A8 Twister

- 5.83 Cubic Yard Hopper
- Rule 1186 AQMD Certified
- Regenerative Air Sweeping
- Whisper Wheel™ Fan System
- Schwarze Sweeps-in-Reverse™
- DC Auxiliary Hydraulic Pump

QUALITY • PERFORMANCE • PUBLIC SAFETY
VALUE • CUSTOMER SUPPORT
The Schwarze A8 Twister is a chassis mounted, regenerative air street sweeper with a 5.83 cubic yard hopper. With over 20 years of successful operation throughout the world, the A8 Twister is a heavy duty workhorse that will provide a high quality option with a low cost of ownership. Come to the people you know for the products you trust.

**Warranty Support:** Schwarze people are on duty to support you and your equipment.

Schwarze regenerative air sweepers are 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 sweeper engine manufacturer shall apply.

**Parts Availability:** Schwarze original equipment parts are available when you need them.

**Trusted Dealers:** Trusted dealers will support your before and after-purchase needs.

**Empowered and Responsive:** Schwarze People are valued for their commitment to our future.

**Schwarze Products:** Engineered for enhanced sweeping performance and low ownership cost.

**Warranty Support:** Schwarze people are on duty to support you and your equipment.

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### Sweeping Path

- **Pickup Head Only**: 90” (2,286mm)
- **Pickup Head and one gutter broom**: 117” (2,972mm)
- **Pickup Head and two gutter brooms**: 144” (3,658mm)

### Chassis

Mounts on various chassis to meet requirements

### Sweeper Body

- **Construction**: Welded 10-gauge steel plate with 3/16 steel hopper floor
- **Safety Prop**: Dual steel bars located under body

### Standard Engine

<table>
<thead>
<tr>
<th>Model / Type</th>
<th>4045T In-line 4 cylinder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aspiration</td>
<td>Turbo-charged diesel</td>
</tr>
<tr>
<td>Manufacturer</td>
<td>John Deere</td>
</tr>
<tr>
<td>Displacement</td>
<td>275 cu. in. (4.5L)</td>
</tr>
<tr>
<td>Brake Horsepower</td>
<td>150HP (96kW) @ 2400 RPM</td>
</tr>
<tr>
<td>Torque</td>
<td>3171lbs (430Nm) @1500RPM</td>
</tr>
<tr>
<td>Air Cleaner</td>
<td>Centrifugal precleaner; dry type with safety element and restriction indicator</td>
</tr>
<tr>
<td>Oil Filter</td>
<td>Full-flow / Spin on</td>
</tr>
<tr>
<td>Stroke</td>
<td>5.00” (127mm)</td>
</tr>
<tr>
<td>Bore</td>
<td>4.20” (106mm)</td>
</tr>
<tr>
<td>Compression Ratio</td>
<td>19.0 to 1</td>
</tr>
<tr>
<td>Safety Shutdown</td>
<td>Three-point automatic</td>
</tr>
<tr>
<td>Throttle Control</td>
<td>Electronic</td>
</tr>
</tbody>
</table>

### Electrical System

<table>
<thead>
<tr>
<th>Voltage</th>
<th>12 Volt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sweeper Engine Alternator</td>
<td>65 Amperes</td>
</tr>
</tbody>
</table>

### Dust Control System

- **Type**: High Pressure / Low volume
- **Capacity**: 250 Gallon (946 L) (600 gallon on cab-over chassis)
- **Tank Construction**: Polyethylene
- **Filter**: 200 mesh, cleanable
- **Fill Diameter**: 2.5” (63.5mm)
- **Fill Hose**: 25 foot (7620mm)

### Dust Control System cont’d

- **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

### Blower 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” (823mm)
- **Housing Lining**: Bolt-in cored rubber
- **Mounting**: 2 regreasable sealed bearings
- **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**: 90” (2,286mm)
- **Pressure Hose Diameter**: 14” (355.6mm)
- **Suction Hose Diameter**: 14” (355.6mm)
- **Hose Construction**: 20” (9.5) wire-reinforced molded rubber
- **Head Area**: 3,240 sq. in. (20,903cm²)
- **Controls**: Hydraulic raise and lower
- **Skids**: Double wide tungsten carbide
- **Construction**: 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” (1,117mm)
- **Drive**: Hydraulic
- **Suspension**: Torque-sensing spring
- **Wear Adjustment**: Automatic
- **Pressure**: Manual
- **Speed**: Variable, non-reversing
- **Segments**: 5 each side, disposable
- **Tilt Angle Adjustment**: Manual with optional in-cab controls

### Debris Hopper

- **Volumetric Capacity**: 5.83 cubic yards (4.64 cu. meters)
- **Useable Capacity**: 4.25 cubic yards (3.25 cu. meters)
- **Dump Angle**: 45 degrees
- **Floor Angle**: 0 degrees
- **Lifting**: Twin hydraulic cylinders
- **Hopper Dump Door**: Full height, full width
- **Inspection Doors**: 1 on left side of hopper

### Hydraulic System

- **Type**: Dual output 2-section
- **Pump Capacity**: 6.5 gpm @ 1800RPM (24.6L / min.) per section
- **Drive**: for 13.0gpm total
- **Maximum Pressure**: 2500psi (173bar)
- **Reservoir**: 25 gallons (94 liters)
- **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

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*Model shown with optional equipment. Design and specifications subject to change without notice. Specifications may vary depending on chassis type.*

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**NOTE**: Specifications are subject to change without notice.