A4 Storm™

4.8 Cubic Yard Regenerative Air Street Sweeper

*Sweeper shown with optional equipment

- High Performance Sweeping Head
- Up to 197 Gallon Water Capacity
- 77” Dump Height
- No CDL Required

800.879.7933
www.schwarze.com
**A4 Storm™**

4.8 Cubic Yard Regenerative Street Sweeper

**4.8 Cubic Yard Hopper**
- Separate Door for Intake
- Screen Cleanout

**Hardox Steel Fan**
- Balanced to 1.5 Grams
- EPA Tier 4 Final Engine

**Onboard Diagnostics**
- Color Coded Switches

**Built-In Strobes**
- All LED Lighting
- Backup Alarm
- Backup Camera

**Large Toolboxes**
- Redesigned high performance sweeping head
- Easy to use color coded switches with Onboard Diagnostics
- Quick release clamps for easy rotation and replacement of hoses.
- Large corrosion free toolboxes for 35 square feet of storage.

**MUST HAVE OPTIONS**

**ADDITIONAL WATER**
- Add an additional 66 gallon for 196 gallon total

**LIFETIME HOPPER**
- Add a hopper with lifetime warranty

**EXTENDED REACH**
- Add broom tilt and Gutterbroom Extension Override (GEO™)
- Add a hand hose for hard to get to reach applications

**Backup Alarm**
**Backup Camera**

**Quick Disconnect Tubes**

**Sweeps-In-Reverse**

**High Performance Sweeping Head**

**77” Dump Height**

*Optional Equipment Shown, Blue Frame Special Order.*
VALUE
We are dedicated to satisfying our customers by providing the most advanced training for their specific needs. Our training programs are designed to help operators of all skill levels learn the best operating practices for their Schwarze equipment.

QUALITY
In a Schwarze product, end user concerns like fuel efficiency, serviceability, durability, purchase cost, service cost, etc. are all taken into account. We also consider the needs and strive for ease of use and application optimization. It should be obvious, because when it comes to cost of ownership, quality pays.

PERFORMANCE
There is a lot riding on creating solutions that are suited to the particular needs of different industry applications. Innovation often involves high technology, but doesn’t always have to be. Some of our best ideas have been simple, based on a clear and deep understanding of our customers’ working lives.

PUBLIC SAFETY
No other name speaks safety louder than Schwarze. Protecting operators, those around them, and minimizing our environmental impact are traditional values that continue to shape our product design philosophy.

CUSTOMER SUPPORT
Being a Schwarze customer means having a complete set of services at your fingertips. Schwarze can offer you a long-term relationship, protect your revenue and provide a full range of customer solutions, delivered by passionate people. At Schwarze, we don’t see effective service and support just as an added value to your purchase, but as an integral part of it.

Also Available from Schwarze Industries, Inc:

- Onboard Diagnostics
- Color Coded Switches
- Must Have Options: Additional Water
- Lifetime Hopper
- Extended Reach: Add a hand hose for hard to get to reach applications
- Extended Reach: Add broom tilt and Gutterbroom Extension
- Override (GEOtm)
### Chassis
- **Model/type:** 4HK1-TC / 4 cycle
- **Manufacturer:** Isuzu
- **Number of Cylinders:** 4
- **Displacement:** 317 cu in (5.26 L)
- **Horsepower:** 215 @ 2500 rpm
- **Torque:** 452 lb-ft @ 1800 rpm
- **Fuel:** Diesel
- **Air Filter:** Dry type; heavy duty
- **Standard GVWR:** 14,500 lb (6,577 kg)
- **Optional GVWR:** 17,950 lb (8,142 kg)
- **Transmission:** A465; 6 speed automatic
- **Tires:** (6) Tubeless steel-belted radials 225/70 R 19.5
- **Wheels:** Steel construction
- **Steering:** Integral power
- **Brake:** Vacuum/hydraulics with ABS

### Standard Engine
- **Type:** QSF2.8 diesel Tier 4F
- **Manufacturer:** Cummins
- **Displacement:** 171 cu in (2.8 L)
- **Brake Horsepower:** 215 @ 2500 rpm
- **Cooling System:** Liquid-cooled
- **Air Cleaner:** Dual element, dry-type with restriction indicator; centrifugal pre-cleaner
- **Safety Shutdown:** Three-point automatic
- **Throttle Control:** Electronic
- **Instrumentation:** Digital display Tachometer, hourmeter, voltmeter, temperature, oil pressure
- **Control Console:** Tilting and rotating

### 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)

### Dust Control System
- **Type:** Electric diaphragm, run dry capable
- **Capacity:** 130 gal (482 L) standard; optional to 196 gal (884 L)
- **Tank Construction:** Polyethylene
- **Filter:** 50 mesh, cleanable
- **Fill Diameter:** 2.5 in (63.5 mm)
- **Fill Hose:** 25 ft (7620 mm)
- **Controls:** Electric; in-cab
- **Nozzles:** 2 on each broom; 4 around suction head; 4 inside hopper

### Fan System
- **Type:** Closed-face radial
- **Drive:** Direct via 3V 5 groove banded power belt
- **Construction:** Hardox Steel
- **Balance:** 1.5 grams on 2 sides
- **Diameter:** 30 in (762 mm)
- **Housing Lining:** Bolt-in corded rubber
- **Mounting:** 2 sealed bearings
- **Vacuum Enhancer:** For heavy/light material

### Sweeping Head
- **Type:** Dual chambered full-width
- **Operating Direction:** Forward and reverse
- **Suspension:** Adjustable spring balanced
- **Length:** 80 in (2,032 mm)
- **Hose Diameter:** 12 in (305 mm)
- **Hose Construction:** 3/8 in (9.5 mm) wire-reinforced molded rubber with quick disconnect clamps
- **Controls:** Hydraulic raise and lower
- **Skids:** Double wide tungsten carbide
- **Construction:** Bolt in replaceable steel transitions

### Debris Hopper
- **Volumetric Capacity:** 4.8 cu y (3.6 cu m)
- **Construction:** 10 gauge
- **Type of Dumping:** Hydraulic
- **Inspection Doors:** 1 on each side of hopper
- **Controls:** Electric; in cab
- **Dumping Height:** 77 in (1956 mm)
- **Dumping Tilt Angle:** 88 degrees
- **Interior Coating:** Durable coating
- **Exterior Coating:** Sealer/primer; Polyurethane

### Hydraulic System
- **Type:** Fixed displacement gear
- **Drive:** Direct gear
- **Maximum Pressure:** 2500 psi (173 bar)
- **Reservoir:** 16 gal (60.6 L)
- **Filter:** 10 micron, spin on
- **Protection:** Pressure relief valve
- **Controls:** Electro-hydraulic
- **Filter:** 80 mesh

### Electrical System
- **Voltage:** 12 volt
- **Battery:** 2 @ 750 cca each
- **Alternator:** 120 amp
- **Circuit Breakers:** Resettable type

### Duster Brooms
- **Type:** Vertical steel digger
- **Location:** Right, Left, forward of pickup head
- **Diameter:** 39 in (991 mm)
- **Drive:** Hydraulic torque motor
- **Wear Adjustment:** Automatic
- **Pressure:** Manual
- **Speed:** Variable, non-reversing
- **Segments:** 4 each side; disposable; tempered steel wire filled
- **Tilt Adjustment:** Manual with optional in-cab controls

### Paint
One coat of sealer/primer and two coats of Dupont imron elite polyurethane in standard white color

*Ask us about our optional: