

ODRA

STREET SWEEPERS



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US
Canada

MT4H SPECIFICATIONS

General Specs

Sweep Path: Main broom only: 58" (1,473 mm)
Main broom & one side broom: 87" (2,210 mm)
Main broom and 2 side brooms: 114" (2,896 mm)
Chassis: Commercial Class 5
Wheel Base: 109" (2,769 mm)
Rear Axle air suspension
Greaseless composite bushings

Sweeper Engine

Make: Kubota V2403-CR-TE4B 65hp, Tier 4F
Type: 4 cylinder Turbocharged Diesel
Displacement: 2.434 L
Horsepower: 65.1 @ 2700 RPM
Torque: 146.4 lb. ft. (198.5 Nm)

Main Broom

Type: Prefab disposable Polypropylene filled
Diameter: 36" (914 mm)
Broom Material: Polypropylene
Length: 58" (1,473 mm)
Core Type Disposable steel tube
Speed: Constant forward
Drive: Hydraulic motor with direct drive
Digging Pressure & Wear Control Adjustable spring
Lift control: Hydraulic
Mounting: Full-floating trailing arm

Side Broom

Type: Disposable 4 or 5 segment
Trailing Arm Design
Diameter:
- 36" (914 mm) street side
- 42" (1067 mm) curbside
Bristle material: 26" wire (660 mm)
Chromed shaft pivots
Drive: Full hydraulic
Inside Cab Down Pressure Control
Inside Cab Broom Tilt Adjustment
Lift: Hydraulic
Free-floating and full side-ways oscillation

Hopper

Volumetric Capacity: 4 yd³ (3.02 m³)
Usable Capacity: 3.0 yd³ (2.50 m³)
In Cab Hopper Lift and Dump Controls
Inspection Door
Choice of Left side or right side discharge
Minimum dump height: 18" (457 mm)
Maximum dump height: 117" (2,971 mm)
Maximum hopper dump angle: 50°
Lift capacity: 9,400 lbs (4,264 kgs)
Lifting mechanism: Single 5-stage hydraulic cylinder

Camera System

Curb side camera
Rear facing camera
In Cab Monitor

Paint

Body: High-gloss white
Custom colors available
Undercarriage: Black

Chassis

Isuzu NRR
Contact us for detailed chassis specifications

Elevator

Squeegee style with rubber edging
Elevator floor: Bolt-in two-section abrasion resistant steel plates, replaceable
Hardened steel elevator chain with polyurethane sprockets
Direct Drive Hydraulic Motor
Elevator raises automatically when sweeper is placed in reverse

Instrumentation/Controls

Warning Lamps & Buzzer:
- Conveyor stall
Warning Lamps:
- Hopper position
- Low water tank level
- Engine oil pressure
- Engine coolant temp
Auxiliary Engine Shutdown warning:
- Low Hydraulic oil level
- High Hydraulic oil temp
- Low Engine oil pressure
- High Engine water temp

Electrical System (Sweeper & Chassis)

Twelve Volt Negative Ground System
110 amp alternator on chassis; 40 amp alternator on auxiliary engine
Battery: 2 – 750 amp 1500 CCA total
Utilizes standard automotive type fuses
Wiring Number identified and color-coded with weatherproof connectors
Central wiring and relay locker

Hydraulic System (Sweeper)

Variable displacement Sauer Danfoss Piston type Pump
Capacity: 32 GPM @ 2700 RPM
Fittings: 37° JIC
Reservoir Capacity: 25 gal (100 L)
Return line filter: 10 micron
Filter Restriction Gauge
Breather: 10 micron
Externally Mounted Electric Hydraulic Oil Cooling Fan
Manual Override Hydraulic Valves

Water Spray System

PM10 Compliant (Rule 1186)

Tank construction: Polyethylene
Tank capacity: 220 gals (833 L)
Pump: Electric diaphragm
Spray nozzles
- 4 across main broom
- 3 over each gutter broom
- 5 across front bumper
Controls: In-cab pump control

Available Enhancements

LED strobe additions (behind cab, secondary rear strobe)
Rear mounted LED lightbar
Rear mounted split arrow board
Rear LED tail lights
Strip rear broom
Elevator flush
Stainless Steel hopper
Hydrant wrench

