Schwarze Industries, Inc.

Sweeping & Surface Repair Equipment

The People You Know

The Products You Trust
A4 Storm
4.8 Cubic Yard Regenerative Air Street Sweeper

- High Performance Sweeping Head
- Up to 197 Gallon Water Capacity
- 77” Dump Height
- No CDL Required
## A4 Storm

### 4.8 Cubic Yard Regenerative Air Street Sweeper

### 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 / type: 4HK1-TCC / 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 radial 225/70 R 19.5
- Wheels: Steel construction
- Steering: Integral power
- Brakes: Vacuum/hydraulics with ABS

### STANDARD ENGINE
- Type: QSF2.8 diesel Tier 4F
- Manufacturer: Cummins
- Displacement: 171 cu in [2.8 L]
- Horsepower: 74 @ 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; hourometer; voltmeter; temperature; oil pressure
- Control console: Tilting and rotating

### ELECTRICAL SYSTEM
- Voltage: 12 volt
- Battery: 2 @ 750 cca each
- Alternator: 120 amp
- Circuit breakers: Resettable type

### DUST CONTROL SYSTEM
- Type: Electric diaphragm, run dry capable
- Capacity: 130 gal [492 L] standard optional to 196 gal [864 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 adjustable blast orifice
- Operating direction: Forward and reverse
- Suspension: Adjustable spring balanced
- Length: 80 in [2,032 mm]
- Hoses Diameter: 12 in [305 mm]
- Hose Construction: 3/8 in [9.5 mm]
- Controls: Hydraulic raise and lower
- Skids: Double wide tungsten carbide
- Construction: Bolt in replaceable steel transitions

### SIDE BROOMS
- Type: Vertical steel digger
- Location: Right, Left, forward of pickup head
- Diameter: 39 in [991 mm]
- Drive: Hydraulic torque motor
- Wear adjustment: Manual
- Pressure: Variable, non-reversing
- Speed: 4 each side, disposable; tempered steel wire filled
- Tilt adjustment: Manual with optional in-cab controls

### DEBRIS HOPPER
- Volumetric Capacity: 4.8 cu yd [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

*Design and specifications subject to change without notice.*

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### Hopper Warranty

*Ask us about our optional:
A7 Tornado
8.4 Cubic Yard Regenerative Air Street Sweeper

- PM 10 Certified
- WhisperWheel Fan Technology
- Schwarze Sweeps-in-Reverse
- DC Auxiliary Hydraulic Pump
A7 Tornado
8.4 Cubic Yard Regenerative Air Street Sweeper

**Sweeping Path**
- Pickup head only: 90 in (2286 mm)
- Head and 1 broom: 117 in (2972 mm)
- Head and 2 brooms: 144 in (3658 mm)

**Chassis**
Mounts on various chassis to meet requirements

**Sweeper Body**
- Construction: Welded 10-gauge stainless steel plate
- Safety props: Lift spacers

**Standard Engine**
- Model/type: 4045T in-line 4-cylinder
diesel
- Manufacturer: John Deere
- Displacement: 275 cu in. (4.5 L)
- Torque: 398 ft lb (540 Nm)
- Air cleaner: Centrifugal precleaner; dry type with safety element and restriction indicator
- Oil filter: Fullflow/spin-on
- Stroke: 5 in (127 mm)
- Bore: 4.20 in (106 mm)
- Compression ratio: 19 to 1
- Safety shutdown: Three-point automatic
- Throttle control: Electronic

**Sweeper Electrical System**
- Voltage: 12 V
- Engine alternator: 90 amp

**Dust Control System**
- Type: High pressure/low volume
- Capacity: 250 gallon (946 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; 5 around suction head; 2 inside suction nozzle; 2 on front axle; 2 inside hopper
- Water level gauge: In-cab

**Instrumentsation**
- Auxiliary engine: Flat panel display; tachometer; hourmeter; voltmeter; temperature gauge; oil pressure gauge; warning icons

**Fan System**
- Type: Closed-face radial
- Drive: Direct via 5 groove; banded power belt
- Construction: Hardox steel
- Balance: 1.5 grams on 2 sides
- Diameter: 32.75 in (832 mm)
- Housing lining: Bolt-in corded rubber
- Mounting: 2 regreasable sealed bearings
- Vacuum enhancer: For heavy/light material; in-cab indicator

**Pickup Head**
- Type: Dual chambered full-width blast orifice
- Operating direction: Forward and reverse
- Suspension: Adjustable spring balanced
- Length: 90 in (2286 mm)
- Pressure hose diam: 14 in (355.6 mm)
- Suction hose diam: 14 in (355.6 mm)
- Hose construction: 3/8 in (9.5 mm) wire-reinforced molded rubber
- Head area: 3240 sq in (20903 sq cm)
- Controls: Hydraulic raise and lower
- Skids: Double wide tungsten carbide
- Construction: Abrasion-resistant steel inlet and outlet transitions.

**Debris Hopper**
- Volumetric capacity: 8.4 cu yd (6.4 cu m)
- Usable Capacity: 7.0 cu yd (5.4 cu m)
- Dump angle: 51 degrees
- Riser angle: 3 degrees
- Lifting: Twin hydraulic cylinders
- Hopper dump door: Hydraulic open, close, lock
- Inspection doors: 1 on each side, pressure vessel lock
- Hopper dump height: 40 in (1016 mm)
- Debris screens: Sawtooth drop down

**Hydraulic System**
- Type: Dual output 2 section
- Pump capacity: 8 gpm @ 1800 rpm
- Maximum pressure: 2750 psi (190 bar)
- Reservoir: 25 gal (94 L)
- Filter: 10 micron; spin on
- Protection: Pressure relief valve
- Controls: Electro-hydraulic

**Auxiliary Hydraulic System**
- Type: Gear type; driven by electric motor
- Function: Lower hopper; open/close hopper door; raise brooms and pickup head

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

Note: Design and specifications subject to change without notice.

*Ask us about our optional:
A7 Zephyr
8.4 Cubic Yard Regenerative Air Runway Sweeper

- Up to 144” Sweeping Path
- WhisperWheel Fan Technology
- Schwarze Sweeps-in-Reverse
- Available with Self-Dumping Magnet Bar
# A7 Zephyr

## 8.4 Cubic Yard Regenerative Air Runway Sweeper

### Sweeping Path
- Pickup head only: 90 in (2286 mm)
- Pickup head and one gutter broom: 117 in (2972 mm)
- Pickup head and two gutter brooms: 144 in (3658 mm)

### Chassis
Mounts on various chassis to meet requirements

### Sweeper Body
- **Construction**: Welded 10-gauge stainless steel plate
- **Safety props**: Lift spacers

### Auxiliary Engine
- **Model/Type**: 4045T in-line 4 cylinder Tier 4 Final turbo-charged diesel
- **Manufacturer**: John Deere
- **Displacement**: 275 cu. in (4.5 L)
- **Brake horsepower**: 140 hp (104 kw) @ 2400 rpm
- **Torque**: 317 ft lb (430 Nm) @ 1500 rpm
- **Air cleaner**: Centrifugal pre-cleaner; dry type with safety element and restriction indicator
- **Oil filter**: Full-flow/spin-on
- **Stroke**: 5 in (127 mm)
- **Bore**: 4.20 in (106 mm)
- **Compression ratio**: 19 to 1
- **Safety shutdown**: Three-point automatic
- **Throttle control**: Electronic

### Electrical System
- **Voltage**: 12 V
- **Sweeper engine alternator**: 90 amp

### Dust Control System
- **Type**: High pressure/low volume
- **Capacity**: 250 gallon (946 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; 5 around suction head; 2 inside suction nozzle; 2 on front axle; 2 inside hopper
- **Water level gauge**: In-cab

### Instrumentation
- **Auxiliary engine**: Flat panel display; tachometer; hourmeter; voltmeter; temperature gauge; oil pressure gauge; warning icons
- **Construction**: Hardox steel
- **Balance**: 1.5 grams on 2 sides
- **Diameter**: 32.75 in (832 mm)
- **Housing lining**: Bolt-in corded rubber
- **Mounting**: 2 regreasable sealed bearings
- **Vacuum enhancer**: For heavy/light material; in-cab indicator

### Fan System
- **Type**: Closed-face radial
- **Drive**: Direct via 5 groove; banded power belt
- **Suspension**: Adjustable spring balanced
- **Length**: 90 in (2286 mm)
- **Pressure hose diameter**: 14 in (355.6 mm)
- **Suction hose diameter**: 14 in (355.6 mm)
- **Hose construction**: 3/8" (9.5 mm) wire-reinforced molded rubber
- **Head area**: 3240 sq in (20903 sq cm)
- **Controls**: Hydraulic raise and lower; rubber carbide
- **Construction**: Abrasion-resistant steel inlet and outlet transitions.

