

SCHWARZE INDUSTRIES

S333-SE

SINGLE ENGINE SWEEPER

Powerful
Low Emissions
Cost Effective

Schwarze Industries is dedicated to using a Total Performance Teamwork concept to produce, maintain and market the finest power sweeping equipment in the world. All of our products are made with pride in the USA, and we offer a broad line, with more sweeper models to choose from than any other manufacturer in America.

As the newest parking lot sweeper, Schwarze Industries' S333-SE single engine sweeper is a major addition to the parking area sweeper line. The concept is to eliminate the need for an expensive, dedicated auxiliary engine to power the sweeper. This feature has made the S333-SE a top choice for fuel conscious sweeping contractors. Now the 333SE also meets low emissions standards as

well. Available options include a left side gutter broom, strobe lights, dust control and a hopper dump-assist shaker, and many more.

The Schwarze S333-SE raises the productivity bar – and lowers the operating cost – for how parking and other paved areas may now be swept.

WEIGHTS AND DIMENSIONS

Total Empty Weight	9,557 lbs. (4,335 kgs)
Wheelbase	109" (2,769 mm)
Overall Sweeping Width	82" (2,082 mm)
With One Broom Option	98" (2,489 mm)
Turning Circle (Curb-to-Curb)	33' 6" (10.21 m)
Overall Length	220" (5,588 mm)
Overall Height (without beacon)	92" (2,337 mm)
Overall Width	92" (2,337 mm)

PROPULSION ENGINE

Model/Type/Year	4HK1-TC / 4-cycle
Manufacturer	Isuzu
Number of Cylinders	4
Displacement	5.19 liter / 317 cid
Horsepower	205 hp @ 2,400 rpm
Fuel	Diesel
Oil Filter	Full-flow; spin-on
Air Filter	Dry type; heavy duty

SCHWARZE S333-SE

SPECIFICATIONS



All Schwarze S-series sweepers have Schwarze's unique Sweeps-in-ReverseSM capability, allowing for time-efficient sweeping and less overall wear and tear.

4.0 Cubic Yard – High Dump

Standard equipment on the Schwarze S333-SE includes a 28 inch Whisper WheelSM, 82-inch wide sweeping head,

easy access screen washdown, a power dump door, and a dumping height of 69". Sweeper is mounted on a commercially-built 14,500 GVWR chassis. For a powerful, single engine sweeper with exceptional durability and performance, choose SCHWARZE.

DEBRIS HOPPER

Capacity	4.0 cu. Yd. (3.06 m3)
Construction	Steel
Type of Dumping	Hydraulic
Power Dump Door	Electrical
Inspection Doors	1 on each side of hopper
Type & Location of Controls	Electric; in cab
Dumping Height	69" (1,753 mm) measured at hopper opening to ground
Dumping Tilt Angle	88 degrees
Separator Screen	Bolted; replaceable
Interior Coating	Epoxy
Exterior Coating	Zinc primer; Imron 5000®
Blast Deflector	Replaceable abrasion-resistant steel

BLOWER HOUSING

Construction	Steel with vacuum enhancer
Liner	Replaceable corded rubber

BLOWER

Drive	Hydraulic
Number of Blades	10
Diameter	28"
Construction	Welded; abrasion-resistant steel
Mounting	2 externally sealed bearings

PICKUP HEAD		CHASSIS		CAB	
Type	Debris-moving blast and suction	Make / Model	GMC / W4500	Type	Cab-over design
Suspension	2 trailing arms, spring-balanced	GVWR	14,500 lbs (6,577 kgs)	Engine Access	Full; manual tilt to 45 degrees
Construction	Steel with abrasion-resistant inlet and outlet tubes	Curb Weight	5,391 lbs (2,445 kgs)	Construction	Steel
Width	82" (2,082 mm)	FRAME:		Color	White
Flap Design	3 flaps: 2 front, 1 curved rear	Type	Ladder-channel section	TRANSMISSION	
Skids	Tungsten Carbide	Yield Strength	44,000 psi	Type	4-speed automatic
Suction Hose Diameter	10" (254 mm)	RBM	316,800 in/lb per rail	OPTIONAL EQUIPMENT	
Blast Hose Diameter	10" (254 mm)	TIRES AND WHEELS		Curb Broom (left side)	
HYDRAULIC SYSTEM (dump only)		Type	(6) Tubeless steel-belted radials	Choice of beacons (barlight, rotary or strobe)	
Number and Size of Cylinders	2 @ 4'x16' (101.6 mm x 406.4 mm)	Tire Size	215/85R 16E (10-ply)	Pressurized dust and abrasion suppression system	
DUST CONTROL (optional)		Wheels	One piece steel	Special paint for sweeper and chassis	
Type	Gravity Pressure	ELECTRICAL		4 Point Protection SM (stainless steel hopper package)	
Location	Sweeping head	Starter	12 volt	5" auxiliary hand hose	
Controls	In cab	Alternator	12 volt; 100 amp	Screen chain kit	
Water Capacity	93 gallons (352 L)	Battery	2 @ 12 volt; 750 CCA each	Backup alarm	
Tank Construction	Polyethylene	Controls	Back lit	Bar Magnet	
Fill Diameter	3" (76.2 mm)	Circuit Breakers on Sweeper	Resettable type	Hushkit SM shroud	
GUTTER BROOM (optional)		BRAKES		Spray Bar	
Type	Vertical steel digger	Service	Vacuum-assisted hydraulic	Spare tire and wheel	
Diameter	26" (660 mm)	Exhaust	Vacuum-operated	Hopper dump-assist shaker	
Drive	Hydraulic torque motor	Parking	Mechanical internal expanding drum	Spare parts package	
Speed	Variable	STEERING		Double Draggin Skids SM	
Tilt Angle Adjustment	Manual; at broom	Type	Integral Power	Oil reservoir heater	
HYDRAULIC SYSTEM:		Ratio	18.9 - 20.9:1 variable ratio pump	Heavy duty front bumper	
Type	Piston Pump				
Fluid Capacity	23 gallons (87.06 L)				
Drive	Belt-driven				
Filter	10 micron in tank				
Strainer	80 mesh				

INFINITE POSSIBILITIES

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