



Model shown with optional equipment. Design and specifications subject to change without notice. Specifications may vary depending on chassis type.

Sweeping Path		Dust Control System	
Pickup Head Only	90" (2,286mm)	Type	High Pressure / Low volume
Pickup Head and one gutter broom	117" (2,972mm)	Capacity	250 Gallon (600 gallons on cab-over chassis)
Pickup Head and two gutter brooms	144" (3,658mm)	Tank Construction	Polyethylene
Chassis		Filter	200 mesh, cleanable
Mounts on various chassis to meet requirements		Fill Diameter	2.5" (63.5mm)
Sweeper Body		Fill Hose	25 foot (7620mm)
Construction	Welded 10-gauge steel plate with 3/16 steel hopper floor	Controls	Electric; in-cab
Safety Prop	Dual steel bars located under body	Nozzles	2 on each broom 5 around suction head 2 inside suction nozzle 2 on front axle 2 inside hopper
Instrumentation		Blower System	
Sweeper Engine	Tachometer, hourmeter, voltmeter, temperature gauge, oil pressure gauge	Type	Closed-face radial
Standard Engine		Drive	Direct via 5 groove, banded power belt
Model / Type	Tier III 4045T In line cylinder	Construction	Hardox Steel
Aspiration	Turbo-charged diesel	Balance	1.5 grams on 2 sides
Manufacturer	John Deere	Diameter	32.75" (832mm)
Displacement	275 cu. in. (4.5L)	Housing Lining	Bolt-in corded rubber
Brake Horsepower	140HP (115 HP for California)	Mounting	2 regreaseable sealed bearings
Torque	387ft-lb (525H.N) @1500RPM	Vacuum Enhancer	For heavy / light material
Air Cleaner	Sy Klone centrifugal precleaner; dry type with dual safety elements and restriction indicator	Pickup Head	
Oil Filter	Full-flow / Spin on	Type	Dual chambered full-width blast orifice
Stroke	5.00" (127mm)	Operating Direction	Forward and reverse
Bore	4.20" (106mm)	Suspension	Adjustable spring balanced
Compression Ratio	19.0 to 1	Length	90" (2,286mm)
Safety Shutdown	Three-point automatic	Pressure Hose Diameter	14" (355.6mm)
Throttle Control	Electronic	Suction Hose Diameter	14" (355.6mm)
Electrical System		Hose Construction	3/8" (9.5mm) wire-reinforced molded rubber
Voltage	12 Volt	Head Area	3,240 sq. in. (20,903cm ²)
Sweeper Engine Alternator	65 Amperes	Controls	Hydraulic raise and lower
		Skids	Double-wide tungsten carbide
		Construction	Abrasion-resistant steel inlet and outlet transitions

Paint

One coat of sealer / primer and two coats of Dupont Imron 5000 with polyurethane in standard white color

Optional Equipment

- Patented* Mechani-Pneumatic Powerhood™ (Broom Assist Head)
- Single or Dual Gutter Brooms
- In-Cab Tilt Control for Gutter Brooms
- Gutter Broom Extension Override™ (GEO™) System
- Twin Remote Cameras with In-Cab Video Monitor
- Dual Steering
- Sound Suppression System
- Cab-Mounted Barlight Beacon
- Safety Beacon with Limb Guard
- Spray Bar for Front Bumper and Hopper
- Hopper Deluge™ (Hopper Washdown System)
- Extra 220-or 350-Gallon Polyethylene Water Tank (Cabover only)
- Hopper Drain System
- 8" Auxiliary Hand Hose
- 4 Point Protection™ (Stainless Steel Hopper Package)
- Magnet Bar
- Spare Tire and Wheel
- Spare Parts Package
- Special Paint for Sweeper and Chassis
- Hydraulic or Spring System for Hand Hose
- Other Options Available

Warranty

The A9000 regenerative air sweeper is guaranteed to be free from defects due to faulty materials and / or workmanship for a period of 12 months, or 1200 hours. Liability is limited to replacement of defective parts at factory or authorized dealer. The standard warranties of the chassis and sweeper engine manufacturer shall apply.

NOTE: Specifications are subject to change without notice

SCHWARZE A9000

Regenerative Air Sweeper

Heavy Duty
Large Capacity
Powerful



INFINITE POSSIBILITIES

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SCHWARZE INDUSTRIES A9000 SWEEPER

Heavy Duty
Large Capacity
Powerful

Schwarze Industries is dedicated to using a Total Performance Teamwork concept to produce, maintain and market the finest power sweeping equipment in the world. All of our products are made with pride in the USA, and we offer a broad line, with more sweeper models to choose from than any other manufacturer in America.