### Pick-up Head
- **Type**: Dual chambered full-width blast orifice
- **Operating direction**: Forward and reverse
- **Suspension**: Forward and reverse balanced
- **Length**: 90 in (2286 mm)
- **Pressure hose diameter**: 14 in (355.6 mm)
- **Suction hose diameter**: 14 in (355.6 mm)
- **Hose construction**: 3/8" (9.5 mm) wire-reinforced molded rubber
- **Head area**: 3240 sq in (20903 sq cm)
- **Controls**: Hydraulic raise and lower; rubber carbide
- **Construction**: Abrasion-resistant steel inlet and outlet transitions.

### Debris Hopper
- **Volumetric capacity**: 8.4 cu yd (6.4 cu m)
- **Usable Capacity**: 7.0 cu yd (5.4 cu m)
- **Dump angle**: 51 degrees
- **Floor angle**: 3 degrees
- **Lifting**: Twin hydraulic cylinders
- **Hopper dump door**: Hydraulic open, close, lock
- **Inspection doors**: 1 on each side, pressure vessel lock
- **Hopper dump height**: 40 in (1016 mm)
- **Debris screens**: Sawtooth drop down

### Hydraulic System
- **Type**: Dual output 2 section
- **Pump capacity**: 8 gpm @ 1800 rpm (30 lpm) per section for 16 gpm total
- **Drive**: Direct gear
- **Maximum pressure**: 2750 psi (190 bar)
- **Reservoir**: 25 gal (94 L)
- **Filter**: 10 micron; spin on
- **Protection**: Pressure relief valve
- **Controls**: Electro-hydraulic

### Auxiliary Hydraulic System
- **Type**: Gear type; driven by electric motor
- **Function**: Lower hopper; open/close hopper door; raise brooms and pickup head

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

### Note:
Design and specifications subject to change without notice.

*Ask us about our optional:
When investing in a new product, the buyer’s ambition should be to achieve the maximum value for their money. Cost should be balanced against product quality. Schwarze’s strategy for offering end user’s superior cost of ownership is based on a comprehensive approach where all product components are optimized in relation to each other.

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.
VALUE

CONSTANT INNOVATION

At Schwarze we know that fuel efficiency is one of the highest priorities. That’s why our engineering are constantly developing clever innovations to make our products more fuel efficient. Our Schwarze WhisperWheel® Fan technology, which reduces fuel consumption by up to 20% and reduces noise levels by 70%, is a prime example of this.

HELPING YOU TO DO MORE

High productivity has long been married to low energy consumption, ease of use and durability. When it comes to lowering life-cycle costs, Schwarze is a class of its own.
A8 Twister
6 Cubic Yard High Dump Regenerative Air Sweeper

- 2’ to 12’ Dump Height
- Extra Long Hand Hose Stroke Boom
- Full Function Display Control Panel
- Standard Tier 4 Final Engine
# A8 Twister

## 6 Cubic Yard High Dump Regenerative Air Sweeper

### SWEEPING PATH
- **Pickup head only**: 90 in (2286 mm)
- **Pickup head and one side broom**: 117 in (2972 mm)
- **Pickup head and two side brooms**: 144 in (3658 mm)

### CHASSIS
Mounts on various chassis to meet requirements.

### SWEEPER BODY
- **Construction**: Welded 10-gauge stainless steel plate
- **Safety props**: Lift spacers

### INSTRUMENTATION
- **Auxiliary engine**: Flat panel display; tachometer; hourmeter; voltmeter; temperature gauge; oil pressure gauge; warning icons

### AUXILIARY ENGINE
- **Model/type**: 4045T inline 4 cylinder
- **Aspiration**: Tier 4 Final turbo-charged diesel
- **Manufacturer**: John Deere
- **Displacement**: 275 cu in (4.5 L)
- **Brake horsepower**: 134 hp (100 kW)
- **@ 2400 rpm**
- **Torque**: 398 ft lb (540 Nm)
- **Air cleaner**: Centrifugal precleaner; dry type with safety element and restriction indicator
- **Oil filter**: Full-flow/spin-on
- **Stroke**: 5 in (127 mm)
- **Bore**: 4.20 in (106 mm)
- **Compression ratio**: 19 to 1
- **Safety shutdown**: Three-point automatic
- **Throttle control**: Electronic

### ELECTRICAL SYSTEM
- **Voltage**: 12 V
- **Sweeper engine alternator**: 65 amp

### DUST SUPPRESSION SYSTEM
- **Type**: High pressure/low volume
- **Capacity**: 250 gal (946 L)
- **Tank construction**: Polyethylene filter; 200 mesh; cleanable
- **Fill diameter**: 2.5 in (63.5 mm)
- **Fill hose**: 25 ft (7620 mm)
- **Controls**: Electric; in-cab

### FAN SYSTEM
- **Type**: Closed-face radial
- **Drive**: Direct via 5 groove; banded power belt
- **Construction**: Hardox steel
- **Balance**: 1.5 g on 2 sides
- **Diameter**: 32.76 in (832 mm)
- **Housing lining**: Bolt-in corded rubber
- **Mounting**: 2 regreaseable sealed bearings
- **Vacuum enhancer**: For heavy/light material; in-cab indicator

### PICKUP HEAD
- **Type**: Dual chambered full-width blast orifice
- **Operating direction**: Forward and reverse
- **Suspension**: Adjustable spring balanced
- **Length**: 90 in (2286 mm)
- **Pressure hose diameter**: 14 in (355.6 mm)
- **Suction hose diameter**: 14 in (355.6 mm)
- **Hose construction**: 3/8 in (9.5 mm) wire-reinforced molded rubber
- **Head area**: 3240 sq in (20 903 sq cm)
- **Head construction**: Abrasion-resistant steel inlet and outlet transitions.
- **Controls**: Hydraulic raise and lower; adjustable spring balanced
- **Skids**: Double wide tungsten carbide
- **Construction**: Stainless steel floor; abrasion-resistant steel inlet and outlet transitions.

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

### SIDE BROOMS
- **Type**: Vertical steel digger
- **Location**: Right; left; forward of pickup head
- **Diameter**: 44 in (1118 mm)
- **Drive**: Hydraulic
- **Suspension**: Torque-sensing spring
- **Wear adjustment**: Automatic

### DEBRIS HOPPER
- **Volumetric capacity**: 6 cu yd
- **Dump angle**: 50 degrees
- **Floor angle**: 0 degrees
- **Lifting**: Twin hydraulic cylinders scissors-lift
- **Hopper dump door**: Open/closed/lock hydraulically
- **Inspection doors**: 1 on left side of hopper
- **Dump height**: 24 in to 144 in high
- **Construction**: Stainless steel floor; sides and roof

### HYDRAULIC SYSTEM
- **Type**: Dual output 2 section
- **Pump capacity**: 8 gpm @ 1800 rpm (30 lpm) per section for 16 gpm total
- **Drive**: Direct gear
- **Maximum pressure**: 2750 psi (190 bar)
- **Reservoir**: 25 gal (94 L)
- **Filter**: 10 micron; spin on
- **Protection**: Pressure relief valve
- **Controls**: Electro-hydraulic

### AUXILIARY HYDRAULIC SYSTEM
- **Type**: Gear type; driven by electric motor
- **Function**: Lower hopper; open/closed hopper door; raise brooms and pickup head

Note: Design and specifications subject to change without notice.
A9 Monsoon
9.6 Cubic Yard Regenerative Air Sweeper

• Largest In The Industry
• WhisperWheel Fan Technology
• Schwarze Sweeps-in-Reverse
• Noise Reduction Shroud
A9 Monsoon
9.6 Cubic Yard Regenerative Air Sweeper

SWEEPING PATH
- Pickup head only: 90 in [2286 mm]
- Pickup head and one gutter broom: 117 in [2972 mm]
- Pickup head and two gutter brooms: 144 in [3658 mm]

CHASSIS
- Mounts on various chassis to meet requirements

SWEPER BODY
- Construction: Welded 10-gauge stainless steel plate
- Safety props: Lift spacers

AUXILIARY ENGINE
- Model/type: 4045T in-line 4 cylinder
- Aspiration: Tier 4 Final turbo-charged diesel
- Manufacturer: John Deere
- Displacement: 275 cu. in. [4.5 L]
- Brake horsepower: 134 hp (100 kw) @ 2400 rpm
- Torque: 398 ft lb (540 Nm) @1600 rpm
- Air cleaner: Centrifugal precleaner; dry type with safety element and restriction indicator
- Oil filter: Full-flow/spin-on
- Stroke: 5 in [127 mm]
- Bore: 4.20 in [106 mm]
- Compression ratio: 19 to 1
- Safety shutdown: Three-point automatic
- Throttle control: Electronic

