

# GS6 Tempest



\*TYPICAL MEASUREMENTS SHOWN. EXACT DIMENSIONS DEPENDING ON OPTIONS AND TRUCK MANUFACTURER



The People You Know. The Products You Trust.



## GS6 Tempest™

### 6 Cubic Metre Regenerative Air Sweeper

\*Sweeper shown with optional equipment

- Large Sweeping Width
- Choice of Cab Chassis
- Mirror Image Dual Steer & Dual Sweep
- 946 Liter Dust Suppression System



Quality Performance Public Safety Value Customer Support

07 3271 9777

www.schwarze.com.au

#### CHASSIS

Mounts on various chassis to meet requirements

#### 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/close/lock hydraulically
Inspection doors	1 on each side of hopper
Screens	Sawtooth drop down design
Safety Prop	Dual steel tubes

#### INSTRUMENTATION

Sweeper engine	Tachometer; hourmeter; voltmeter; temperature gauge; oil pressure gauge
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#### 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) @ 2400 rpm
Torque	430 nm (317 ft. lb.) @1500 rpm
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

#### ELECTRICAL SYSTEM

Voltage	12 v
Sweeper engine alternator	75 amp

#### 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	9.5 mm (3/8 in) wire-reinforced molded rubber
Head area	12903 cm <sup>2</sup> (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	5 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

#### 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.

Affiliates:



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## 6 Cubic Metre Regenerative Air Sweeper



**Whisper Wheel™ Fan System:**  
70% quieter, uses 20% less fuel and 7% more powerful than an open face fan design

**Internally balanced sweeping engine:**  
Reduces noise and vibration.

**Bolt in Pressure & Transition Tubes:**  
Ease of maintenance

**Drop Down Screens:** Increased screen surface area and easy cleaning.

**LED Lighting:**  
Increased visibility on the streets and reduced cost of ownership

**6 Cubic Metre Hopper Capacity:**  
Increased hopper capacity for increased production and less dumps

**Reduced Noise Levels:**  
Reduces operator stress & increases ability to operate in noise sensitive areas

**Abrasion Resistant Steel in Critical Wear Areas:** For longer life expectancy

**In-Cab Front Flap Lift.**  
Raises sweeping head front flap for improved sweeping of leaves and large litter.

**Optional Camera System:**  
Rear view camera with in-cab video monitor and sound suppression system

**Optional Equipment:**

- Magnet bar
- External tipping Controls
- 203 mm auxiliary over head wander hose
- Combined high pressure hand lance
- Hose reel
- Front Spray bar (includes detergent dispenser)

**Extra Large Side Brooms:**  
Cleans entire curb and gutter without the need to move broom or truck.

**Self-Cleaning, Self Dumping, Multi Pass Circular Dust Separator:**  
Eliminates the need for operator to enter the debris hopper to clean separator.

**Standard 12V DC Hydraulic Pump:**  
Able to raise and lower the sweeping head, brooms & hopper without the use of the auxiliary engine



Also Available from Schwarze Industries, Inc:



\*Optional Equipment Shown



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



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



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



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

Schwarze equipment 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.