The Schwarze model A9000 is a heavy duty, chassis-mounted, regenerative air sweeper with an 9.6 cubic yard hopper making it the largest in the industry. Its basic design has had over 20 years of successful operation throughout the United States and around the world. As the largest, most powerful air regenerative air sweeper in existence in the United States, the Schwarze A9000 is an ideal choice for use in a wide range of demanding municipal and contractor sweeping applications.

The A9000 blower system generates a high velocity air column over 18,130 CFM that is propelled into the top of the sweeping head through a 14-inch blast tube. The air is first pressurized in the upper chamber of the sweeping head and then

expelled into the head's lower chamber through the blast orifice. This high volume air blast loosens the debris from the pavement surface, then transports it across the width of the sweeping head and lifts it into the containment hopper via a 14-inch suction tube. This highly efficient system ensures that even hard-to reach particles hidden within pavement cracks and irregularities are removed. This includes a significant amount of the 'PM-10 fines' known to contain a high percentage of heavy metals and other pollutants. That's why the A9000 has been certified as 'Rule 1186 Compliant' by the South Coast Air Quality Management District, one of southern California's leading state environmental agencies.



Standard Equipment

- Schwarze-Exclusive, Industry-leading WhisperWheel™ Fan System
- Noise Reduction Shroud
- Sweeps-In-Reverse™ Sweeping System
- DC Auxiliary Hydraulic Pump
- Hopper-Mounted Amber Strobe Light with Limb Guard
- High Level Brake Light
- Amber Flashing Warning Lights
- Rear Flood Lights
- 3 Point Automatic Auxiliary Engine Shutdown System
- Washdown System
- Hydrant Wrench
- Fire Extinguisher
- Backup Alarm
- Resettable Circuit Breakers
- Road Flare Kit

To assure debris transfer with minimal fugitive dust escapement, double-belted curtains on the front and rear of the sweeping head contain the circulating air flow. This prevents dirty, debris-laden air from entering into the atmosphere as fugitive dust particles. The Schwarze A9000 picks up more of the micron-sized contaminants that accumulate on roads and streets. Recent studies emphasize the importance of removing these PM-10 'fines' due to the amount of non-point source pollutants that contribute to America's stormwater runoff stream. Using the regenerative air Schwarze A9000 sweeper results in a cleaner surface and a cleaner environment.

The model A9000 has several industry-leading features that position it at the head of its class. These include Schwarze's WhisperWheel™ fan system, which lets Schwarze air sweepers run over 70% quieter and with less fuel consumption. The A9000 is also available with the patented Mechani-Pneumatic Broom Assist Sweeping Head™ and Schwarze Sweeps-In-Reverse™, allowing operation in both forward and reverse directions as well as being available in both conventional and cabover chassis mounting.

Rule 1186 AQMD Certified

The Schwarze model A9000 sweeper has been designated by the South Coast Air Quality Management District as Rule 1186 Certified for its ability to pick up and contain small-micron material.

Hydraulic System		Auxiliary Hydraulic System		Side Brooms		Debris Hopper	
Type	Dual output 2 section	Type	Gear type, driven by electric motor	Type	Vertical steel digger	Volumetric Capacity	9.6 cubic yards (12.56 cu. meters)
Pump Capacity	6.5 gpm @1800RPM (24.6L / min.) per section for 13.0gpm total	Function	Raise/lower hopper, open/close hopper door, raise brooms and pickup head	Location	Right, Left, forward of pickup head	Useable Capacity	8.0 cubic yards (10.46 cu. meters)
Drive	Direct gear			Diameter	44" (1.117m)	Dump Angle	53 degrees
Maximum Pressure	2500psi (173bar)			Drive	Hydraulic	Floor Angle	3 degrees
Reservoir	25 gallons (94 liters)			Suspension	Torque-sensing spring	Lifting	Twin hydraulic cylinders
Filter	10 micron, spin on			Wear Adjustment	Automatic	Hopper Dump Door	Full height, full width, open/close/lock hydraulically
Protection	Pressure relief valve			Pressure	Manual	Inspection Doors	1 on each side of hopper
Controls	Electro-hydraulic			Speed	Variable, non-reversing		
				Segments	5 each side, disposable		
				Tilt Angle Adjustment	Manual with optional in-cab controls		

SCHWARZE A9000

SPECIFICATIONS

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