ELECTRICAL SYSTEM
- Voltage: 12 V
- Sweeper engine alternator: 90 amp

DUST CONTROL SYSTEM
- Type: Run dry diaphragm
- Capacity: 250 gallon [946 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; 5 around suction head; 2 inside suction nozzle; 2 on front axle; 4 inside hopper
- Water level gauge: In-cab

DEBRIS HOPPER
- Volumetric capacity: 9.6 cu yd [7.3 cu m]
- Usable Capacity: 8.0 cu yd [6.1 cu m]
- Dump angle: 53 degrees
- Floor angle: 3 degrees
- Lifting: Twin hydraulic cylinders
- Hopper dump door: Hydraulic open, close, lock
- Inspection doors: 1 on each side, pressure vessel lock
- Hopper dump height: 33 in [838 mm]
- Screens: Sawtooth drop down

INSTRUMENTATION
- Auxiliary engine: Flat panel display; tachometer; hourmeter; voltmeter; temperature gauge; oil pressure gauge; warning icons
- FAN SYSTEM
- Type: Closed-face radial
- Drive: Direct via 5 grooves; banded power belt
- Construction: Hardox steel
- Balance: 1.5 grams on 2 sides
- Diameter: 32.75 in [832 mm]
- Housing lining: Bolt-in cored rubber
- Mounting: 2 regreasable sealed bearings
- Vacuum enhancer: For heavy/light material; in-cab indicator

PICKUP HEAD
- Type: Dual chambered full-width blast orifice
- Operating direction: Forward and reverse
- Suspension: Adjustable spring balanced
- Length: 90 in [2286 mm]
- Pressure hose diameter: 14 in [355.6 mm]
- Suction hose diameter: 14 in [355.6 mm]
- Hose construction: 3/8” [9.5 mm] wire-reinforced molded rubber
- Head area: 3240 sq in [20903 sq cm]
- Controls: Hydraulic raise and lower
- Skids: Double wide tungsten carbide
- Construction: Abrasion-resistant steel inlet and outlet transitions.

SIDE BROOMS
- Type: Vertical steel digger
- Location: Right; left; forward of pickup head
- Diameter: 44 in [1118 mm]
- Drive: Hydraulic
- Suspension: Torque-sensing spring
- Wear adjustment: Automatic
- Pressure: Manual
- Speed: Variable; non-reversing
- Segments: 5 each side; disposable
- Tilt angle adjustment: In-cab controls

PAINT
- One coat of sealer/primer and two coats of Imron® Elite polyurethane in standard white color

Note: Design and specifications subject to change without notice.

*Ask us about our optional:
M6 Avalanche
5 Cubic Yard Mechanical Sweeper

- Full Function Display Control Panel
- Easy Change Conveyor System
- Single or Twin Engine
- Impact Resistant Flexible Drag Shoe
M6 Avalanche
5 Cubic Yard Mechanical Sweeper

CONVEYER
Bearing: Self-aligning, triple-sealed and shielded
Conveyor: Bolt-on, replaceable
Speed: Forward and reverse, in-cab variable speed standard, independent from engine rpm
Adjustment: Threaded rack
Drive: Direct drive hydraulic; forward and reverse
Hopper connection: Positive seal to eliminate debris spillage
Suspension: Air cylinders with in-cab adjustment for lower conveyor lift
Conveyor Jam warning: Console-mounted, light and alarm

CONVEYER / SQUEEGEE
Conveyor: Squeegee with replaceable flights
Conveyor chain: Precision, heavy duty, constant-radius roller chain
Flexibility: Flexes for large object passage
Cleaning: Built-in flushing system with high volume fan jet nozzles

CONVEYER / BELT
Conveyor: Heavy duty multiply belt with full width cleats
Cleaning: Built-in flushing system with high volume fan jet nozzles and lower roller flush

WATER SYSTEM
Capacity of tank:
- SE conventional: 350 gal (1325 L)
- SE cabover: 350 gal to 700 gal (1325 L to 2650 L)
- TE conventional: 200 gal (757 L)
- TE cabover: 350 gal to 500 gal (1325 L to 2555 L)
Construction: Polyethylene
Filter: 4 in (102 mm) air gap fill, tubular protected fill receptacle
Fill: Hose 25 ft with 2.5 in NST hydrant coupling (7620 mm x 63.5 mm)
Mounting: Bolt-on, removable
Pump: Electric diaphragm pump, 5.89 gpm (22.3 Lpm) at 50 psi (3.5 bar)
Spray bars: In-cab, independent control; 7 nozzles located across front bumper, 4 nozzles at each gutter broom and 5 nozzles across the main broom
Spray nozzles: All brass 80 degree fan pattern with 100 mesh tip strainer
Filter: 200 mesh screen primary with 5 micron high capacity secondary filter

FUEL SYSTEM
Fuel tank: Diesel, 50 gallons (189.25 L)
CNG, 50 DGE (Diesel Gal. Equivalent) at 3600 psi

HYDRAULIC SYSTEM
Pump: Variable displacement load sense piston pump
Reservoir: 35 gal (133 L) mounted above pump
Oil cooler: 120 000 btu twin electric fans
Valves: Electro-mechanical, 12 V dc with lighted din connectors
Protection: Pressure relief
Controls: In-cab; all electric
Filtration: 100-mesh suction, 10-micron return, 5-micron breather

ELECTRICAL SYSTEM
Voltage: 12 V
Alternator: 160 amp

SWEEPER ENGINE (TWIN ENGINE ONLY)
Engine: Yanmar Tier 4 Final or Deutz Tier 4i
Alternator: 55 amp
Displacement: 202 cu in (3.3 L)
Horsepower: 68 hp @ 2500 rpm
Torque: 184 ft lb (250 Nm) @ 1600 rpm

GUTTER BROOMS
Location: Behind cab
Diameter: 49 in (1245 mm)
Type: 5 segment wire filled plastic recyclable head
Speed: In-cab variable speed standard, independent from engine rpm
Suspension: Free-floating with air suspension and air extension
Drive: Full hydraulic
Adjustments: Manual tilt, in-cab remote hydraulic tilt (optional)
Bristles: 26 in (660 mm) wire
Center deflector: Raises and lowers automatically with main broom

MAIN BROOM
Diameter: 36 in (914 mm)
Length: 58 in (1473 mm)
Bristles: Replaceable solid core, poly wafer, poly wafer/stainless combo or strip broom
Lift control: In-cab pneumatic lift with positive lock
Drive: Direct drive hydraulic motor
Mounting: Full floating
Speed: Forward and reverse, in-cab variable speed standard, independent from engine rpm
Suspension: Self-aligning
Dirt shoes: Trailing arm design with 2 in (51 mm) wide tungsten carbide shoe with elastomeric flex link
Suspension: Air suspension with in-cab adjustment and display

DEBRIS HOPPER
Volumetric capacity: 5.0 cu yds (3.82 cu m)
Construction: 3/16 in floor, 10 gauge sides/roof, temper pass/pickled in oil carbon steel optional stainless steel
gross lift capacity: 14 000 lbs (6350 kg)
Dumping: Scissor-lift with hopper tilt
Dump height: (Variable) 16 in (406 mm) to 138 in (3505 mm)
Inspection: Side door with ladder access, front view window with double skylight and led illumination

GENERAL
Wheelbase: SE and TE - 139 in (3532 mm)
Cabover - 132 in (3353 mm)
Length: SE and TE - 273 in (6934mm)
Cabover - 269 in (6833 mm)
Travel width: 96 in (2438 mm)
Sweeping width: 134 in (3404 mm) [brooms extended]
Overall height: 113 in (2870 mm)
GVWR: 33 000 lbs (14 969 kgs)

PAINT
One coat of sealer/primer and two coats of DuPont Imron Elite polyurethane white color

Note: Specifications are subject to change without notice.
Schwarze HyperVAC
7.8 Cubic Yard PURE VACUUM Sweeper

- Extra Large Sweeping Path
- Dual Vacuum Sweeping Heads
- Advanced Full-Width Surface Scrubbing
- Eliminates Transfer Broom Carry-Over
Schwarze HyperVAC

7.8 Cubic Yard PURE VACUUM Sweeper

**Sweeping Path**
- Suction nozzle only: 28 in. (813 mm)
- Suction nozzle, transfer brooms and one side broom: 108 in. (2743 mm)
- Dual suction nozzles, dual side brooms and transfer brooms: 138 in. (3505 mm)

**Chassis**
Mounts on various chassis to meet requirements

**Sweper Body**
- Construction: Welded 10-gauge stainless steel plate
- Safety props: Dual steel bars under body

**Instrumentation**
- Auxiliary engine: Flat panel display, tachometer, hourmeter, voltmeter, oil pressure gauge, temperature gauge, warning icons

