

WARRIOR



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Single Engine Mechanical Sweeper



General

- Req'd Axle Capacities
 - o Front: 12,000 lbs
 - o Rear: 21,000 lbs
 - o GVWR: 33,000 lbs
- Req'd Useable Cab-to-Axle: 88"
- Rear Air Suspension Req'd
- Max Sweeping Width, 1 Gutter Broom: 10' (120")
- Max Sweeping Width, 2 Gutter Broom: 12' (144")

Engine/Powertrain

- 300 HP @ 2200 RPM, 860 LB-FT Torque
- Allison 3500 RDS
- Two-Speed Rear Axle
- Diesel or CNG

In-Cab Controls

- One-touch Sweep Controls
- On-screen Diagnostics
- LCD Color Display
- Dimmable LED Rocker Switches
- 12-Volt Negative Ground System
- Electrical Circuit Protection
- CANBUS & Multiplex Electrical System

Water System

- Capacity: 300 Gal. Standard (opt. 370)
- Anti-siphon Hydrant Fill
- Max 10 GPM Water Pump
- Water System Line Purge

Hydraulics

- Load-sensing Hydraulics w/ Variable Displacement Piston Pump
- Interchangeable Hydraulic Motors
- 30 Gal. Capacity
- 5 Micron Return Filter (100gpm)
- 100 Mesh Suction Strainer

Gutter Broom

- Type: Vertical w/ Trailing Arm Design
- Diameter: 44" (1117.6mm)
- Segments: 5 Piece, Bolt-on
- Functionality: In-cab Adj. Hydraulic
 - o Hyd. Variable Down Pressure Control
 - o Hyd. Raise/Lower
 - o Hyd. Tilt
 - o Hyd. Swing (In/Out)
 - o Variable Hyd. Motor Speed

Debris Conveyor

- Synthetic Belt w/ Angled Cleats
- Forward and Reverse Functions
- In-cab Conveyor Stall Warning
- Direct Drive Hydraulics
- Hydraulic Lift Control
- Conveyor Width: 55"
- Built-in Hydrant Flush w/ Internal Jets
- Squeegee Style Conveyor Option (Replaceable Flights & Reinforce Tow Belt Drive)

Debris Hopper

- Volumetric Capacity: 6.1 CU. YD.
- Material Volume: 4.5 CU. YD.
- Max Height: (Bottom of Hopper) 148"
- Min Height: (Bottom of Discharge Door) 32"
- Dump Height: Variable 24" - 120"
- Dumping Side: Right Side (Opt. Left Side)
- Hopper Lift Capacity: 11,000 lbs.
- Max Dump Angle: 50°
- Scissor Lift w/ Twin Hydraulic Cylinders

Pickup Broom

- Diameter: 35.5"
- Length: 68"
- Direct Drive, 20HP Hydraulic Motor