



# SCHWARZE

*Sweeping Changes in Australia*



# A5500

*'Environmentally Friendly'*  
**REGENERATIVE AIR SWEEPER**

*Will sweep cities up to 50,000 people with one sweeper.*

# SCHWARZE A5500

## SPECIFICATIONS

### DIMENSIONS

|                             |        |
|-----------------------------|--------|
| Wheelbase.....              | 3630mm |
| Overall Sweeping Width..... | 2032mm |
| With One Broom.....         | 2540mm |
| With Dual Brooms.....       | 3050mm |
| Turning Circle Radius.....  | 6050mm |
| Overall Length.....         | 5746mm |
| Overall Height.....         | 2619mm |
| Overall Width.....          | 2200mm |

### AUXILIARY ENGINE

|                          |                         |
|--------------------------|-------------------------|
| Model.....               | 704 LTE                 |
| Induction system.....    | Turbo                   |
| Manufacturer.....        | VM                      |
| Combustion System.....   | Direct Injection Diesel |
| Number of cylinders..... | 4                       |
| Displacement.....        | 169 cu.in (2.8L)        |
| Bore.....                | 94mm                    |
| Stroke.....              | 100mm                   |
| Power Rating.....        | 65 kW @ 3000 RPM        |
| Cooling System.....      | Liquid Cooled           |
| Electrical.....          | 12 Volts                |
| Oil Filter.....          | Full Flow / Spin-on     |
| Air Cleaner.....         | Dry Type / HD           |
| Safety Shutdown.....     | Automatic               |

### ELECTRICAL SYSTEM

|                       |                            |
|-----------------------|----------------------------|
| Starter.....          | 12 Volts, 4.5 kW           |
| Alternator.....       | 12 Volt, 60 Amp            |
| Battery.....          | 2 @ 12 Volts, 520 CCA Each |
| Controls.....         | 12 Volts                   |
| Circuit Breakers..... | Resettable Type            |

### CAB CHASSIS

|                        |                 |
|------------------------|-----------------|
| Manufacturer.....      | Isuzu           |
| Model.....             | FRR 500         |
| GVM.....               | 11,000 kg       |
| Cab Type.....          | Cab Over Engine |
| Engine Access.....     | 45° Full Tilt   |
| Electrical System..... | 24 Volts        |

### BRAKES

|              |                    |
|--------------|--------------------|
| Service..... | Air Over Hydraulic |
| Parking..... | Air Operated       |

### PROPULSION ENGINE

|                          |                         |
|--------------------------|-------------------------|
| Manufacturer.....        | Isuzu                   |
| Model.....               | SITEC 190               |
| Number of cylinders..... | 6                       |
| Displacement.....        | 7,790 cc                |
| Bore x Stroke.....       | 115mm X 125mm           |
| Power.....               | 141kW @ 2400 RPM        |
| Torque.....              | 582Nm @ 1500 RPM        |
| Combustion System.....   | Direct Injection Diesel |
| Oil Filter.....          | Full Flow / Spin-on     |
| Air Cleaner.....         | Dry Type / HD           |

### TRANSMISSION

|           |                                |
|-----------|--------------------------------|
| Type..... | Allison 545, 4 Speed Automatic |
|-----------|--------------------------------|

### STEERING

|            |                |
|------------|----------------|
| Type.....  | Integral Power |
| Ratio..... | 17.4:1         |

### DEBRIS HOPPER

|                         |                             |
|-------------------------|-----------------------------|
| Capacity.....           | 4.1 Cubic Metres            |
| Construction.....       | Heavy Gauge Stainless Steel |
| Dumping.....            | Electro / Hydraulic         |
| Inspection Doors.....   | One Each Side of Hopper     |
| Dumping Controls.....   | In Cab                      |
| Dumping Height.....     | 1900mm                      |
| Dumping Tilt Angle..... | 88°                         |
| Interior Finish.....    | Natural Stainless Steel     |
| Exterior Finish.....    | Powder Coat Enamel          |