**Auxiliary Engine**
- Model/type: 4045T in-line 4 cylinder
- Aspiration: Tier 4 turbo-charged diesel
- Manufacturer: John Deere
- Displacement: 275cu in (4.5 L) Brake horsepower: 134hp (10 kw) @ 2400 rpm
- Torque: 380ft lb (540 Nm) @ 1600 rpm
- Air cleaner: Centrifugal precleaner, dry type with safety element and restriction indicator
- Oil filter: Full-flow/spin-on
- Stroke: 5 in (127 mm)
- Bore: 4.20 in (106 mm)
- Compression ratio: 19 to 1
- Safety shutdown: Three-point automatic
- Throttle control: Electronic

**Electrical System**
- Voltage: 12 V
- Sweeper engine alternator: 90 amp

**Dust Suppression System**
- Type: Positive displacement diaphragm
- Capacity: 250 gal (946 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
- Water level gauge: In-cab

**Fan System**
- Type: Closed-face radial
- Drive: Direct via 5 groove belt
- Construction: Hardox steel
- Balance: 1.5 on 2 sides
- Diameter: 32.75 in (832 mm)
- Housing lining: Bolt-in corded rubber
- Mounting: 2 regreaseable sealed bearings

**Suction Nozzles**
- Type: Tow bar
- Operating direction: Forward with lift in reverse
- Suspension: Caster wheel
- Nozzle area: 250 sq in (2032 mm)
- Suction hose diameter: 12" (305 mm)
- Hose construction: Wire-reinforced, 3/8" (9.5 mm) thick molded rubber
- Reach: 8" (200 mm) beyond tire
- Leaf/litter door: Pneumatic with adjustable timer
- Controls: Pneumatic raise and lower
- Construction: Abrasion-resistant steel with corded rubber seal flaps.

**Side Brooms**
- Type: Vertical steel digger
- Location: Right, left, forward of pickup head
- Diameter: 39" (1118 mm)
- Drive: Hydraulic
- Suspension: Air float
- Wear adjustment: Automatic
- Pressure: In-cab pneumatic adjustable
- Speed: Variable, non-reversing
- Segments: 4 per side; disposable
- Tilt angle adjustment: In-cab controls

**Transfer Scrubbing Brooms**
- Type: Vertical Steel digger
- Quantity: 3
- Size: 28" in (63.5 mm)
- Drive: Hydraulic
- Suspension: Air float
- Wear adjustment: Automatic
- Lift: Air cylinder

**Debris Hopper**
- Volumetric capacity: 7.8 cu yd (6.6 m³)
- Usable capacity: 7.0 cu yd (5.4 m³)
- Dump angle: 46 degrees
- Floor angle: 3 degrees
- Lifting: Twin hydraulic cylinders
- Hopper dump door: Hydraulic open, close, lock
- Inspection doors: 1 on each side
- Hopper Dump height: 45 in (1143 mm)
- Debris screens: Drop down for cleaning

**Hydraulic System**
- Type: Variable displacement
- Pump capacity: 34 gpm 129 lpm @ 2200 rpm
- Drive: Belt
- Maximum pressure: 2750 psi (190 bar)
- Reservoir: 10 gal (34 L)
- Filter: 10 micron; in-tank pressure relief valve
- Controls: Electro-hydraulic

**Auxiliary Hydraulic System**
- Type: Gear type
- Function: Driven by 12v electric motor
- Lower hopper; open/close hopper door; raise brooms & pickup head

**Paint**
- One coat of sealer/primer and two coats of Imron® Elite polyurethane in standard white color
- Note: Design and specifications subject to change without notice.

*Ask us about our optional:
GS6 Tempest
6 Cubic Meter Various Chassis Mounted Sweeper

- Large Sweeping Width
- Choice of Cab Chassis
- Mirror Image Dual Steer & Dual Sweep
- 946 Liter Dust Suppression System
Schwarze GS6 Tempest™
6 Cubic Metre Regenerative Air Sweeper

**Sweeping Path**
- Pickup head only: 2032 mm (80 in)
- Pickup head and one gutter broom: 2717 mm (107 in)
- Pickup head and two gutter brooms: 3404 mm (134 in)

**Debris Hopper**
- Volumetric capacity: 6 cu. m (7.8 cu. y)
- Usable Capacity: 4.97 cu. m (6.5 cu. y)
- Dump angle: 46°
- Floor angle: 3°
- Lifting: Twin hydraulic cylinders
- Hopper dump door: open/closed/lock hydraulically
- Inspection doors: 1 on each side of hopper
- Screens: Drop down design
- Safety Prop: Dual steel tubes

**Chassis**
Mounts on various chassis to meet requirements

**Instrumentation**
- Sweeper engine: Tachometer; hourmeter; voltmeter; temperature gauge
- Sweeper Load weight warning
- Hopper up indicator
- Hydraulic level indicator

**Standard Engine**
- Model/type: 4045HF285
- Aspiration: Turbo-charged diesel
- Manufacturer: John Deere
- Displacement: 4.5 l (275 cu. in)
- Brake horsepower: 86 kW (115 hp)
- Torque: 430 Nm (317 ft. lb.)
- Air cleaner: Dual element dry type
  w/ centrifugal pre-cleaner & restriction indicator
- Oil filter: Full-flow/spin-on
- Safety shutdown: Three-point automatic
- Throttle control: Electronic

**Dust Control System**
- Pump: Run Dry Diaphragm
- Capacity: 946 l (250 gal)
- Tank construction: Polyethylene filter; 50 mesh; cleanable
- Fill diameter: 63.5 mm (2.5 in)
- Fill hose: 7620 mm (25 ft)
- Controls: Electric; in-cab
- Nozzles: 2 on each broom; 2 inside transition tube; 1 inside suction nozzle; 7 on hopper spray bar (optional)

**Blower System**
- Type: Closed-face radial
- Drive: Direct via 5 single power belts
- Construction: Hardox steel
- Balance: 1.5 g on 2 sides
- Dimensions: 832 mm x 127 mm (32.75 in x 5 in)
- Housing lining: Bolt-in corded rubber
- Mounting: Double sealed bearing spindle
- Vacuum enhancer: For heavy/light material

**Pickup Head**
- Type: Dual chambered full-width blast orifice
- Operating direction: Forward and reverse
- Suspension: Adjustable spring balanced
- Length: 2032 mm (80 in)
- Hose diameter: 355.6 mm (14 in)
- Hose construction: Wire-reinforced molded rubber
- Head area: 12903 cm² (2000 sq. in)
- Front flap: Hydraulic open and close

**Side Brooms**
- Type: Vertical steel digger
- Location: Right; left; forward of pickup head
- Diameter: 990 mm (39 in)
- Drive: Hydraulic
- Suspension: Torque-sensing spring
- Wear adjustment: Automatic
- Pressure: Manual
- Speed: Variable; non-reversing
- Segments: 4 each side; disposable
- Tilt angle adjustment: In-cab controls

**Hydraulic System**
- Type: Gear type
- Pump capacity: 24.6 l/min @ 1800 rpm (6.9 gpm)
- Drive: Direct gear
- Maximum pressure: 173 bar (2500 psi)
- Reservoir: 94 l (22.5 gal)
- Filter: 6 micron; spin on
- Protection: Pressure relief valve
- Controls: Electro-hydraulic

**Auxiliary Hydraulic System**
- Type: Gear type; driven by electric motor
- Function: Raise/lower hopper; open/close hopper door; raise/lower brooms and pickup head

**Electrical System**
- Voltage: 12 v
- Sweeper engine alternator: 75 amp

**Operator Convenience**
- Access platform behind cab
- Low pressure wash-down

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

Note: Design and specifications subject to change without notice.

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The People You Know, The Products You Trust.
ALL ABOUT PERFORMANCE

At Schwarze, we’re not just coming along for the ride. We develop products and services that raise productivity, we are confident we can lower your cost and increase your profits. As part of the Alamo Group, we are passionate about innovative solutions to help you work smarter, not harder.

PERFORMANCE

DESIGNED TO FIT YOUR NEEDS

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.
A GREAT PLACE TO SPEND THE WORKING DAY

Schwarze products expand on our tradition of productive, comfortable work environments for operators. LED lighting and beacons ensure maximum visibility to you and the people around you. Backup alarms alert pedestrians and vehicles of reverse motion.

PUBLIC SAFETY

YOU LEARN A LOT IN 40 YEARS

Over the years, Schwarze has advanced solutions that have revolutionized the sweeping industry. 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.

A quality product lasts, and that’s why Schwarze products are built with more care, more quality and reliability you can see and feel. They are powerful enough to handle whatever you put in front of them, year after year.
SuperVac Aero
2 Cubic Yard Portable Slide-In/Trailer Sweeper

- Polyethylene Construction
- Clean Air Curb Blower
- 78” Reverse Sweep Pickup Head
- 22hp Gasoline Auxiliary Engine
## SuperVac Aero

### 2 Cubic Yard Portable Slide-In/Trailer Sweeper

---

### AUXILIARY ENGINE:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer</td>
<td>Robin Subaru</td>
</tr>
<tr>
<td>Model</td>
<td>EH-65</td>
</tr>
<tr>
<td>Number of cylinders</td>
<td>V-twin cylinder (4-cycle)</td>
</tr>
<tr>
<td>Displacement</td>
<td>39.90 cu in (653 cc)</td>
</tr>
<tr>
<td>Compression ratio</td>
<td>8:3:1</td>
</tr>
<tr>
<td>Brake horsepower</td>
<td>22.0 hp @ 3,600 rpm</td>
</tr>
<tr>
<td>Starting system</td>
<td>Electric start</td>
</tr>
<tr>
<td>Fuel</td>
<td>Gasoline; 5 gal tank capacity</td>
</tr>
<tr>
<td>Oil filter</td>
<td>1.64 qt (1500 cc)</td>
</tr>
<tr>
<td>Charging system</td>
<td>12 V; 15 amp</td>
</tr>
</tbody>
</table>

### DEBRIS HOPPER:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volumetric capacity</td>
<td>2.0 cu yd (1.53 cu m)</td>
</tr>
<tr>
<td>Construction</td>
<td>Impact and abrasion-resistant polyethylene</td>
</tr>
<tr>
<td>Dust separator</td>
<td>Replaceable</td>
</tr>
<tr>
<td>Separator screen</td>
<td>Slide-in replaceable</td>
</tr>
</tbody>
</table>

### FAN SYSTEM:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Radial blade</td>
</tr>
<tr>
<td>Drive</td>
<td>Belt driven; 3V</td>
</tr>
<tr>
<td>Number of blades</td>
<td>6</td>
</tr>
<tr>
<td>Speed</td>
<td>3600 rpm</td>
</tr>
<tr>
<td>Diameter</td>
<td>20 in</td>
</tr>
<tr>
<td>Construction</td>
<td>Welded; abrasion-resistant steel</td>
</tr>
<tr>
<td>Mounting</td>
<td>Pillow block bearings</td>
</tr>
</tbody>
</table>

### SWEEPING HEAD:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Debris-moving blast and suction</td>
</tr>
<tr>
<td>Suspension</td>
<td>2 trailing arms</td>
</tr>
<tr>
<td>Construction</td>
<td>Steel</td>
</tr>
<tr>
<td>Width</td>
<td>78 in [1981 mm]</td>
</tr>
<tr>
<td>Flap design</td>
<td>2 flaps</td>
</tr>
<tr>
<td>Skids</td>
<td>Tungsten Carbide</td>
</tr>
<tr>
<td>Suction hose diameter</td>
<td>10 in (254 mm)</td>
</tr>
<tr>
<td>Pressure hose diameter</td>
<td>10 in (254 mm)</td>
</tr>
<tr>
<td>Lift/Lower</td>
<td>Manual crank winch</td>
</tr>
</tbody>
</table>

### WATER SYSTEM:

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Gravity-to-intake</td>
</tr>
<tr>
<td>Location</td>
<td>At sweeping head;</td>
</tr>
<tr>
<td>Controls</td>
<td>Outside at water tank</td>
</tr>
<tr>
<td>Tank capacity</td>
<td>25 gal [94.6 L]</td>
</tr>
<tr>
<td>Tank construction</td>
<td>Non-corrosive plastic</td>
</tr>
</tbody>
</table>

### STANDARD EQUIPMENT:

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pulse-type fuel pump</td>
<td></td>
</tr>
<tr>
<td>Full pressure lubrication</td>
<td></td>
</tr>
<tr>
<td>Manual throttle &amp; choke with remove cables</td>
<td></td>
</tr>
<tr>
<td>Full flow spin-on oil filter</td>
<td></td>
</tr>
<tr>
<td>Solenoid fuel shutdown carburetor</td>
<td></td>
</tr>
<tr>
<td>Cast iron cylinder sleeves</td>
<td></td>
</tr>
<tr>
<td>Oil pressure shut-off switch</td>
<td></td>
</tr>
<tr>
<td>Large dual element air cleaner</td>
<td></td>
</tr>
<tr>
<td>Large ball bearing on PTO side</td>
<td></td>
</tr>
<tr>
<td>12 V electric starter with remote mount key switch</td>
<td></td>
</tr>
<tr>
<td>Wireless rear view camera with 7&quot; color monitor</td>
<td></td>
</tr>
</tbody>
</table>

### OPTIONAL EQUIPMENT:

<table>
<thead>
<tr>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strobe light</td>
<td></td>
</tr>
<tr>
<td>Flood light</td>
<td></td>
</tr>
<tr>
<td>Mounted clean air blower</td>
<td></td>
</tr>
<tr>
<td>Backpack blower rack</td>
<td></td>
</tr>
<tr>
<td>Trailer mounted</td>
<td></td>
</tr>
</tbody>
</table>

Note: design and specifications subject to change without notice.
SuperVac Updraft
2 Cubic Yard Low Profile Parking Area Sweeper

- Low Profile
- Half Ton Fuel Efficient V6 Chassis
- Stainless Steel Welded Construction
- GVW Tested
**GENERAL SPECIFICATIONS:**
- **Total empty weight:** 6200 lbs (2812 kgs)
- **Wheelbase:** 133 in (3378 mm)
- **Sweeping width:** 81 in (2057 mm)
- **With one gutter broom option:** 97 in (2464 mm)
- **Turning radius:** 274 in (6960 mm)
- **Overall length:** 221 in [5613 mm]
- **Overall height (without beacon):** 80 in [2032 mm]
- **Overall width:** 89 in [2261 mm]

**AUXILIARY ENGINE:**
- **Manufacturer:** Kohler
- **Horse power:** 30
- **Type:** Water cooled gasoline
- **Warranty:** 3 year

**DEBRIS HOPPER:**
- **Volumetric capacity:** 2.0 cu yd [1.53 cu m]
- **Dumping:** Hydraulic high dump
- **Material:** Stainless steel
- **Dump height:** 67 in (1702 mm)
- **Dumping tilt angle:** 88°
- **Inspection doors:** 1 on left side 1 on right side
- **Controls:** Electric; in-cab
- **Paint:** Imron Elite®

**ELECTRICAL SYSTEM:**
- **Battery:** 1 @ 12 V, 750 cca each
- **Controls:** Electric; in-cab
- **Circuit protection:** Resettable circuit breakers
- **Rear view camera:** Color; dash mounted

**SIDE BROOM:**
- **Type:** Poly wafers
- **Wafers:** 2 - disposable wafers
- **Diameter:** 36 in [914 mm]
- **Drive:** Hydraulic torque motor
- **Speed:** Variable
- **Mounting:** Trailing arm design
- **Location:** Left hand side
- **Suspension:** Free floating
- **Wear adjustment:** Automatic
- **Impact protection:** Spring
- **Tilt angle adjustment:** Manual, at broom

**HYDRAULIC SYSTEM:**
- **Type:** Belt driven gear pump
- **Fluid capacity:** 3 gal [11.4 l]
- **Purpose:** Power gutter broom
- **Dump system hydraulics:** 12 V power unit

**OPTIONAL WATER SYSTEM:**
- **Type:** Diaphragm
- **Tank capacity:** 12 gal [46 l]
- **Construction:** Aluminum
- **Pump:** Electric 12 V dc
- **Controls:** Electric; in-cab
- **Filter:** 100 mesh screen
- **Mounting:** Removable
- **Fill diameter:** 3 in [76.2 mm]
- **Nozzles:** 2 on broom; 2 inside hopper
- **Optional:** Front spray bar

**OPTIONAL EQUIPMENT:**
- Polyethylene tool box
- Rear trash bag rack
- Cab mounted strobe
- Extra flood light

Note: design and specifications subject to change without notice.
SuperVac Super Updraft
3 Cubic Yard Low Profile Parking Area Sweeper

- Low Profile
- Vertical Digger Broom
- Full Size Sweeping Head
- Large Water Capacity
### GENERAL SPECIFICATIONS:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelbase</td>
<td>133 in (3378 mm)</td>
</tr>
<tr>
<td>Sweeping width</td>
<td>81 in (2057 mm)</td>
</tr>
<tr>
<td>Turning radius</td>
<td>274 in (6960 mm)</td>
</tr>
<tr>
<td>Overall length</td>
<td>230 in (5842 mm)</td>
</tr>
<tr>
<td>Overall height (without beacon)</td>
<td>82 in (2083 mm)</td>
</tr>
<tr>
<td>Overall width</td>
<td>89 in (2261 mm)</td>
</tr>
</tbody>
</table>

