

A4 STORM Tier IVF SWEEPER FEATURES AND OPTION LISTING	
SWEEPER ENGINE	PICKUP HEAD
Yanmar 4TNV98C-NYEM 68 hp @ 2500rpm	80" x 36" Sweeping Head with Rubber Blast Orifice
Fuel water seperator	3/8" thick, 12" dia Pressure hose, 12" Suction Hose
3-point safety engine shutdown device	Sweeps-in-Reverse
Battery and 50 gallon fuel tank shared with chassis	Doublewide full length carbide drag shoes Warranted against wear-out, two years/2000 hours, prorated.
Centrifugal pre-cleaner, safety element, restriction indicator	
55 amp alternator	DUST CONTROL SYSTEM
2 year warranty on Aux Engine	Electric diaphragm water pumps with inlet restriction indicator
HYDRAULIC SYSTEM	60 PSI, 5.88 gpm
16 gallon vented hydraulic reservoir, w/shut-off valves	Water tank capacity 130 gallons, polyethylene
Tank mounted level and temperature indicator	25-foot long fire hydrant fill hose
Hydraulic pressure, 2500 psi	50 mesh cleanable filter, with shut off valve
Spin-on 10 micron return filter	Water spray nozzles shall be provided as follows:
Oil to air radiator type oil cooler	Four around suction head, two nozzles inside hopper
	Two at gutter broom, per option selected
DUST SEPERATOR	Two nozzles in suction tube, two at front axle
Centrifugal dust separator 13, 500 cu in. with 1224 sq in. area	An air purge system for flushing water lines
HOPPER	OPERATING CONTROLS AND INSTRUMENTS
Mild Steel, 4.5 CuYd, 3.4 CuYd usable Capacity	Aux engine control with display on console:
Screens - square inches, saw tooth design	Keyed ignition, electronic throttle,
Twin dumping cylinders, 53 degrees	Oil pressure gauge, water temperature gauge
Rear door hydraulically opened, closed and locked	Voltmeter, tachometer, and hour meter
Dual 15" X 32" watertight inspection doors, 1 left, 1 right	Diagnostic display gauge for Aux Engine
External weatherproof dump switches	
BLOWER	
Closed face turbine 10 curved blades, 30.0" dia. By 3" dia.	
500 brinell hardness abrasion resistant steel	SAFETY EQUIPMENT
Fully balanced within 1.5 grams on both sides	Two body props to lock hopper in raised position
Vacuum enhancer	2 rear yellow alternating LED flashing lights
SWEEPER WARRANTY	5-lb fire extinguisher
12 Months 1200 Hours	
DESCRIPTION	PRICE
Gutter Broom, Dual	\$ 6,940.00
Gutter Broom, Tilt Power Dual	\$ 1,445.00
Gutter Broom, GEO Dual	\$ 2,475.00
Gutter Broom, RH	\$ 4,180.00
Gutter Broom, Tilt Power RH	\$ 765.00
Gutter Broom, GEO RH	\$ 1,180.00
Gutter Broom, LH	\$ 4,180.00
Gutter Broom, Tilt Power LH	\$ 765.00
Gutter Broom, GEO LH	\$ 1,180.00
Gutter Broom, Poly Segments, each	\$ 240.00
DC Backup, Hydraulic	\$ 1,215.00
Air Filter Restriction In-Cab Auxiliary Eng.	\$ 300.00
Bar Magnet, 72" Actuator Lift	\$ 1,695.00
Manual Sweeper, Additional Copy	\$ 115.00
Low Hydraulic Level Alarm & Ind.	\$ 300.00
Mirror 12" Parabolic, Set	\$ 365.00
Shipping Pallet	\$ 2,260.00
Camera System, Dual	\$ 295.00

