

Belt/Squeegee

Single Engine

Diesel or CNG

High Dump



M6 AVALANCHE SE

MECHANICAL BROOM SWEEPER



*Sweeper may be shown with optional equipment

BEST FOR:



HIGHWAY SWEEPING



SPRING CLEAN UP



MILLING SWEEPING

AND MUCH MORE

SCAN THE QR CODE

The Schwarze M6 Avalanche SE is the industry's workhorse—engineered for municipalities and contractors who demand relentless power, durability, and capacity. With a single engine configuration and a powerful conveyor, the M6 Avalanche SE is built to take on everything from dense debris to construction cleanup without slowing down. Featuring a high-dump 5.0 cubic yard steel hopper, 36-inch main broom, 49-inch dual gutter brooms, and a variable speed conveyor system, this sweeper is designed to move more material, more efficiently. The advanced hydraulic system, LED lighting, and in-cab diagnostics make operation smooth and intuitive, even in the toughest conditions.



MORE INFORMATION

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[www.schwarze.tv](https://www.youtube.com/schwarze.tv)



[schwarze.com/M6SE](https://www.schwarze.com/M6SE)

SWEEPING PATH

Travel Width:	96 in (2438 mm)
Sweeping Width:	134 in (3404 mm) (brooms extended)
GVWR:	33 000 lbs (14 969 kgs)

CHASSIS

Mounts on various chassis to meet requirements

GUTTER BROOMS

Location:	Lateral swing arm, trailing design behind cab
Diameter:	49 in (1245 mm)
Type:	5-segment wire-filled recyclable plastic head
Speed:	In-cab variable speed, independent from engine RPM
Suspension:	Pneumatic retractable with 4 in (102 mm) air cylinders
Drive:	Direct hydraulic
Adjustments:	In-cab hydraulic tilt (27°), lateral positioning
Center Deflector:	Poly strip brush; raises and lowers with main broom
Work Lights:	LED lights on each gutter broom

MAIN BROOM

Diameter:	36 in (914 mm)
Length:	58 in (1473 mm)
Bristles:	Polypropylene
Lift Control:	Pneumatic with in-cab control and mechanical lock
Drive:	High-torque hydraulic motor
Mounting:	Self-aligning friction bearings, 1.5 in shaft
Speed:	In-cab variable speed, independent from engine RPM
Hood:	Polymer hinged with dual gas springs
Dirt Shoes:	Tungsten carbide embedded, flexible trailing arms
Lighting:	2 LED rear-mounted work lights

HYDRAULIC SYSTEM

Pump:	Variable displacement piston-type with load sensing
Reservoir:	35 gal (133 L)
Cooler:	120,000 BTU dual-fan, 24 in x 24 in, elevated rear mount
Filtration:	10-micron return, 100-mesh suction, 5-micron breather
Valves:	Manual override with LED diagnostics, protected in lockable compartment
Connections:	SAE O-ring or O-ring Face Seal
Check Ports:	Quick disconnect ports for pressure checks
PTO:	Fully shielded with no exposed shaft or lubrication required

CONVEYOR

Bearings:	Self-aligning, triple-sealed and shielded
Conveyor Floor:	Bolt-on, replaceable
Speed:	Forward and reverse, in-cab variable speed standard, independent from engine RPM
Adjustment:	Threaded rack
Drive:	High torque direct coupled permanent magnet electric motor with planetary gear drive
Hopper Connection:	Positive seal to eliminate debris spillage
Suspension:	Air cylinders with in-cab adjustment to raise and lower conveyor
Jam Warning:	Console-mounted light and alarm

CONVEYOR / SQUEEGEE

Conveyor:	Squeegee with 13 replaceable flights
Conveyor Chain:	Precision, heavy-duty, constant-radius roller chain
Cleaning:	Built-in flushing system with high-volume fan jet nozzles

CONVEYOR / BELT

Conveyor:	High-strength full-width belt type with 12 molded rubber cleats capable of conveying all types of materials into the sweeper hopper
Flexibility:	Flexes for large object passage
Cleaning:	Built-in flushing system using high-flow fan jet nozzles on a galvanized spray bar, including a high-performance blast nozzle for cleaning the lower roller

DEBRIS HOPPER

Volumetric Capacity:	5.0 cu yds (3.82 cu m)
Usable Capacity:	4.3 cu yds (3.3 cu m)
Construction:	10 ga steel body with 3/16 in steel floor
Dumping:	Right-side, variable high dump (16 in to 138 in height)
Lift:	Scissor lift rated at 14,000 lbs
Dump Door:	48 in long, 47 in wide
Angle:	52° dump angle
Safety:	Counterbalance valves, interlock with park brake
Lighting & Viewing:	LED flood light, Plexiglas window, two hopper windows
Warning:	In-cab hopper-up alarm with redundant sensors

WATER SYSTEM

Capacity:	250 gal (947 L)
Construction:	Polyethylene
Pump:	Electric diaphragm, 5.88 GPM @ 50 PSI
Control:	Spray Bars: 4 nozzles per gutter broom, 5 at main broom, 7 at front bumper In-cab solenoid valves, each zone independently switchable
Filter:	50-mesh pre-filter (ground level access) 5-micron secondary filter
Fill:	25 ft hydrant hose with 2.5 in NST and 2 in cam-lock
Additional:	Water level gauge, low-water alarm, air purge system, dual manhole covers

PNEUMATIC SYSTEM

Usage:	Operates gutter broom and main broom pressure, lift, and elevator latch
Tank:	Dedicated air tank with DOT-rated fittings
Protection:	PR4 type pressure protector to safeguard chassis air

SWEEPING CONTROLS

Steering:	Dual steering and controls
Console:	Center-mounted swivel base
Switches:	Lighted with international symbols and text
Control Functions:	Independent switches for broom speed, pressure, tilt, lights, Conveyor forward/reverse, speed, raise/lower, Standby switch for sweeping function engagement/disengagement
Memory:	6 programmable settings for broom/water/conveyor preferences
Indicators:	Low water level, conveyor jam, hopper up

ELECTRICAL SYSTEM

Wiring:	Color coded and hot stamped every 6 in
Protection:	Separately fused systems
Junction Box:	Sealed and lockable (IP67 minimum rating)

SAFETY FEATURES

Compliance:	FMVSS
Lighting:	All LED, including dual bumper strobes and high-mount flashers
Backup:	Alarm, camera with 7 in monitor, night vision
Other:	Fire extinguisher, triangle kit, SMV emblem, hazard decals
Standby Mode:	Auto-engages sweeping standby in reverse gear

ACCESSORIES

Mirrors:	8 in tripod-mounted parabolic on front fenders
Lube Chart:	Permanently mounted lubrication plaque

PAINT

One coat of sealer/primer and two coats of Sherwin-Williams high solids polyurethane, white color.

WARRANTY

Sweeper:	12 months or 1,200 hours
Hydraulic Pumps and Fittings:	60 months or 6,000 hours
Hydraulic Motors and Valves:	24 months or 2,400 hours

Note: Specifications are subject to change without notice.

Your Schwarze Dealer.



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