety glass - Rear-mounted brush watering system, 150 gallon tank (568 l) with brush spraybar, electric pump and filter - Two LED head lights, stop, turn, tail, rear working lights and amber strobe light - Back-up alarm - Toolbox
Optional Equipment	<ul style="list-style-type: none"> - Cab air filtration and pressure monitor system (MERV 16 rated) - 8' heavy-duty frame, poly/steel tube brush - Combination poly wafers or poly/steel wafers - Rear wiper and washer assembly - Front windshield washer, wiper is standard - Suspension seat assembly w/ safety belt - Back up/reverse camera w. in-cab color display - Radio/CD/Bluetooth w/ dual speakers & remote - Cold weather package, block heater - Additional options available, visit LeeBoy.com



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