Camera System, Three	\$	590.00
Water Tank Low Level Alarm & Ind.	\$	275.00
Spray Bar, Front	\$	730.00
Spray Bar, Hopper	\$	565.00
High Pressure Wash System RH	\$	5,135.00
Hopper, Shroud & Suppression	\$	1,805.00
Hand Hose 6"	\$	1,000.00
6"x4' Hand Hose Extension	\$	340.00
Hopper, Dump Assist Shaker	\$	1,310.00
Hopper Drain 4"	\$	855.00
Hopper Deluge	\$	595.00
Sweeper Head Deluge	\$	375.00
Hopper, Stainless Steel ~LIFETIME WARRANTY~	\$	6,990.00
Hopper Drain 4", Stainless Steel	\$	880.00
Hopper, Shroud & Suppression (SS)	\$	2,900.00
Hand Hose, 6" Stainless Steel	\$	1,055.00
Strobe, Cab Mounted LED	\$	465.00
Strobe, Cab Mounted W/Guard LED	\$	630.00
Barlight, Cab Mounted LED 24"	\$	865.00
Barlight, Cab W/Guard LED 24"	\$	900.00
Flood Light LED (each) *	\$	300.00
Traffic Guide Arrowboard	\$	880.00
Paint, Special: Sweeper Unit Only *	\$	990.00
Paint, Special: Chassis Only *	\$	2,525.00
Isuzu NR254 17,950 '16 DS(65946)	\$	60,160.00
Isuzu NR254 17,950 '16. S. Steer	\$	52,255.00
Customer Chassis Mounting Fee	\$	2,500
Air Filter Restriction Ind. In-Cab Chassis	\$	300.00
Hour Meter, Chassis	\$	340.00
Load Weight Alarm & Indicator	\$	375.00
Seat, Adjustable, Rightside Only	\$	4,960.00
Tire & Rim, Spare 17,950 GVW	\$	955.00
Wheel Cover GMC 17,950 GVW	\$	825.00
STANDARD- 1 Year or 1200 hours	\$	-
SILVER- 2 Years or 2400 Hours	\$	1,025.00
GOLD- 3 Years or 3600 Hours	\$	2,655.00
PLATINUM- 4 Years or 4800 Hours	\$	3,705.00
DIAMOND- 5 Years or 6000 Hours	\$	4,795.00



The People You Know. The Products You Trust.



A4 Storm™

4.8 Cubic Yard Regenerative Air Street Sweeper

*Sweeper shown with optional equipment



- Recessed Gutter Broom Discs
- WhisperWheel Fan Technology
- Schwarze Sweeps-in-Reverse
- No CDL Required



Quality



Performance



Public Safety



Value



Customer Support

800.879.7933

www.schwarze.com

A4 StormTM

4.8 Cubic Yard Regenerative Air Street Sweeper

Computer Controlled Cutting & Forming Process: Guarantees a consistent cut part every time

No butt connectors, all soldered connections: Severe duty wiring eliminates shorts caused from poor connections, which reduces downtime

Custom Made-to-order Hydraulic Hoses: Reduces contamination in hydraulic system & reduces downtime

Optional Equipment:
Gutter Broom Extension
OverrideSM: Increased usability of gutter brooms; expands the versatility in various applications while eliminating the need for a center broom

Sweeps-in-ReverseSM:
Eliminates the need for the operator to raise the sweeping head to reverse

Optional Equipment:
Spray bar for front bumper, hopper; in-cab tilt controls for gutter brooms



Backup Alarm:

Variable output backup alarm adjusts automatically above the surrounding noise levels

Reduced Noise Levels:

Reduces operator stress & increases ability to operate in noise sensitive areas

PM 10 Certified: Meets AQMD 1186 requirements to pick up and contain harmful particulates



**AMERICAN BUILT -
AMERICAN MADE**

LED

Lighting: Better visibility on the streets



Camera System: Remote cameras with in-cab video monitor and sound suppression system

Optional: Up to 3 cameras

Whisper WheelSM Fan System:

70% quieter, uses 20% less fuel and 7% more powerful than an open face fan design

Optional Equipment:

