

NV55

Self-Propelled Broom

Rosco
A **LeeBoy** Company



Trust LeeBoy.
As Dependable as Your Day is Long.

Engineering Excellence



Powerful sweeping action. Ease of operation.

We are LeeBoy. The name behind the world's most dependable and productive commercial road construction machines. Driven by ingenuity, LeeBoy products are among the most trusted and requested in the industry. Because we understand what drives you - and we deliver.

The broom for professionals, the NV55 is designed for simple operation and superior

sweeping action. Fingertip controls and a multi-functional joystick equipped with controls for floating the brush and swinging the broom left or right provide precise movement and enhance ease of operation on the job site. From municipal residential street sweeping to parking lots, milling and construction sites, the NV55 Broom provides an efficient and effective means for sweeping.

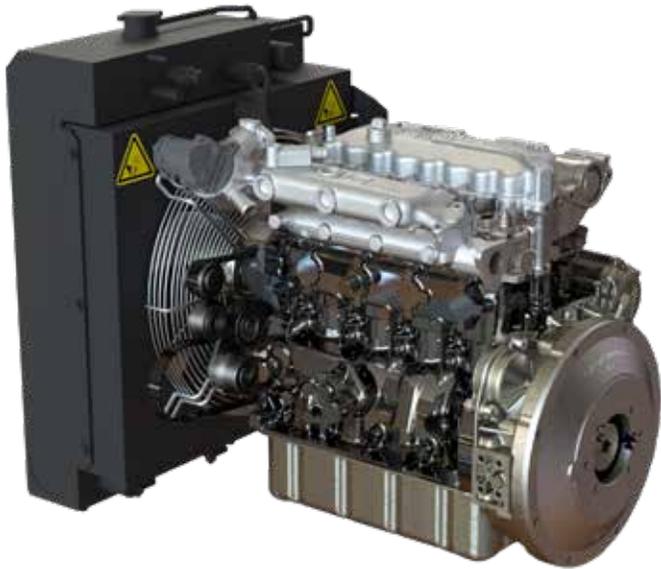
The brush system features a heavy-duty gear pump and brush motor for maximum sweeping applications ranging from road construction and industrial site cleanup to landscaping and snow removal. The standard model broom angles at 30 degrees right or left. If equipped with the optional side shift function, the angle increases to 54 degrees, and the brush head can shift 18 inches outside the vehicle frame in either direction. Its quick-change core requires only one person and no tools to change the brush. A self-load brush option is also available, giving operators the ability to change the brush from the cab.





Heavy-Duty Steel Brush Frame

The brush frame is built with 4 x 4 x 1/4 heavy duty steel tubing while the fully enclosed brush cover is built with 11-gauge steel. The NV55 Broom features a quick-change brush core system with a single swing arm for easily changing the brush - no tools needed.



Hatz 74HP Engine

The Rosco NV55 Broom is powered by a four-cylinder, turbo-charged diesel engine with 74 HP to drive the hydraulic auxiliary pumps for steering and broom control. Requiring no DEF, the engine performs at 2500 RPMs with peak torque at 184 ft lb @ 1600 RPMs and displacement at 119 cu in.



Heavy-Duty Steel Engine Cover

The engine compartment is built with heavy-duty, 11-gauge steel to protect the engine and other components. Large, lockable engine access doors, one on each side, allow easy access for all regular service items.