### AUXILIARY ENGINE:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer</td>
<td>B&amp;G Vanguard Big Block</td>
</tr>
<tr>
<td>Horse power</td>
<td>25</td>
</tr>
<tr>
<td>Type</td>
<td>Air cooled gasoline</td>
</tr>
<tr>
<td>Air cleaner</td>
<td>Centrifugal multi-stage</td>
</tr>
<tr>
<td>Cylinder</td>
<td>Cast iron cylinder sleeve</td>
</tr>
<tr>
<td>Warranty</td>
<td>3 year</td>
</tr>
</tbody>
</table>

### DEBRIS HOPPER:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volumetric capacity</td>
<td>3.0 cu yd (2.3 cu m)</td>
</tr>
<tr>
<td>Dumping</td>
<td>Hydraulic high dump</td>
</tr>
<tr>
<td>Material</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>Dump height</td>
<td>69 in (1753 mm)</td>
</tr>
<tr>
<td>Dumping tilt angle</td>
<td>88°</td>
</tr>
<tr>
<td>Inspection doors</td>
<td>1 on left side, 1 on right side</td>
</tr>
<tr>
<td>Controls</td>
<td>Electric, in-cab</td>
</tr>
<tr>
<td>Paint</td>
<td>Imron Elite®</td>
</tr>
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</table>

### ELECTRICAL SYSTEM:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery</td>
<td>1 @ 12 V, 750 cca each</td>
</tr>
<tr>
<td>Controls</td>
<td>Electric, in-cab</td>
</tr>
<tr>
<td>Circuit protection</td>
<td>Retractable circuit breakers</td>
</tr>
<tr>
<td>Rear view camera</td>
<td>Color, dash mounted</td>
</tr>
</tbody>
</table>

### SIDE BROOM:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Vertical digger</td>
</tr>
<tr>
<td>Bristle</td>
<td>Wire or poly</td>
</tr>
<tr>
<td>Diameter</td>
<td>26 in (660 mm)</td>
</tr>
<tr>
<td>Drive</td>
<td>Hydraulic torque motor</td>
</tr>
<tr>
<td>Speed</td>
<td>Variable</td>
</tr>
<tr>
<td>Mounting</td>
<td>Trailing arm design</td>
</tr>
<tr>
<td>Location</td>
<td>Left hand side</td>
</tr>
<tr>
<td>Suspension</td>
<td>Free floating</td>
</tr>
<tr>
<td>Wear adjustment</td>
<td>Automatic</td>
</tr>
<tr>
<td>Impact protection</td>
<td>Spring</td>
</tr>
<tr>
<td>Tilt angle adjustment</td>
<td>Manual, at broom</td>
</tr>
</tbody>
</table>

### HYDRAULIC SYSTEM:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Belt driven gear pump</td>
</tr>
<tr>
<td>Fluid capacity</td>
<td>3 gal (11.4 l)</td>
</tr>
<tr>
<td>Purpose</td>
<td>Power gutter broom</td>
</tr>
<tr>
<td>Dump system hydraulics</td>
<td>12 V power unit, 1 gal (3.8 l)</td>
</tr>
</tbody>
</table>

### OPTIONAL WATER SYSTEM:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Diaphragm</td>
</tr>
<tr>
<td>Tank capacity</td>
<td>25 gal (96 l)</td>
</tr>
<tr>
<td>Construction</td>
<td>Polyethylene</td>
</tr>
<tr>
<td>Pump</td>
<td>Electric 12 V dc</td>
</tr>
<tr>
<td>Filter</td>
<td>100 mesh screen</td>
</tr>
<tr>
<td>Mounting</td>
<td>Removable</td>
</tr>
<tr>
<td>Fill diameter</td>
<td>3 in (76.2 mm)</td>
</tr>
<tr>
<td>Nozzles</td>
<td>2 on broom; 2 inside hopper</td>
</tr>
<tr>
<td>Optional</td>
<td>Front spray bar</td>
</tr>
</tbody>
</table>

### OPTIONAL EQUIPMENT:

- Polyethylene tool box
- Rear trash bag rack
- Cab mounted strobe
- Extra flood light
- Curb blower.

Note: design and specifications subject to change without notice.
SuperVac Vortex
4.8 Cubic Yard Parking Lot Sweeper

- Larger Capacity
- Better Design
- Quieter Operation
- Flexible Storage Options
GENERAL SPECIFICATIONS:

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pickup head only</td>
<td>80 in (2,032 mm)</td>
</tr>
<tr>
<td>Pickup head and one gutter broom</td>
<td>96 in (2,438 mm)</td>
</tr>
<tr>
<td>Pickup head and two gutter brooms</td>
<td>112 in (2,845 mm)</td>
</tr>
<tr>
<td>AUXILIARY ENGINE</td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td>V-twin liquid cooled gas</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>Kohler</td>
</tr>
<tr>
<td>Displacement</td>
<td>45.6 cu in (747 cc)</td>
</tr>
<tr>
<td>Brake horsepower</td>
<td>30 @ 3500 rpm</td>
</tr>
<tr>
<td>Cooling system</td>
<td>Liquid-cooled</td>
</tr>
<tr>
<td>Air cleaner</td>
<td>Dual element dry-type</td>
</tr>
<tr>
<td>Safety shutdown</td>
<td>Three-point automatic</td>
</tr>
<tr>
<td>WARRANTY</td>
<td>3 Year</td>
</tr>
</tbody>
</table>

DEBRIS HOPPER

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volumetric Capacity</td>
<td>4.8 cu yd. (3.6 cu m)</td>
</tr>
<tr>
<td>Construction</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>Type of Dumping</td>
<td>Hydraulic</td>
</tr>
<tr>
<td>Inspection Doors</td>
<td>1 on each side of hopper</td>
</tr>
<tr>
<td>Controls</td>
<td>Electric; in cab</td>
</tr>
<tr>
<td>Dumping Height</td>
<td>77 in (1956 mm)</td>
</tr>
<tr>
<td>Dumping Tilt Angle</td>
<td>88 degrees</td>
</tr>
<tr>
<td>Exterior Coating</td>
<td>Sealer/primer; polyurethane</td>
</tr>
</tbody>
</table>

ELECTRICAL SYSTEM

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>12 volt</td>
</tr>
<tr>
<td>Battery</td>
<td>1 @ 750 CCA</td>
</tr>
<tr>
<td>Alternator</td>
<td>145 amp chassis</td>
</tr>
<tr>
<td>Circuit breakers</td>
<td>Resettable type</td>
</tr>
</tbody>
</table>

SIDE BROOMS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Vertical steel digger</td>
</tr>
<tr>
<td>Location</td>
<td>Left and/or right, forward of pickup head</td>
</tr>
<tr>
<td>Diameter</td>
<td>26 in (660 mm)</td>
</tr>
<tr>
<td>Drive</td>
<td>Hydraulic torque motor</td>
</tr>
<tr>
<td>Wear adjustment</td>
<td>Automatic</td>
</tr>
<tr>
<td>Pressure</td>
<td>Manual</td>
</tr>
<tr>
<td>Speed</td>
<td>Variable, non-reversing</td>
</tr>
<tr>
<td>Segments</td>
<td>Bolt-on disposable;</td>
</tr>
<tr>
<td></td>
<td>tempered steel wire filled</td>
</tr>
<tr>
<td>Tilt adjustment</td>
<td>Manual</td>
</tr>
</tbody>
</table>

CHASSIS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model / type</td>
<td>NPR Gas</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>Isuzu</td>
</tr>
<tr>
<td>Engine</td>
<td>GM V8 Vortec 6.0 Liter</td>
</tr>
<tr>
<td>Fuel</td>
<td>Gas, 30 Gal In Frame Tank</td>
</tr>
<tr>
<td>Air filter</td>
<td>Dry type; heavy duty</td>
</tr>
<tr>
<td>Standard GVWR</td>
<td>12,000 lb (5,443 kg)*</td>
</tr>
<tr>
<td>Optional GVWR</td>
<td>14,500 lb (6,577 kg)*</td>
</tr>
<tr>
<td>Transmission</td>
<td>6L90 6 speed automatic</td>
</tr>
<tr>
<td>Tires</td>
<td>(6) Tubeless steel-belted radials</td>
</tr>
<tr>
<td></td>
<td>*12,000 GVW 215/8SR16E (10-ply)</td>
</tr>
<tr>
<td></td>
<td>**14,500 GVW 225/7DR19.5G (14-ply)</td>
</tr>
<tr>
<td>Wheels</td>
<td>Steel construction</td>
</tr>
<tr>
<td>Steering</td>
<td>Integral power;</td>
</tr>
<tr>
<td>Brakes</td>
<td>Vacuum/hydraulic</td>
</tr>
</tbody>
</table>