### SUCTION FAN

|                       |                               |
|-----------------------|-------------------------------|
| Type.....             | WhisperWheel™ Centrifugal Fan |
| Drive.....            | 4 SPA Section V Belts         |
| Nom. Speed.....       | 2600 RPM                      |
| Number of Blades..... | 12                            |
| Diameter.....         | 762mm                         |
| Mounting.....         | 2 Sealed Bearing Units        |
| Construction.....     | Welded Bialloy Steel Blades   |

### SUCTION FAN CASING

|                      |                            |
|----------------------|----------------------------|
| Construction.....    | Welded Mild Steel          |
| Liner.....           | Replaceable Rubber         |
| Vacuum Enhancer..... | for Light / Heavy Material |

### HYDRAULIC SYSTEM

|                     |                   |
|---------------------|-------------------|
| Type.....           | Vane Pump         |
| Fluid Capacity..... | 60 Litres         |
| Drive.....          | Direct Drive      |
| Filter.....         | 10 micron Spin-on |
| Strainer.....       | 80 Mesh           |

### SWEEPING HEAD

|                            |  |
|----------------------------|--|
| Type.....                  | Dual Chamber Full Width Blast Orifice    |
| Operating Direction.....   | Forward                                  |
| Suspension.....            | Adjustable Spring Balance                |
| Full Width.....            | 2032mm                                   |
| Suction Hose Diameter..... | 305mm                                    |
| Blast Hose Diameter.....   | 305mm                                    |
| Hose Construction.....     | Reinforced Moulded Rubber                |
| Skids.....                 | Mild Steel with Tungsten Carbide Inserts |
| Controls.....              | Hydraulic Raise & Lower                  |

### DUST CONTROL

|                        |                            |
|------------------------|----------------------------|
| Type.....              | High Pressure / Low Volume |
| Water.....             | 500 Litres                 |
| Tank Construction..... | Polyethylene               |
| Fill Diameter.....     | 64mm                       |
| Controls.....          | Electric In-Cab            |

### GUTTER BROOM

|                      |                        |
|----------------------|------------------------|
| Type.....            | 4 Segment Steel Tined  |
| Diameter.....        | 1000mm                 |
| Drive.....           | Hydraulic Motor        |
| Speed.....           | Variable Non-Reversing |
| Tilt Adjustment..... | Electric In-Cab        |

### TYRES & WHEELS

|                 |                                  |
|-----------------|----------------------------------|
| Type.....       | Tubeless Steel Belted Radials    |
| Size Front..... | 9.5R17.5 Single-2725 kg Max Load |
| Size Rear.....  | 9.5R17.5 Double-5150 kg Max Load |
| Wheels.....     | Split Ring Construction          |

### STANDARD EQUIPMENT

- ★ Integrated Air Conditioning
- ★ AM/FM Radio Cassette Player
- ★ Electrically Adjustable West Coast Mirrors
- ★ Fire Extinguisher in Cabin
- ★ Tinted Windows
- ★ Spare Wheel & Tyre Supplied
- ★ Hour Meters to Both Engines
- ★ Murphy Auxiliary Engine Safety Shutdown
- ★ Work Lights to each side, rear and Aux Engine Bay
- ★ Two Lockable Tool Boxes
- ★ Dual Control & Dual Sweep
- ★ Towing Eyes, Front & Rear
- ★ Seat Covers
- ★ Floor Mats
- ★ Hopper Screen Vibrator

### OPTIONAL EQUIPMENT

- ★ Herbicide Weed Control Spray
- ★ High Pressure Water Lance
- ★ CCTV with Additional Camera to Right Hand Gutter Broom
- ★ Directional Arrow Bar
- ★ GEO Brooms
- ★ Windshield Sun Visor
- ★ Drivers Window Weather Shield
- ★ Heated Side Mirrors
- ★ External Tipping Controls
- ★ Overhead Spring Assisted Pit Sucker
- ★ Overhead Hydraulic Assisted Pit Sucker
- ★ High Pressure Front Spray Bar

**Manufacturer reserves the right to change specifications without notification**



31 Antimony Street, Carole Park, Queensland 4300  
Telephone: (07) 3271 9777, Facsimile: (07) 3271 62 86  
Email: support@schwarze.com.au Web: www.schwarze.com.au