

Non CDL

Compact

Diesel

High Dump



M4 CASCADE TE MECHANICAL BROOM SWEEPER



*Sweeper may be shown with optional equipment

BEST FOR:



CITY CENTER CLEANING



DOWNTOWN CLEANUP



MUNICIPALITY SWEEPING

AND MUCH MORE

SCAN THE QR CODE

The M4 Cascade TE delivers full-sized sweeping performance in a compact, highly maneuverable, and non-CDL street sweeper. Purpose-built for municipalities and contractors who demand power without the added licensing requirements, the M4 Cascade features a twin-engine design, stainless steel hopper, and rugged squeegee-type conveyor system for reliable, high-volume debris collection.

With full LED lighting, powerful dust suppression, and a 120-inch sweeping path, the M4 Cascade TE is ready to take on everything from urban streets to construction clean-up.

THE PEOPLE YOU KNOW. THE PRODUCTS YOU TRUST FOR A BETTER PLANET.



MORE INFORMATION

Sourcewell

Awarded Contract

Contract # 093021-SWZ

HGACBuy
THE SMART PURCHASING SOLUTION



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schwarze.com/M4TE

SWEEPING PATH

Travel width 96 in (2,438 mm)
Sweeping width 120 in (3,048 mm) (brooms extended)

CHASSIS

Model: Isuzu 4HK1-TC
Fuel: Diesel
Standard GVWR: 19,500 lb (8,845 kg)

GUTTER BROOMS

Location: Lateral swing arm design
Diameter: 42 in (1067 mm)
Type: 26 in (660 mm) wire-filled digger type
Speed: In-cab variable speed, independent from engine RPM
Suspension: At-broom spring suspension
Drive: Direct hydraulic drive
Adjustments: In-cab hydraulic tilt up to 27°,
infinite lateral positioning
Center Deflector: Poly strip brush, raises and lowers with main broom
Work Lights: LED on each gutter broom

MAIN BROOM

Diameter: 36 in (914 mm)
Length: 58 in (1473 mm)
Bristles: Polypropylene
Lift Control: In-cab pneumatic lift with positive mechanical lock
Drive: Hydraulic, direct coupled motor
Mounting: Self-aligning friction bearings with 1.5 in shaft
Speed: In-cab variable speed, independent from engine RPM
Dirt Shoes: Flexible, adjustable (side-to-side, up-down, front-back)
Suspension: Pneumatic, in-cab adjustable
Hood: Hinged polymer with dual gas springs for access
Work Lights: Two LED lights at rear

SWEEPER ENGINE

Engine Type: Tier IV final auxiliary diesel
Power: 74 HP @ 2500 RPM
Displacement: 2.2 liter
Cooling: Liquid-cooled
Air Cleaner: Donaldson dry type with centrifugal
pre-cleaner and safety element
Filtration: Full-flow spin-on oil and fuel filters
Electrical: 12V ignition, 55-amp alternator
Fuel Tank: 36 gal (shared with chassis)
Maintenance: All service from one side with remote oil drain
Shutdown: Auto for low oil, high temp, and low coolant

HYDRAULIC SYSTEM

Reservoir: 35 gal (132.5 L) with sight/temperature gauge
Cooler: Dual-fan with 120,000 BTU rating
Pump: Variable displacement piston-type with load sensing
Filtration: 10-micron return, 100-mesh suction
Valves: Manual override, enclosed in lockable
compartment with LED connectors
Connections: SAE O-ring or O-ring Face Seal only
Check Ports: Quick disconnect pressure check points

CONVEYOR

Width: 58 in (1473 mm)
Type: Replaceable rubber wiper squeegee
flight system with 7 flights
Drive: Hydraulic, direct coupled motor
Cartridge: Removable for easy service
Cleaning: Built-in hydrant-powered flush
system with fan jet nozzles
Operation: Forward and reverse with in-cab
variable speed control
Shaft Diameter: 1-15/16 in (no exceptions)
Jam Warning: In-cab light and alarm

DEBRIS HOPPER

Volumetric Capacity: 4.0 cu yds (3.06 cu m)
Usable Capacity: 3.4 cu yds (2.60 cu m)
Construction: 14-gauge stainless steel with 11-gauge stainless floor
Dumping: Right side variable high dump, 5 in to
120 in (127 mm to 3048 mm)
Dump Door: 43 in (1092 mm) long
Lift: Scissor lift rated for 9,500 lbs with 3:1 design factor
Viewing: Full dump control and view from cab
Safety: Counterbalance valves, hopper safety prop,
seated alarm with redundant sensors

ELECTRICAL SYSTEM

Wiring: Color-coded and hot stamped every 6 in
Protection: Separately fused systems
Junction Box: Lockable, sealed, IP67 rated

WATER SYSTEM

Tank Capacity: 220 gal (832 L)
Construction: Polyethylene
Pump: Electric diaphragm, 5.88 GPM (22.3 L/min) @ 50 PSI
Spray Bars: 4 nozzles at each gutter broom,
5 at main broom, 7 at front bumper
Fill: 25 ft hydrant hose with 2.5 in NST
coupling and 2 in cam-lock
secondary at ≥20 GPM
Filtration: 50-mesh cleanable primary, 5-micron
secondary at ≥20 GPM
Control: Independent in-cab solenoid valves for each zone
Features: Water level gauge, low water alarm, air purge
system, accessible strainer and manhole cleanout

PNEUMATIC SYSTEM

Functions: Controls main broom down pressure,
raise/lower, and elevator latch
Tank: Dedicated sweeper air tank with DOT fittings

SWEEPING CONTROLS

Steering: Dual steering with dual controls
Console: Center-mounted, swivel base
Switches: Independent for all broom speeds, pressures,
spray functions, lights, and conveyor controls
Standby Switch: One-touch sweeping on/off; auto-disable in reverse
Memory: Six programmable operation presets
Indicators: Alarms for water level and conveyor jam

SAFETY FEATURES

Compliance: FMVSS-compliant
Lighting: Full LED package, including dual bumper
strobes and Class 1 strobe
Camera: Rearview with 7 in color monitor,
night vision, auto-dimming
Alarms: Backup alarm, low water, conveyor jam
Fire Equipment: 5 lb extinguisher
Visibility: Rear stoplights and high-mounted center brake light
Hopper Safety: Prop included
Markings: Slow Moving Vehicle emblem and triangle kit
Hydraulics: No lines routed through cab

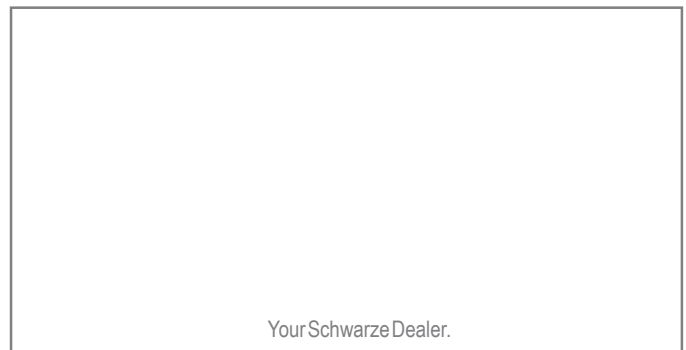
PAINT

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

WARRANTY

Sweeper: 12 months or 1,200 hours
Auxiliary Engine: 24 months or 2,000 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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1055 Jordan Road
Huntsville, AL 35811
800.879.7933
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