PAINT

One coat of sealer/primer and two coats of Axalta Imron Elite polyurethane in standard white color

Note: Design and specifications subject to change without notice.
SuperVac Gale Force
4.8 Cubic Yard Parking Lot Sweeper

- 82” Reverse Sweep Pickup Head
- 39” Diameter Gutter Broom
- Diesel Auxiliary Engine
- 69” High Dump
**4.8 Cubic Yard Parking Lot Sweeper**

### GENERAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total empty weight</td>
<td>10,480 lb (4753.64 kg)</td>
</tr>
<tr>
<td>Overall width</td>
<td>85 in (2159 mm)</td>
</tr>
<tr>
<td>Overall length</td>
<td>236 in (6045 mm)</td>
</tr>
<tr>
<td>Overall height</td>
<td>99 in (2515 mm)</td>
</tr>
<tr>
<td>Wheelbase</td>
<td>132.5 in (3365 mm)</td>
</tr>
<tr>
<td>Turning radius</td>
<td>20 ft curb to curb</td>
</tr>
<tr>
<td>Sweeping width (Head only)</td>
<td>82 in (2083 mm)</td>
</tr>
<tr>
<td>Sweeping width (2 brooms)</td>
<td>103 in (2517 mm)</td>
</tr>
<tr>
<td>Sweeping width [2 brooms]</td>
<td>124 in (3150 mm)</td>
</tr>
</tbody>
</table>

### AUXILIARY ENGINE

- **Make**: Yanmar diesel  
- **Model**: 4TNV98C-NYEM  
- **Horse power**: 68 hp (50.4 kw)  
- **Displacement**: 202.5 cu in (3319 cm³)  
- **Cooling**: Liquid cooled  
- **Alternator**: 12 volt, 55 amp  
- **Safety shutdown**: Three-point automatic  
- **Air filter**: 2 element with pre-cleaner  
- **Oil filter**: Full-flow spin-on  

### DEBRIS HOPPER

- **Construction**: Stainless steel*  
  (A36 carbon optional)  
- **Dumping**: Hydraulic to the rear  
- **Dump door**: Twin cylinder hydraulic  
- **Inspection doors**: 1x per side (10in x 24in)  
- **Controls**: In cab  
- **Dumping height**: 77 in  
- **Dump angle**: 88 degrees  
- **Dust separator**: Centrifugal  
- **Intake tube**: Bolt-in AR steel  

### PAINT

- **Hopper**: DuPont Imron Elite  
- **Underbody**: Textured black urethane  

### SWEEPER WARRANTY

- 12 months / 1200 hours  
- 60 month limited on hydraulics  

### PICKUP HEAD

- **Type**: Blast to suction, lateral transfer  
- **Suction side**: Left (Driver side)  
- **Suspension**: 4 x adjustable springs  
- **Construction**: Single piece A36 steel formed channel  
- **Width**: 82 in (2083 mm)  
- **Suction diameter**: 10 in (254 mm)  
- **Blast diameter**: 10 in (254 mm)  
- **Skids**: Carbide on adjustable side plates  
- **Rubber flaps**: 2 x front; 1 x rear  

### SIDE BROOM

- **Type**: Vertical steel digger  
- **Diameter**: 39 in (991 mm)  
- **Drive**: Direct-drive hydraulic torque motor  
- **Speed**: Variable  
- **Segments**: 4 x bolt-on disposable  

### FAN SYSTEM

- **Design**: WhisperWheel™  
- **Diameter**: 30 in (762 mm)  
- **Type**: Radial pressure backward incline  
- **Drive**: Banded belt  
- **Construction**: Hardox AR steel  
- **Balance**: Less than 1.5 grams  
- **Housing liner**: Bolt-in corded rubber  

### DUST CONTROL SYSTEM

- **Pump**: Heavy duty  
- **Capacity**: 130 gal (Diesel chassis).  
  65 gal (Gas chassis)  
- **Tank construction**: Polyethylene  
- **Filtration**: Cleanable 50 mesh filter  
- **Nozzles**: Hopper, pickup head, side broom  
- **Optional tank**: 45 gal  

### TOOL STORAGE

- **Location**: Two at rear of sweeper  
- **Capacity**: 17.25 cu ft (0.489 m³)  
- **Drive**: Direct mount to engine  
- **Hoses**: Rough-service  
- **Suction diameter**: 10 in (254 mm)  
- **Blast diameter**: 10 in (254 mm)  

### HYDRAULIC SYSTEM

- **Type**: Fixed-displacement gear pump  
- **Capacity**: 15 gal (57 L)  
- **Drive**: Electric actuator with indicator  
- **Filtration**: 10 micron element  
- **Hoses**: Rough-service double wire  
- **Pump**: Heavy duty electric diaphragm  

### CONTROL SYSTEM

- **Location**: In cab  
- **Switches**: Heavy-duty rocker  
- **Labeling**: International symbol  
- **Throttle**: Electronic  
- **Vacuum enhancer**: Electric actuator  
- **Gauges**: Tachometer, hour-meter; oil pressure; water temperature  

### CHASSIS (PRIMARY)

- **Make**: Isuzu  
- **Model**: NPR HD  
- **Type**: Cab-over engine (COE)  
- **GVWR/GCWR**: 14,500 lb / 20,500 lb (5152 kg / 9298 kg)  
- **Engine**: Diesel 215 hp turbo charged 4HK1-TC  
- **Transmission**: 6 speed automatic with double override  
- **Frame**: 11.89 cu in section modulus  
- **Tires**: 215 / 85R-16E (10 ply)  
- **Wheels**: 6 hole steel disc  
- **Brakes**: Vacuum / hydraulic with 4 channel ABS  
- **Steering**: Integral hydraulic with tilt & telescopic  
- **Electrical**: 12 volt  
- **Alternator**: 140 amp  
- **Batteries**: Dual 750 cca  
- **Exhaust**: Vertical  

### SAFETY EQUIPMENT

- **Hopper safety props**  
- **4 way LED flashing lights**  
- **Dual rear facing strobes**  
- **Rear view camera system**  
- **Backup alarm**  
- **Optional**: strobes; beacons; arrow boards  

Note: design and specifications subject to change without notice.
CUSTOMER SUPPORT

WE’RE ON YOUR SIDE

We back the Schwarze brand with the best people. Schwarze is truly a global enterprise, one that is on standby to support customers quickly and efficiently when needed.

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.

PARTS

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.

Our attention to detail is what makes us stand out. This proven concept acts as a solid investment in your product’s future. Only by using genuine Schwarze OEM parts, can you be sure that your sweeper retains the renowned Schwarze quality.
UPTIME

In most sweeping operations uptime is crucial. For Schwarze, knowledge about end users’ operations and an on-going dialogue with our customers, allows us to make products that are adapted to the demands and challenges of its respective application. Our preventive maintenance programs help keep your sweeper running optimally, thereby maximizing its uptime.

DOWNTIME

Despite all precautions, downtime does sometimes occur. During these rare occurrences, operators can rely on rapid support from Schwarze dealers and equality rapid access to spare parts. Being proactive and responsive is important to us, because to our customers, time really is money.
• One-Man Comfortable In-Cab Operation
• Heated Emulsion Presets
• Mix on Demand
• Allows Immediate Traffic Flow
Roadpatcher
Road and Asphalt Repair Unit

Chassis
Mounts on various cabover chassis to meet requirements

Instrumentation
Patcher Tachometer, hourmeter, voltmeter, temperature gauge, oil pressure gauge

Standard Engine
Model/Type 4LE1 / 4CYL
Aspiration Turbo-charged diesel
Displacement 3.0L (275 cu. in.)
Torque 103 LB-FT @1800RPM
Air Cleaner Donaldson, Dry-Type with restriction indicator
Oil Filter Full-Flow, Spin-On
Compression Ratio 21.5 to 1
Alternator 35 Amp
Safety Shutdown Three-point automatic
Throttle Control Electronic

Blower System
Type Lobe-Type Air Blower
Drive Direct Drive
Output 425 CFM
Dimensions 4” x 6” (102mm x 152.4mm)

Aggregate Delivery Hose
Type Rubber lined, spiral reinforced, non-kinking hose
Inner Diameter 2 1/2” (63mm)

Aggregate Hopper Body
Capacity 6.5 cu yd.
(4.6 cubic meters)
Fill Opening Length 9’ 10”
Fill Opening Width 6”
Aggregate Conveyance Rubber Conveyor
Construction 10 Gauge Steel

Emulsion Storage & Delivery
Emulsion Capacity 300 gallons
Delivery System Pressure 70 PSI
Heating Element 110 volt, 2,000 watt
Flush Tank Capacity 30 gallon

Paint
One coat of sealer / primer and two coats of DuPont Imron Elite polyurethane in standard white color

Optional Equipment
400 Gallon Emulsion Tank
Boom, with nozzle tilt
Aggregate Heater
Emulsion Tank Volume Gauge
LED Strobe, Cab
LED Barlight, Cab
LED Floodlights

Warranty
The Roadpatcher™ road patching system is guaranteed to be free from defects due to faulty materials and / or workmanship for a period of 12 months, or 1200 hours. Liability is limited to replacement of defective parts at factory or authorized dealer. The standard warranties of the chassis and Auxiliary engine manufacturer shall apply.

