

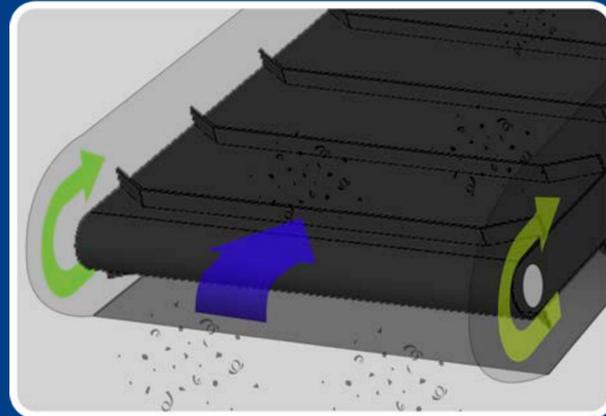
CORDED RUBBER BELT CONVEYER WITH 13 FULL WIDTH CLEATS  
Carries larger debris without stalling the conveyer

## 2 VERSATILE OPTIONS

### EASY CHANGE CONVEYER SYSTEM

Remove conveyer in just minutes. Change from belt to squeegee conveyer or for easy repairs to conveyer or housing

# Belt Conveyer



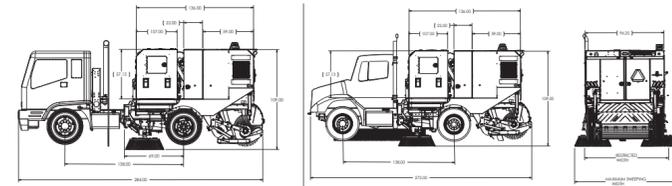
TWO-PIECE HARDENED STEEL CONVEYER FLOOR  
Longer life expectancy equates to reduced cost of ownership

**Change Conveyers In  
Approx. 2 Hours!**



# HAVE A CHOICE

**M6  
Avalanche**



CONVEYER		SWEEPER ENGINE (TWIN ENGINE ONLY)	
Bearings	Self-aligning, triple-sealed and shielded	Auxiliary for twin engine	Yanmar Tier 4 Final
Conveyer floor	Bolt-on; replaceable	Displacement	202 cu in (3.3 L)
Speed	Forward and reverse, in-cab variable speed standard, independent from engine rpm	Horsepower	68 hp @ 2500 rpm
Adjustment	Threaded rack	Torque	184 ft lb (250 Nm) @ 1600 rpm
Drive	Direct drive hydraulic; forward and reverse	<b>GUTTER BROOMS</b>	
Hopper connection	Positive seal to eliminate debris spillage	Location	Behind cab
Suspension	Air cylinders with in-cab adjustment for lower conveyer lift	Diameter	49 in (1245 mm)
Conveyer jam warning	Console-mounted, light and alarm	Type	5 segment wire filled plastic recyclable head
<b>CONVEYER / SQUEEGEE</b>		Speed	in-cab variable speed standard, independent from engine rpm
Conveyer	Squeegee with replaceable flights	Suspension	Free-floating with air suspension and air extension
Conveyer chain	Precision, heavy duty, constant-radius roller chain	Drive	Full hydraulic
Flexibility	Flexes for large object passage	Adjustments	Manual tilt; in-cab remote hydraulic tilt (optional)
Cleaning	Built-in flushing system with high volume fan jet nozzles	Bristles	26 in (660 mm) wire
<b>CONVEYER / BELT</b>		Center deflector	Raises and lowers automatically with main broom
Conveyer	Heavy duty multi-ply belt with full width cleats	<b>MAIN BROOM</b>	
Cleaning	Built-in flushing system with high volume fan jet nozzles and lower roller flush	Diameter	36 in (914 mm)
<b>WATER SYSTEM</b>		Length	58 in (1473 mm)
Capacity of tank	SE conventional: 350 gal (1325 L) SE cabover: 350 gal to 700 gal (1325 L to 2650 L) TE conventional: 200 gal (1230 L) TE cabover: 350 gal to 500 gal (1325 L to 2555 L)	Bristles	Replaceable solid core, poly wafer, poly wafer/ steel combo or strip broom
Construction	Polyethylene	Lift control	In-cab pneumatic lift with positive lock
Filler	4 in (102 mm) air gap fill; tubular protected fill receptacle	Drive	Direct drive hydraulic motor
Fill	Hose 25 ft with 2.5 in nst hydrant coupling (7620 mm x 63.5 mm)	Mounting	Full floating
Mounting	Bolt-on, removable	Speed	Forward and reverse, in-cab variable speed standard, independent from engine rpm
Pump	Electric diaphragm pump, 5.88 gpm (22.3 Lpm) at 50 psi (3.5 bar)	Bearings	Self-aligning
Spray bars	In-cab, independent control; 7 nozzles located across front bumper, 4 nozzles at each gutter broom and 5 nozzles across the main broom	Dirt shoes	Trailing arm design with 2 in (51 mm) wide tungsten carbide shoe with elastomeric flex link
Spray nozzles	All brass 80 degree fan pattern with 100 mesh tip strainer	Suspension	Air suspension with in-cab adjustment and display
Filter	200 mesh screen primary with 5 micron high capacity secondary filter	<b>DEBRIS HOPPER</b>	
<b>FUEL SYSTEM</b>		Volumetric capacity	5.0 cu yds (3.82 cu m)
Fuel tank	Diesel, 50 gallons (189.25 L) CNG, 50 DGE (Diesel Gal. Equivalent) at 3600 psi	Construction	3/16 in floor, 10 gauge sides/roof, temper pass/pickled in oil carbon steel optional stainless steel
<b>HYDRAULIC SYSTEM</b>		Lift capacity	14 000 lbs (6350 kg)
Pump	Variable displacement load sense piston pump	Dumping	Scissor-lift with hopper tilt
Reservoir	35 gal (133 L) mounted above pump	Dump height	(Variable) 16 in (406 mm) to 138 in (3505 mm)
Oil cooler	120 000 btu twin electric fans	Inspection	Side door with ladder access, front view window with double skylight and led illumination
Valves	Electro-mechanical; 12 V dc with lighted din connectors	<b>GENERAL</b>	
Protection	Pressure relief	Wheelbase	SE and TE - 139 in (3532 mm) Cabover - 132 in (3353 mm)
Controls	In-cab; all electric	Length	SE and TE - 273 in (6934 mm) Cabover - 269 in (6833 mm)
Filtration	100-mesh suction, 10-micron return, 5-micron breather	Travel width	96 in (2438 mm)
<b>ELECTRICAL SYSTEM</b>		Sweeping width	134 in (3404 mm) (brooms extended)
Voltage	12 V	Overall height	113 in (2870 mm)
Alternator	160 amp	GWWR	33 000 lbs (14 969 kgs)
Affiliates:	GSA, NJPA, APWA, SNAPSA, HGACBuy	<b>PAINT</b>	
		One coat of sealer/primer and two coats of DuPont Imron Elite polyurethane white color	



