



Allianz Madvac 101 Specifications

Quick Specifications:

Machine Type – Vacuum litter collector

Vacuum System – Straight-through suction with no restrictions, litter compacted within collector bag; litter does not pass through the vacuum fan

Static Pressure – 30" of water gauge pressure

Suction Pressure – 8" of water gauge system

Litter Capacity – Up to 120 gallons

Hose – 8" diameter, 12 ft long, clear PVC

Engine – Diesel: Kubota, 28 HP liquid cooled; Gas: Kohler, 25 HP air cooled



Allianz Madvac 101 Standard Features:

- 28 HP Kubota liquid cooled diesel engine
- Key start with glow plug
- Heavy duty engine cooling system
- Automotive power steering
- 10.6 gallon fuel tank
- Hayden hydraulic oil cooler

- Donaldson 2 stage air cleaner with restriction indicator
- Heavy duty Eaton hydrostatic system
- Single foot pedal propulsion system
- Patented no-jam fan does not come in contact with litter
- 120 gallon debris capacity into 80 gallon container with approximately 2:1 self compacting vacuum system
- Wrap-over easy bag removal
- High performance 2900 CFM vacuum system
- Infinitely variable vacuum speed litter system
- Vacuum fan shutoff
- Spring assisted vacuum hose, 8" diameter
- 270 degree hose movement with 24 sq ft working area
- Adjustable Ergo vacuum hose handle
- Low position tilt litter container
- All welded steel debris container
- Anti-wear fan and fan casing with lifetime warranty
- 12V, fused electrical system
- 40 amp alternator 450 CCA battery
- Color coded wiring with weather proof connectors
- Fuel gauge, water temp gauge, hourmeter, ammeter, and low oil pressure warning light
- Full width bench seat with backrest & seat belt
- Heavy gauge structural square tube frame
- Powder coated finish in factory white
- 1 year 100% parts and labor warranty

3 Wheel Vehicle Option Includes:

- Springs and shocks on front wheels
- 0-12 MPH road speed
- (3) 18 x 8.50 4 ply tires
- Tires: sawtooth front, turf rear
- Rear wheel drive
- Headlight and tail-lights
- Foot operated disc brake on rear, mechanical parking brake

4 Wheel Vehicle Option Includes:

- Leaf spring suspension on front
- 0-16 MPH road speed
- (4) 20.5" 4 ply tires
- Radial tires on all 4 wheels
- Headlight and tail-lights
- Front wheel drive
- Foot operated disc brakes on rear, mechanical parking brake



Allianz Madvac 101 Product Options:

Most Popular Options:

- Patented Power Arm for effortless operation
- Full suspension
- All wheel drive
- Advanced 2-micron dust filtration

Wheels and Tires:

- All wheel drive (requires 101-D4)
- Rear suspension and shocks
- Tire flatproofing – liquid sealant (all wheels)
- Dual rear tires (101-D3 only)

Performance Options:

- 48" vacuum head – hydraulic raise / lower c/w dual vac port
- 48" vacuum head with hydraulic gutter broom
- 36" vacuum head
- Wanderhose 5" x 15' retractable Slinky hose
- Wanderhose 5" x 15' c/w 8" adaptor
- Fenceline nozzle elbow
- Leaf collection system & hopper
- Broom & rake holder
- Turbo diesel engine 31 HP (for high altitude)

Vacuum Arm Options:

- Hydraulic power assist vacuum arm
- Heavy duty rubber vacuum hose – upgrade
- Low clearance vacuum arm (in lieu of)

Environmental Protection:

- Vacuum exhaust filter bag
- 8 micron exterior mount 2 panels filtration
- 2 micron interior cylindrical filter cartridge – 10m2 of media
- Water dust suppression system 20 gallon
- Silent Pack – extra sound proofing
- Catalytic converter (exhaust purifier) diesel only

Operator Protection:

- R.O.P.S. OSHA Certified with weather shield
- Cab enclosure with 4 post R.O.P.S.
- Vinyl doors for cab enclosure
- Weather shield – canvas
- Protective head rest

Safety Devices:

- Diesel safety shutdown
- Neutral safety switch
- Fire extinguisher
- Back up alarm
- Back up alarm & lights
- Emergency stop button
- Engine cut-off without operator (parking brake on)
- Seat belt retractable – instead of standard
- Convex mirror on vacuum arm

Lighting:

- Back up lights
- License plate holder & light
- Rotating warning light - upgrade
- Flashing strobe – upgrade
- Road lighting package (includes flashing beacon, turn signals, brake lights, flashers, and SMV emblem)

Miscellaneous Options:

- Custom paint color (white – standard)
- Bagless debris system – Kevlar (large size container)
- 44" x 52" garbage bags – 3 mil (50 bags)
- Collector bags (100 bags)