Ergonomic Cab Comfort



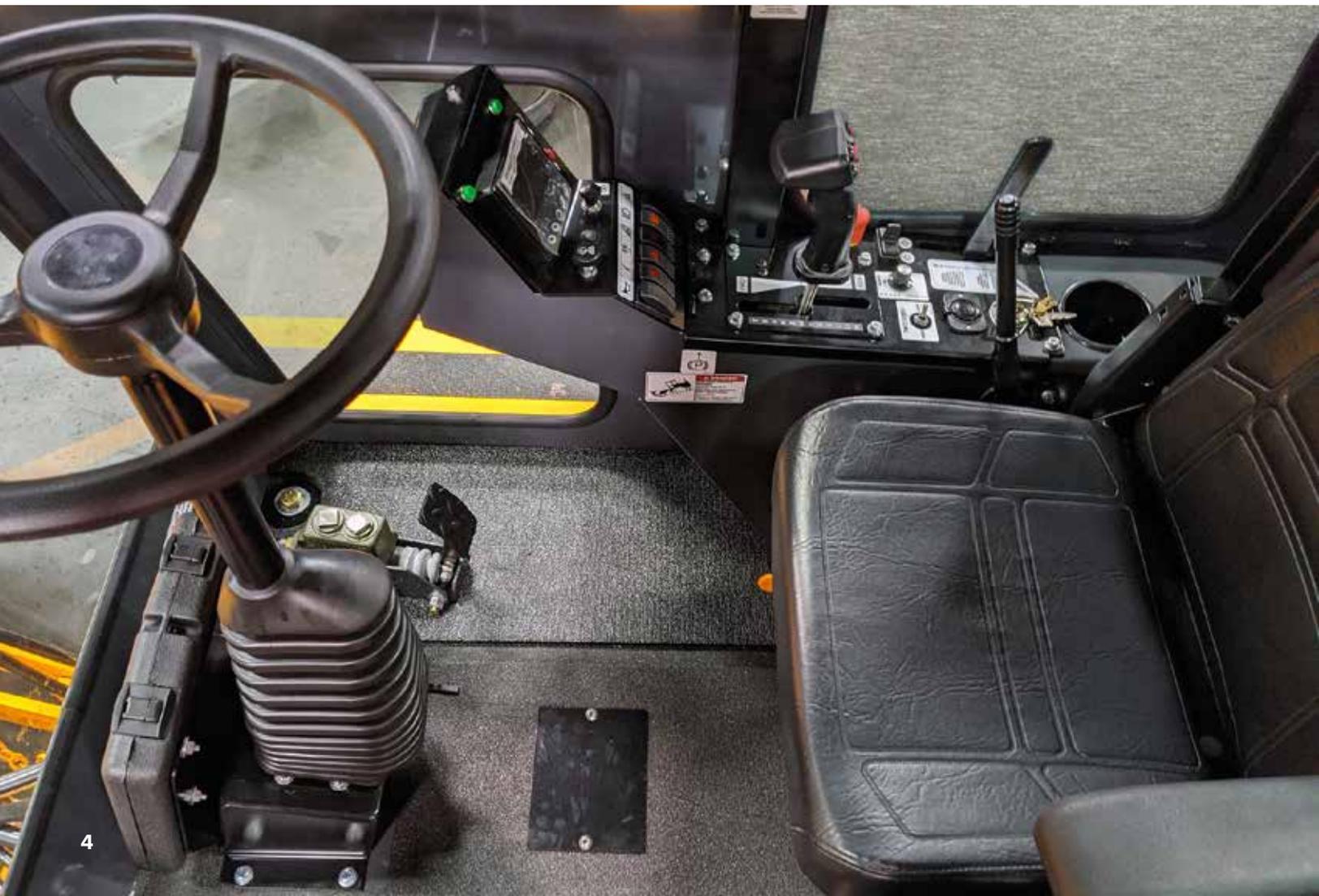
Stylish, sleek design - improved visibility.

From municipal residential street sweeping to parking lots, milling and construction sites, the NV55 Broom provides an efficient and effective means for sweeping.

Equipped with ROPS (Roll Over Protection System), operators enjoy stylish cab comfort, fingertip controls and ease of operation.

The fully-enclosed cab features a suspension seat with armrest and tilt steering column for operator comfort, with optional climate controls for even more cab comfort. Its wrap-around windows allow unlimited visibility.

Various controls and a joystick equipped with controls for floating the brush and swinging the broom left or right enhance efficiency and ease of operation on the job site. Brush speed and down pressure controls give operators more control, while the optional forward and reverse brush rotation feature provides even more flexibility. The multi-functional PV380 digital display unit on the control panel features tachometer, fuel gauge, oil pressure gauge, coolant temperature, voltmeter and hour meter, along with service reminders or fault conditions.





High Visibility Cab

The NV55 Broom features full width front window, dual west coast mirrors, dual convex safety mirrors, and a center rear-view mirror. Its wrap-around windows provide superior operator visibility in all directions. An optional rear windshield wiper and washer are also available.



Sliding Glass Window

The NV55 cab features a sliding glass window on the right side, enabling operators to open for communication with crew as needed. The durable, tinted windows help prevent glare for additional operator safety and comfort.



Operator Comfort

The NV55 Broom comes standard with a tilt steering column and adjustable suspension seat with arm rest, safety belt and 12V outlet. Cab options include AC/heat, back-up camera with color display, telescoping steering column, foot pedal transmission (forward/neutral/reverse) and FM radio/CD player/Bluetooth.