6" auxiliary hand hose; DC backup hydraulic pump

Hydraulic Test Ports: Reduces troubleshooting time

Modular Componentry: Reduced repair time and cost of ownership

Financing Available

Recessed Gutter Broom Discs with Shielded Broom Motor:

Reducing the chance of string and twine wrapping around gutter broom motor shaft



Also Available from Schwarze Industries, Inc:



*Optional Equipment Shown



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



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

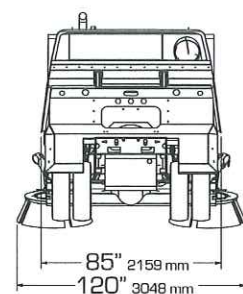
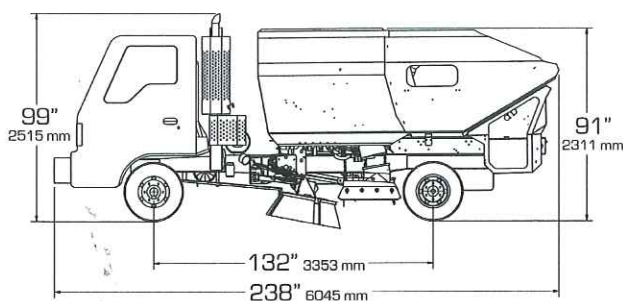


Empowered and Responsive: Schwarze People are valued for their commitment to our future.



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

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.



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

SWEEPING PATH

Pickup head only	80" (2032 mm)
Pickup head and one gutter broom	100" (2540 mm)
Pickup head and two gutter brooms	120" (3048 mm)

CHASSIS

Model / type	4HK1-TC / 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
Oil filter	Full flow; spin-on
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 radials 225/70 R 19.5
Wheels	Steel construction
Steering	Integral power; 20.9-to-1 ratio
Brakes	Vacuum/hydraulics with 4 channel ABS

STANDARD ENGINE

Aspiration	Turbo-charged diesel
Manufacturer	Perkins
Displacement	207.5 cu. in. (3.4 l)
Brake horsepower	74 @ 2600 RPM
Cooling system	Liquid-cooled
Air cleaner	Dual element, dry-type with restriction indicator and Sy-Clone centrifugal pre-cleaner
Oil filter	Full-flow / spin on
Safety shutdown	Three-point automatic
Throttle control	Manual
Instrumentation	Tachometer; hourmeter; voltmeter; temperature gauge; oil pressure gauge

ELECTRICAL SYSTEM

Voltage	12 volt
Battery	2 @ 750 cca each
Alternator	80 Amp
Circuit breakers	Resettable type

DUST CONTROL SYSTEM

Type	High pressure; Low volume
Capacity	130 gal (492.1 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
Nozzles	2 on each broom; 4 around suction head; 4 inside hopper

BLOWER 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

PICKUP HEAD

Type	Dual chambered full-width blast orifice
Operating direction	Forward and reverse
Suspension	Adjustable spring balanced
Length	80 in (2,032 mm)
Hoses Diameter	
Hose Construction	3/8 in (9.5 mm) wire-reinforced molded rubber
Head Area	2080 sq. in. (13.42 mm)
Controls	Hydraulic raise and lower
Skids	Double wide tungsten carbide
Construction	Steel

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	39 in (991 mm)
Drive	Hydraulic torque motor
Wear adjustment	Automatic
Pressure	Manual
Speed	Variable, non-reversing
Segments	4 each side, disposable; tempered steel wire filled
Tilt adjustment	Manual with optional in-cab controls

DEBRIS HOPPER

Volumetric Capacity	4.5 cubic yards (3.4 cu. meters)
Construction	10 gauge
Type of Dumping	Hydraulic
Inspection Doors	1 on each side of hopper
Controls	Electric; in cab
Dumping Height	67 in (1701 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
Strainer	80 mesh

Note: Design and specifications subject to change without notice.

Affiliates:



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