

Leaf collection just got a whole lot easier.

Introducing the American Road Machinery Company Vacuum Leaf and Debris Collector. Our self-contained, engine-driven vacuum machine is one tough piece of equipment. This machine can pick up and completely mulch leaves and debris from curb sides, median strips, ditches, open spillways, and other areas, then deposit the mulch in an integral, all-steel hopper. The unit can be mounted on a trailer, chassis, or roll off configuration, and is designed for one-person operation.

Rear Door(s)

Units are available with either:

- One-piece, top-hinged rear door with spring-compensated counter-balance to aid in holding the door open for dumping.
- Two-piece, heavy duty, side-hinged, overlapping rear doors that open with ease and can be locked into place while dumping.

Axles

Heavy duty tubular alloy steel leaf spring axles

- 17 yd. — two 3" diameter tubular alloy steel axles rated at 7,000 pounds each
- 25 yd. — two 4" diameter tubular alloy steel axles rated at 9,000 pounds each
- 30 yd. — two 5" diameter tubular alloy steel axles rated at 12,000 pounds each



Control Panel

An easy-to-read, operator-friendly control panel is standard on all of our vacuum leaf collectors. It is mounted on the curb side, in a shock-mounted panel. With a combination of illuminated voltmeter, tachometer, hour meter, water temperature and oil pressure complete with an automatic safety shut off and a Vernier throttle, you are in control.

Blower Housing

The blower housing contains a fan that is 30" in diameter with six 3/8" AR-400 steel blades, stress relieved and statically and dynamically balanced, generating 24,200 CFM. Our fan and blower housing handles even the heaviest of wet leaves and debris.

Hopper

Our models are available in 17, 25, and 30 cubic-yard capacity. They have 12-gauge, all-welded steel construction with three 3" channels encircling the body. With an engine-driven, hydraulic hoist, even the heaviest loads are handled easily. This means you can handle more debris with less effort. You can let the machine work for you.

Hose Boom Options

12 volt electric-hydraulic power unit provides up and down movement of the standard hose boom with a 2-inch cylinder that is activated with push button switch in a hand-held pendant which can be mounted at the operator's station.

Engine

The engine says it all when it comes to a machine like this. That's why we engineered our vacuum leaf collector with either the John Deere® 4045T Tier 4 74HP or an optional 99 HP John Deere® 5 Cylinder Diesel Turbo engine.

Heavy Duty Towing

An adjustable pintle hook, safety chains and an electric brake connection allow you to tow the machine easily and safely - every time.

Hose

The 16" diameter and 10' long, heavy-duty rubber hose with wax blooming rubber liner resists wear and material build-up. Its abrasive-resistant cover keeps it in good condition for the long haul.

Leaf loaders

Designed for smaller applications that still need a tough piece of equipment.



- Low cost leaf removal with right or left-hand pickup
- Forward or rear intake design
- 16" diameter hose, heavy or light duty
- Direct drive power take off with over-center clutch protects engine from shock loads
- Low tip-to-housing clearance on suction fan creates hurricane-forced air flow
- 74 HP diesel engine collects debris at 2500 RPM.
- 25" or 30" steel fan with six abrasion-resistant blades is statically and dynamically balanced
- 16,600 or 24,200 CFM available for highly efficient air and litter movement.