Supreme Sweeping Ability



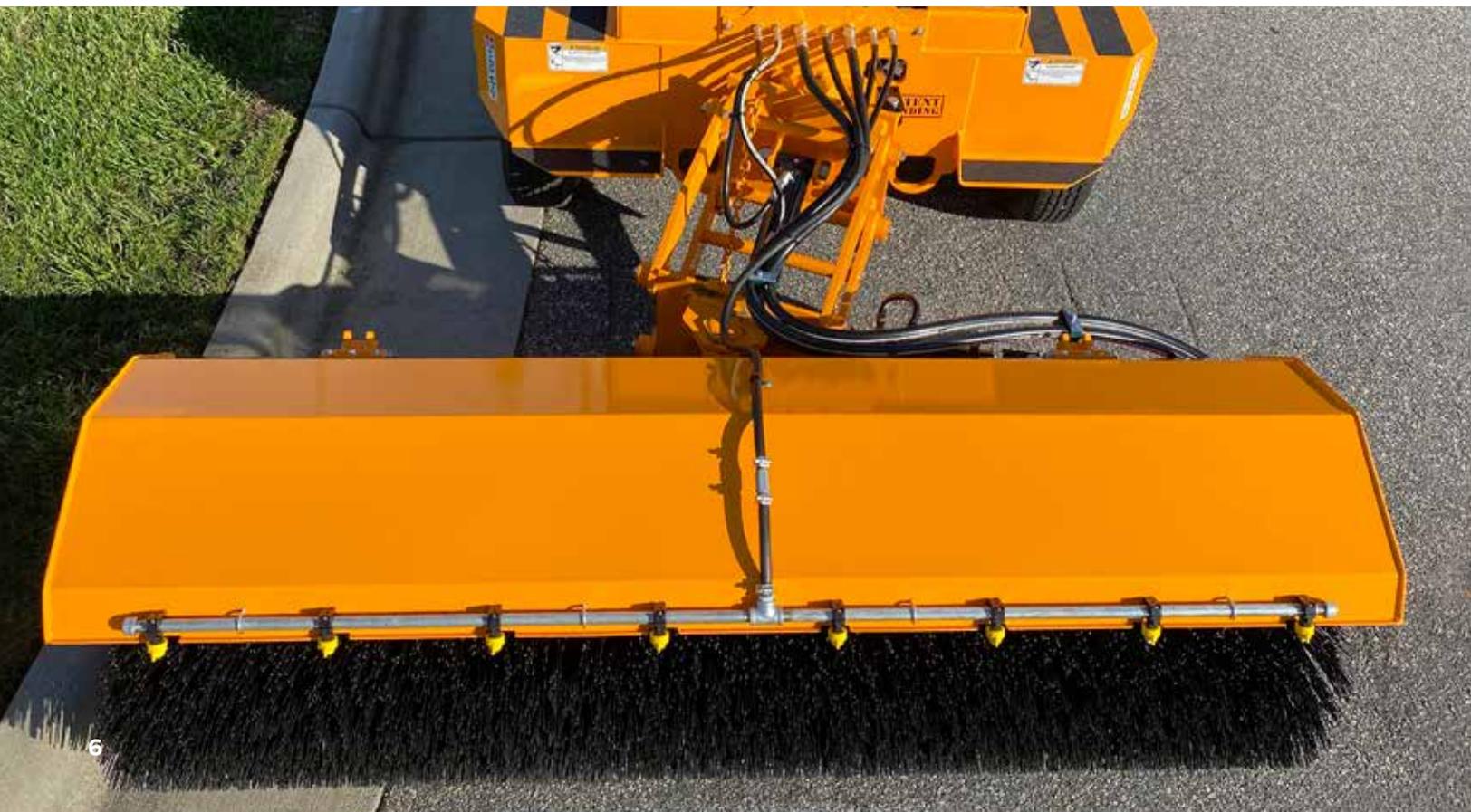
Options for more power and cab comfort.

The Rosco NV55 Broom features exceptional broom control and functionality. The broom is easy to operate for drivers of all experience levels. Because the NV55 can clean large surfaces quickly and efficiently due to its bristle rotation and ability to angle and adjust the brush-down force, it is perfect for a variety of construction, industrial and landscaping applications. A variety of options are available that can elevate its sweeping process to new heights.

The side-shift option is especially useful for sweeping materials to the side or away from curbs, walls or other stationary obstacles. The side shift option is also advantageous for milling road construction projects as it prevents tires from scrubbing as it windrows the millings, sweeping the entire width of the cut in one pass.

For especially dusty conditions, equip your NV55 Broom with the Dust Suppression System for wetting the surface while sweeping in areas where dust and dirt is problematic. Adding the Cab Air Quality Kit to filter harmful toxins from entering the cab while sweeping enhances operator health and comfort. Available for those who prefer, is the optional forward and reverse foot pedal in lieu of joystick transmission control. The optional telescoping steering column coupled with the standard tilt column and adjustable suspension seat adds maximum cab comfort on the job. Add a back-up camera option for excellent rear viewing.

Additional options include cab heat/AC, multiple brush core choices, spare tire with mount, forward and reverse brush rotation, and cab sound system (radio/CD player) with Bluetooth.