NOTE: Specifications are subject to change without notice.

Made in the USA
Spray Patchers
Road and Asphalt Repair Units

• 100 or 300 Gallon Emulsions Tank
• Boom Covers 135+ Square Feet
• Tailgate Feeder or Self-Contained Unit
• Allows Immediate Traffic Flow
## Spray Patchers
### Road and Asphalt Repair Units

**Repairs:**
- Potholes
- Alligator Cracks
- Utility Cuts
- Shoulder Work
- Depressions
- Edge Raveling

**Spray Patchers Street Max**
Fed from a standard dump body with pintle hitch

**Spray Patchers Load King**
Self contained unit carries its own aggregate and emulsion, and can be towed with a one-ton pickup

### AUXILIARY ENGINE

<table>
<thead>
<tr>
<th>Specification</th>
<th>Street Max</th>
<th>Load King</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Manufacturer</strong></td>
<td>Isuzu</td>
<td>Isuzu</td>
</tr>
<tr>
<td><strong>Model</strong></td>
<td>4LE1</td>
<td>4LE1</td>
</tr>
<tr>
<td><strong>Number of cylinders</strong></td>
<td>4 (water cooled)</td>
<td>4 (water cooled)</td>
</tr>
<tr>
<td><strong>Horsepower</strong></td>
<td>49.6 @ 2600 rpm</td>
<td>49.6 @ 2600 rpm</td>
</tr>
<tr>
<td><strong>Battery</strong></td>
<td>12 volt; 35 amp</td>
<td>12 volt; 35 amp</td>
</tr>
<tr>
<td><strong>Fuel tank</strong></td>
<td>12 volt; 550 cca</td>
<td>12 volt; 550 cca</td>
</tr>
<tr>
<td><strong>Starting system</strong></td>
<td>Electric</td>
<td>Electric</td>
</tr>
<tr>
<td><strong>Charging system</strong></td>
<td>12 volt; 35 amp</td>
<td>12 volt; 550 cca</td>
</tr>
<tr>
<td><strong>Electric</strong></td>
<td>12 volt; 550 cca</td>
<td>40 gallon</td>
</tr>
</tbody>
</table>

### BLOWER SYSTEM

<table>
<thead>
<tr>
<th>Specification</th>
<th>Street Max</th>
<th>Load King</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Lobe-Type Air Blower</td>
<td>Lobe-Type Air Blower</td>
</tr>
<tr>
<td><strong>Drive</strong></td>
<td>Direct Drive</td>
<td>Direct Drive</td>
</tr>
<tr>
<td><strong>Output</strong></td>
<td>670 cfm</td>
<td>435 cfm</td>
</tr>
<tr>
<td><strong>Dimensions</strong></td>
<td>5 in x 5 in [127 mm x 127 mm]</td>
<td>4 in x 6 in [102 mm x 152 mm]</td>
</tr>
</tbody>
</table>

### AGGREGATE DELIVERY HOSE

<table>
<thead>
<tr>
<th>Specification</th>
<th>Street Max</th>
<th>Load King</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Rubber lined, abrasion resistant, spiral reinforced, non-kinking</td>
<td>Rubber lined, abrasion resistant, spiral reinforced, non-kinking</td>
</tr>
<tr>
<td><strong>Inner diameter</strong></td>
<td>3 1/2 in</td>
<td>3 1/2 in</td>
</tr>
<tr>
<td><strong>Hose length</strong></td>
<td>18 ft</td>
<td>18 ft</td>
</tr>
<tr>
<td><strong>Maximum flow</strong></td>
<td>125 lbs per minute</td>
<td>125 lbs per minute</td>
</tr>
</tbody>
</table>

### AGGREGATE HOPPER BODY

<table>
<thead>
<tr>
<th>Specification</th>
<th>Street Max</th>
<th>Load King</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capacity</strong></td>
<td>2 cu ft</td>
<td>2 cu yard</td>
</tr>
<tr>
<td><strong>Cover</strong></td>
<td>n/a</td>
<td>Nylon/Neoprene Tarp</td>
</tr>
<tr>
<td><strong>Conveyance</strong></td>
<td>Venture air flow system</td>
<td>Gravity fed with vibration assist</td>
</tr>
<tr>
<td><strong>Construction</strong></td>
<td>10 gauge Steel</td>
<td>10 gauge Steel</td>
</tr>
<tr>
<td><strong>Fill opening</strong></td>
<td>n/a</td>
<td>5'3&quot; x 5'3&quot;</td>
</tr>
</tbody>
</table>

### AGGREGATE DELIVERY HOSE

<table>
<thead>
<tr>
<th>Specification</th>
<th>Street Max</th>
<th>Load King</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Rubber lined, abrasion resistant, spiral reinforced, non-kinking</td>
<td>Rubber lined, abrasion resistant, spiral reinforced, non-kinking</td>
</tr>
<tr>
<td><strong>Inner diameter</strong></td>
<td>3 1/2 in</td>
<td>3 1/2 in</td>
</tr>
<tr>
<td><strong>Hose length</strong></td>
<td>18 ft</td>
<td>18 ft</td>
</tr>
<tr>
<td><strong>Maximum flow</strong></td>
<td>125 lbs per minute</td>
<td>125 lbs per minute</td>
</tr>
</tbody>
</table>

### EMULSION STORAGE & DELIVERY

<table>
<thead>
<tr>
<th>Specification</th>
<th>Street Max</th>
<th>Load King</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Emulsion capacity</strong></td>
<td>300 gallon</td>
<td>100 gallon</td>
</tr>
<tr>
<td><strong>Compressor</strong></td>
<td>12 cfm</td>
<td>n/a</td>
</tr>
<tr>
<td><strong>Delivery pressure</strong></td>
<td>70Psi</td>
<td>70psi</td>
</tr>
<tr>
<td><strong>Heating element</strong></td>
<td>110 volt, 2000 watt; thermostatically controlled</td>
<td>110 volt, 2000 watt; thermostatically controlled</td>
</tr>
<tr>
<td><strong>Nozzle temp</strong></td>
<td>160°F</td>
<td>180°F</td>
</tr>
<tr>
<td><strong>Flush Tank Capacity</strong></td>
<td>30 gallon</td>
<td>30 gallon</td>
</tr>
<tr>
<td><strong>Polyurethane Foam</strong></td>
<td>Polyurethane Foam</td>
<td>Polyurethane Foam</td>
</tr>
<tr>
<td><strong>Insulation R-Value</strong></td>
<td>20</td>
<td>20</td>
</tr>
</tbody>
</table>

### SAFETY EQUIPMENT

<table>
<thead>
<tr>
<th>Specification</th>
<th>Street Max</th>
<th>Load King</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lighting</strong></td>
<td>Amber beacon light</td>
<td>Amber beacon light</td>
</tr>
<tr>
<td><strong>Signage</strong></td>
<td>Slow moving vehicle emblem; warning triangle; optional directional arrow board</td>
<td>Slow moving vehicle emblem; warning triangle; optional directional arrow board</td>
</tr>
<tr>
<td><strong>Alarm</strong></td>
<td>Backup alarm</td>
<td>Backup alarm</td>
</tr>
<tr>
<td><strong>Fire</strong></td>
<td>5 lb fire extinguisher</td>
<td>5 lb fire extinguisher</td>
</tr>
</tbody>
</table>

### PAINT

<table>
<thead>
<tr>
<th>Specification</th>
<th>Street Max</th>
<th>Load King</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application</strong></td>
<td>One coat sealer/primer; two coats polyurethane</td>
<td>One coat sealer/primer; two coats polyurethane</td>
</tr>
<tr>
<td><strong>Brand</strong></td>
<td>DuPont Imron</td>
<td>DuPont Imron</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>Standard yellow</td>
<td>Standard yellow</td>
</tr>
</tbody>
</table>

Note: Design and specifications subject to change without notice.
Schwarze is different. Our machines are designed, built and supported in a different way. That difference comes from an engineering heritage. A heritage of thinking first about the people who actually use the machines. About how to help them be safer, more comfortable, more productive. About the environment we all share. The result of that thinking is a growing range of machines and a global support network dedicated to helping you do more. People around the world are proud to use Schwarze.

The People You Know. The Products You Trust.

Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.

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