

Non CDL

Compact

Diesel

Mid Dump



A4 STORM TE

REGENERATIVE AIR SWEEPER



*Sweeper may be shown with optional equipment

BEST FOR:



CITY CENTER CLEANING

DOWNTOWN CLEANUP

MUNICIPALITY SWEEPING

AND MUCH MORE

The Schwarze A4 Storm TE combines the efficiency of a twin-engine system with the proven performance of regenerative air technology. Designed for powerful, reliable debris pickup, the A4 Storm delivers unmatched suction power, precise control, and reduced noise levels—all in a compact, highly maneuverable design that does not require a CDL to operate.

Equipped with a high-performance 80-inch wide pickup head, vertical digger-type gutter brooms, and a 4.5 cubic yard hopper, the A4 is built to tackle urban and municipal sweeping jobs with ease.

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

SCAN THE QR CODE



MORE INFORMATION

Sourcewell

Awarded Contract

Contract # 093021-SWZ

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schwarze.com/A4TE

SWEEPING PATH

Pickup head only:	80 in (2,032 mm)
Pickup head and one gutter broom:	100 in (2,540 mm)
Pickup head and two gutter brooms:	120 in (3,048 mm)

CHASSIS

Model:	Isuzu 4HK1-TC
Fuel:	Diesel
Standard GVWR:	14,500 lb (6,577 kg)
Optional GVWR:	17,950 lb (8,142 kg)

GUTTER BROOMS

Type:	Vertical digger type
Diameter:	39 in (991 mm)
Drive:	Hydraulic motor-driven
Adjustment:	In-cab pneumatic down-pressure control
Flexibility:	Rearward swing of 12 in (305 mm) to prevent damage
Tilt:	27 degrees, controlled from operator seat
Positioning:	Independent lateral and vertical control
Extension:	Electric Gutter Broom Extension Override (GEO) for enhanced scrubbing
Suspension:	Free-floating

PICKUP HEAD

Width:	80 in (2032 mm)
Length:	26 in (660 mm)
Hose Diameter:	12 in (305 mm)
Material:	Heavy-duty molded wire-reinforced rubber
Lift/Lower Control:	Single in-cab switch
Drag Shoes:	Doublewide full-length carbide, interchangeable left or right side
Reverse Sweeping:	Yes (no damage to pickup head components)

SWEEPER ENGINE

Engine Type:	Auxiliary diesel engine
Model:	Cummins QSF 2.8 Tier IV
Configuration:	4-cylinder, turbocharged
Horsepower:	74 HP @ 2,500 RPM
Displacement:	171 cubic inches
Oil and Fuel Filtration:	Full-flow spin-on oil filter, fuel filter, and fuel-water separator
Air Filtration:	Heavy-duty two-stage dry type air cleaner with centrifugal pre-cleaner and restriction indicator
Shutdown System:	3-point safety engine shutdown device (low oil pressure, high coolant temperature, low coolant level)
Governance:	Electronic, variable-speed governor
Electrical System:	12V with electric starter and 120-amp alternator
Fuel Capacity:	30-gallon shared tank with chassis engine

HYDRAULIC SYSTEM

Drive Type:	Direct-drive, gear-driven hydraulic pump
Reservoir:	16-gallon, vented with 100-mesh suction strainer and 10-micron spin-on return filter
Cooling:	9,000 BTU oil-to-air radiator cooler
Pressure Limit:	2,250 PSI (155bar)
Servicing:	Shut-off valves for hydraulic oil filter servicing
Diagnostics:	Built-in diagnostic lighting on hydraulic valves
Backup System:	12V DC backup for operating hydraulic functions without auxiliary engine

BLOWER

Type:	Heavy-duty closed-face turbine type with 10 curved blades
Diameter:	30 in (762 mm)
Material:	500 Brinell hardness abrasion-resistant steel
Power:	Driven by a heavy-duty 3V 8-groove belt
Suction Pressure:	40 in of water
Airflow:	12,000 CFM
Noise Level:	72 dB(A) at 50 ft (15 m)
Housing:	10-gauge steel with replaceable rubber liner
Vacuum Enhancer:	Electrically controlled air diversion (0%–80%)

DEBRIS HOPPER

Capacity:	4.5 cubic yards (3.44 cubic meters)
Dumping:	Hydraulic tilt to 88 degrees
Dump Height:	77 in (1956 mm)
Material:	Heavy-duty 10-gauge steel
Airflow:	Free movement allowed by bolt-in 10-gauge steel screen
Inspection Doors:	24 in x 10 in on left and right sides
Sealing:	Rubber seals on all doors and openings
Optional Load Weight Alarm:	Alerts operator when hopper is full

DUST SEPARATOR

Type:	Centrifugal dust separator
Self-Emptying:	Automatic discharge when hopper is raised
Filtration:	No dust separation filters required

WATER SYSTEM

Pump Type:	Electrically driven diaphragm type
Pressure:	60 PSI (4.14 bar)
Flow Rate:	6.0 GPM (22.7 L/min)
Capacity:	130 gallons (492 L)
Construction:	Polyethylene
Spray Locations:	Pickup head - 4 nozzles Inside hopper - 4 nozzles Gutter brooms - 2 nozzles each Suction intake - 1 nozzle
Front Spray Bar:	7 nozzles mounted on front bumper

ELECTRICAL SYSTEM

Voltage:	12V
Starter:	Electric
Alternator:	120 amp
Backup Alarm:	Yes
Camera:	Rearview camera with 7-inch color flat-screen monitor (night vision capable) LED flood lights at each gutter broom
Work Lights:	

SWEEPING CONTROLS

Console:	Adjustable control console
Switches:	Independent switches for left and right gutter brooms, tilt, GEO, pickup head, and water controls
Water Control:	Independent control for each spray function
Lighting:	Independent control for each gutter broom light

SAFETY FEATURES

Safety Shutoff:	3-point safety shutdown for engine protection
Backup Alarm:	Yes
Fire Extinguisher:	5 lb (2.27 kg) mounted in the cab
Stoptlights:	Two lower LED stoplights and one center high-mounted LED stoplight
Decals:	Permanent hazard warning decals

ACCESSORIES

Toolboxes:	Two lockable toolboxes on rear fenders (total 35 cu. ft.)
Rear Bumper:	Full-width steel bumper
Mirrors:	8 in (203 mm) parabolic mirrors mounted on chassis doors

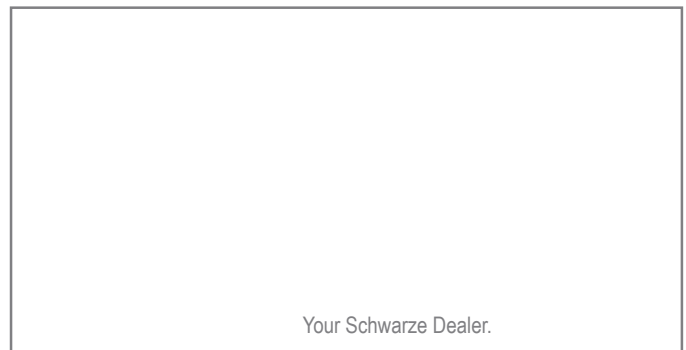
PAINT

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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