Best in Class Side-Shift

The side-shift option adds even more reach and maneuverability to sweep outside the front tires up to 18 inches to either side, away from the machine body. The side-shift option keeps your tires away from the milling cut and off the curbs while sweeping, with angles up to 54 degrees – the largest capability on the market at an economical cost.



More Cab Options

The Telescoping Steering column option allows you to tilt the steering column and adjust your steering wheel for a more comfortable ride. Adding the forward and reverse transmission foot pedal in lieu of the joystick control allows for a broader range of operator driving opportunities.



Cab Air Quality

The Cab Air Quality Kit offers the best line of defense for protecting your operators from exposure to harmful dust. The system is rated MERV 16, delivering a powerful pre-cleaner, filter and pressurizer in a compact unit that saves maintenance costs with longer intervals for filter changes - and less wear on the HVAC system.



Self-Load Brush

The self-load brush option offers the convenience of discarding a used brush core and reloading a new one in less than one minute. The best benefit of this option is the ability to use different brush lengths. The self-load brush option is available for both standard and side-shift models.

LeeBoy 2 Year Standard Warranty

Peace of mind delivered with every machine.

You work hard – and for all the right reasons: pride, quality, reputation, prosperity. You expect your equipment to work as hard as you do, to be every bit as tough, productive and reliable as you are. Designing features that save service time and money is a big part of the LeeBoy tradition.



Brush Speed, Down Pressure

Standard features include brush speed and brush down pressure controls on the control panel. These features allow operators to optimize the sweeping pattern.



Exceptional Turning Radius

A variable displacement two-speed pump provides power to a fixed displacement motor that drives the front axle. The NV55 Broom encompasses a world-class turning radius - rear steering allows for quick changes in direction and the maneuvering of tight corners for efficient sweeping.



Quick Change Brush Core

Zero tools are needed to change the brush core. Simply pull the cover release clasps on each side, open and swing out the brush arm. Slide out the old brush, slide in the new and lock back into place. In only minutes you can be back at the controls, ready to finish the job.

NV55 Broom



Product 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' (2.2 m)- Turning Radius: 4'2" (1.274 m)- Total Weight: 6900 lbs. (3129 kg) w/water
Engine	<ul style="list-style-type: none">- Hatz Diesel, 74 HP (55 kW)
Capacities	<ul style="list-style-type: none">- Fuel: 30 gallons (114 L)- Hydraulic Reservoir: 25 gallons (94.6 L)
Transmission	<ul style="list-style-type: none">- Hydrostatic Drive- Speed infinitely variableLow Speed: 0 - 12 mph (0 - 19 kph)High Speed: 0 - 22 mph (0 - 35 kph)
Front Axle	<ul style="list-style-type: none">- Heavy-duty, limited slip differential- T225 x 75-15R Tires, Load Range E- 4 Steel-Disc Rim 15" x 6"
Rear Axle	<ul style="list-style-type: none">- Heavy-Duty Truck, oscillating
Brakes	<ul style="list-style-type: none">- Two-Wheel, wet disk type- Hand-operated park brake- Foot-operated de-stroke braking of the hydrostatic drive
Heavy-Duty Hydraulic	<ul style="list-style-type: none">- Two separate circuits--one for travel and one for brush control/power steering.
Controls	<ul style="list-style-type: none">- PV380 Digital Display- Oil pressure, water temperature, voltmeter, tachometer, hour meter, fuel gauge
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° left or right (Side-Shift Option)- Heavy-duty 11 gauge steel brush cover with 4 x 4 x 1/4 steel tube brush frame

Brush	<ul style="list-style-type: none">- Joystick controlled- Variable down pressure and speed control- Quick-change design allows operator to change brush core quickly without tools- Drive mechanism consists of direct hydraulic motor enclosed in brush core
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- LED headlights, stop, turn, tail lights, rear working lights and amber strobe light- 2-Year Warranty
Optional Equipment	<ul style="list-style-type: none">- Side-Shift brush head, 18", right and left- Cab air filtration and pressure monitor system (MERV 16 rated)- Air Conditioner and Heat- Dust Suppression System: Two 75-gallon (283 L) water tanks and spraying system- Combination poly wafers (in lieu of poly tube)- Combination poly-steel wafers (in lieu of poly tube)- Forward/Reverse brush rotation- Telescoping steering column- Foot pedal (Forward/Neutral/Reverse)- Front windshield washer (wiper is standard)- Rear wiper and washer- Spare tire and mount- Back-Up reverse camera with in-cab color display- Radio/CD/Bluetooth cab install- Other options available, visit LeeBoy.com



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ST Engineering LeeBoy, Inc. ■ 500 Lincoln County Parkway Extension ■ Lincolnton, NC 28092 ■ 704.966.3300
www.LeeBoy.com



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