Schwarze Industries, Inc.  
1055 Jordan Road  
Huntsville, AL 35811  
800.879.7933  
An Alamo-Group Company



The People You Know. The Products You Trust.

## M6 Avalanche™



Model shown with optional equipment



Quality Performance Public Safety Value Customer Support

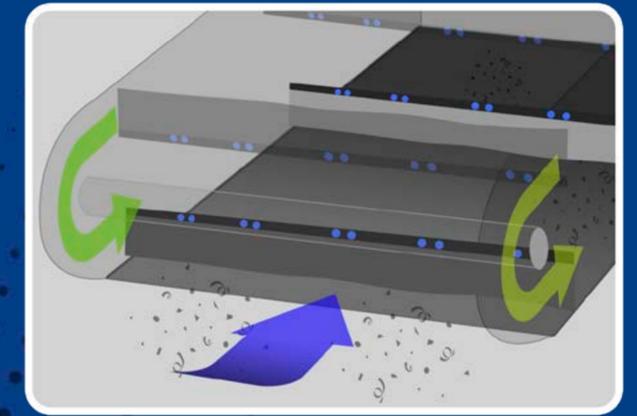
## 1 TOUGH SWEEPER

### REVERSIBLE CONVEYER

During cleaning, a reversible conveyer provides a more efficient way to thoroughly clean the conveyer

13 RUBBER FLIGHTS ON SQUEEGEE TYPE CONVEYER

Removes debris from main broom quicker than competitive designs resulting in less trailing and increased heavy debris sweeping



FAN JET NOZZLE CONVEYER WASHOUT  
Allows for thorough end of day washout of the conveyer system extending the life expectancy of all conveyer components

# NOW YOU BETTER

800.879.7933

www.schwarze.com

# M6 Avalanche™



# M6 Avalanche™

The M6 Avalanche™ may be mounted onto either of two standard production conventional chassis. These are the Freightliner M2 or International 4300. The M6 Avalanche™ Twin Engine is also available in a cab-over version mounted on an Autocar Xpert cab-over chassis.

All available chassis models have a well-deserved reputation as being durable, comfortable machines to own and operate.

## COMPUTER CONTROLLED CUTTING & FORMING PROCESS



Guarantees a consistent cut part every time

**MODULAR COMPONENTRY**  
Reduced repair time and cost of ownership

**HYDRAULIC TEST PORTS**  
Reduces troubleshooting time with use of quick-disconnect gauge ports



## SIX SENSE CONTROLS

Six programmable configuration selections  
Gives the operator the ability to press one button and sweep  
Can be programmed for various sweeping conditions  
Programed functions are previewed prior to activation via display

## WIRING HARNESS COLOR CODED AND FUNCTION IMPRINTED EVERY 6"

Provides easily identifiable wires and reduces maintenance downtime



## BACKLIT SWITCHES WITH TEXT AND ICON LABELS

Rocker switch for each function that changes color when activated

## CENTRALLY LOCATED CONTROL COMPONENTS

Electrical controller, Hydraulic Directional Valves, Pneumatic Valves & Regulators, Water Pump, Valves & Filter, Auxiliary Engine (TE Models), Hydraulic Reservoir (TE Models)



