



# AllSweep

VACALL™

High-Performance Sweep/Vacuum

## Industry's Greatest Maximum Sweeping Power Cleans Runways, Re-Surfacing Millings and Even Catch Basins

High performance vacuum forces along with strength and versatility combine to set Vacall AllSweep models apart from all competitors' parking lot, runway, catch basin and leaf cleanup machines. Independent lab tests show the AllSweep fan can deliver a maximum air flow of 31,000 CFM – the best in the industry. Plus, AllSweep models do not need a second engine to power the vacuum and cleaning forces that pick up debris, wet leaves, gravel, bottles and cans.

### FEATURES & BENEFITS

#### AllSmartFlow™ intelligent control system

A Vacall exclusive, this innovative CAN bus control system encourages greater operating efficiency with easier precise water flow and vacuum adjustments. System functions also can be easily monitored on a color LCD display. A fully proportional pendant, either wired or wireless, makes control possible away from the chassis.



#### Wider sweeping area reduces cleanup time

With single or dual sweep mechanisms, AllSweep models have a full-width sweep system. Full-width nozzles, gutter brooms and a centrifugal fan quickly pick up litter, stones, asphalt millings and debris – a big advantage when there's a need to clear runways and roads fast. From the cab, operators can raise, lower and tilt the nozzles using a position memory feature.



#### Catch basin cleaner fits neatly against functional new tailgate

The optional catch basin and leaf pickup intake tube and boom stow out of the way hydraulically against the rear of the tailgate. High-power vacuum tubes, (8" standard; 12" optional) use the industry's greatest vacuum forces to pick up leaves, rocks and debris from catch basins and curb strips. A new hydraulically operated rear tailgate mechanism is faster and easier to open, close and lock, improving debris dumping efficiency.

#### Just one engine reduces costs

Unlike other sweepers, AllSweep models use the chassis engine to also power a high-performance centrifugal fan and create exceptional vacuum power and superior overall machine performance. The single engine concept cuts costs for fuel, oil, filter and belts, while reducing harmful emissions and helping to hold down the overall purchase price.

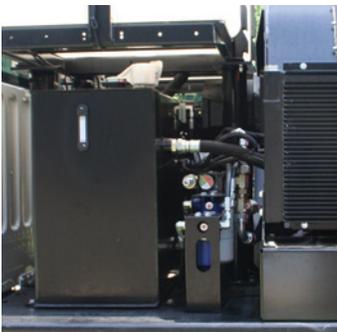
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**Debris tank designed and manufactured for extra strength**

Rugged, reinforced steel construction withstands the rigors of picking up pieces of asphalt and stones. Also, a new blower position and transfer duct create a more productive debris intake – advantages that build efficiency and speed during road re-surfacing or clearing rocks and debris during parking lot and venue cleanup. A durable powder coat paint finish is standard, while optional stainless steel tanks have a lifetime warranty.



**Drive system maintains constant RPMs**  
 New hydrostatic drive system provides vacuum, water spraying and variable drive speeds while maintaining a lower constant engine speed.



**Easy-to-monitor hydraulics**  
 Designed for efficient operation and service. Filter change and other maintenance can be performed at ground level.



**High-capacity water system for longer cleaning runs**  
 For more work with less re-filling time, AllSweep models offer up to 600 gallons of water capacity. Controls are in the cab and on the pendants.



**Protective control valve compartment**  
 Hydraulic and water pump valves as well as electrical controls for the AllSmartFlow control system are located in a protective box.



**Silencer creates quieter operation**  
 A new silencer design reduces noise during operation. It features an easy-to-clean compartment that's conveniently accessible at ground level.

**VACALL AllSweep Models - Basic Specifications**

	AS10	AS13	AS16
Debris Tank	10 yard <sup>3</sup>	13 yard <sup>3</sup>	16 yard <sup>3</sup>
Water Tanks	300, 350 or 420 gallons	300, 350, 420 or 600 gallons	300, 350, 420 or 600 gallons
Vacuum System	35" fan capable of producing 31,000 CFM		
Sweeper Configuration	Single or dual gutter brooms		

Certified ISO 9001 • 1/16  
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Vacall machines are designed and manufactured by Gradall Industries, Inc., a world leader in the production of versatile, reliable maintenance machines. It is our policy to continually improve our products. Therefore, designs, materials and specifications are subject to change without notice and without incurring any liability on units already sold. NOTE: some options shown in pictures.



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