## TFT LCD COLOR DISPLAY

Hourmeters for Engine & Brooms, Hydraulic Oil Temperature, Engine Temperature, Oil Pressure, Water Level, Tachometer, Voltage, and on-screen indicators for each function

## PM 10 CERTIFIED

Meets AQMD 1186 requirements to pick up and contain harmful particulates



## GLOBAL SUPPORT

Schwarze staff will set-up and train on location world-wide

## WARRANTY SUPPORT

Schwarze people are on duty to support you and your equipment

## TRUSTED DEALERS

Trusted dealers will support your before and after-purchase needs

## 52 DEGREE DUMP HOPPER DUMP ANGLE

Equates to a better dump action of the hopper allowing for a cleaner dump



## 10 GAUGE STEEL HOPPER WITH 3/16" HOPPER FLOOR

Longer life expectancy equates to reduced cost of ownership



## 5.0 CUBIC YARD HOPPER CAPACITY

Increased hopper capacity equates to increased production and less dumps

## 45 SECOND DUMP CYCLE

Faster dumping equates to increased production and efficiency.

## 35 GALLON HYDRAULIC TANK CAPACITY

Reduces the heat buildup which creates a longer life expectancy for key hydraulic components

## HOT SHIFT PTO

Provides unequalled power to the sweeper while eliminating the need to feather the chassis throttle for needed power in the most stringent of applications (Single Engine Only)

## ENGINE SHUTDOWN SYSTEM

Reduces the risk of an engine failure due to high engine temperature or low oil pressure. Also monitors hydraulic oil level and temperature for shutdown

## PARKING BRAKE INTERLOCK MAXIMUM SAFETY

Does NOT allow hopper to be raised or tilted unless brake is set and chassis shifts to neutral automatically when brake is set

## SEPARATE SWEEPER AIR TANK

Adds to air reserve, protected by priority safety valve



## OIL COOLED DEUTZ ENGINE

Heavy duty Tier 4i industrial engine with 75 HP that does not require a radiator equating to less maintenance and less overall cost of operation

## AMERICAN BUILT AMERICAN MADE



**PARTS AVAILABILITY**  
Schwarze original equipment parts are available when you need them

## INDUSTRY INVOLVEMENT

Schwarze supports the industry trade shows and industry associations

## LOAD LEVELER

Allows for an increase in usable capacity, less dumps during a shift and increased production



## 48" DUMP DOOR

Eliminates the need for a hopper side shift and another moving part. Less maintenance while still giving operator ability to dump into center of dump bed or container



## SLIDE BLOCKS ON SCISSOR LIFT

Provides more surface contact and better lift stability. Self-lubricating reducing overall maintenance

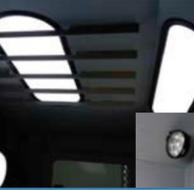


## 3:1 DESIGN FACTOR IN THE DESIGN OF THE HOPPER LIFT SYSTEM

Longer life expectancy equates to reduced cost of ownership

## HOPPER INTERIOR ILLUMINATION

Front viewing window with two skylights for daytime and sealed LED flood light for nighttime viewing of hopper & conveyer



## HIGH CAPACITY 5 MICRON WATER FILTER

Extends life and service intervals of water valves and nozzles



## BRASS & GALVANIZED STEEL SPRAY BARS

7 Brass nozzle, front spray bar  
4 Dual nozzle, gutter broom spray bars  
5 Nozzle, main broom spray bar

Each nozzle has separate tip filter and main broom spray bar has quick release for easy access



## HOPPER HINGE POINTS DO NOT COLLECT DEBRIS

Clean design prevents material buildup

## SINGLE ELECTRIC DIAPHRAGM WATER PUMP WITH 50 PSI AND 5.88 GPM CAPABILITY

Extra powerful pump eliminates need for multiple pumps while providing excellent atomization of the water for excellent fugitive dust control

## MAIN BROOM CURTAIN

Returns any debris that may have been carried over the broom, back into the sweep path



## ALL HYDRAULIC MOTORS ARE DIRECT DRIVE

Gutter Brooms, Main Broom and Conveyer direct coupled to high-torque hydraulic motors

## INNOVATIVE DESIGN

Several Patents Pending

## POLYETHYLENE MAIN BROOM COVER

Flexible cover that does not dent when an immovable object is encountered and eliminates rust and corrosion



## 3" AIR CYLINDERS ON MAIN BROOM

Allows for better main broom adaptation to the road surface and reduces leaving material in street pans equating to a cleaner sweep



## MAIN BROOM LIFT

Uses same pneumatic cylinders, used for suspension, to lower, lift and lock broom in place for travel. Cylinders mechanically lock the broom in the up position

## LED LIGHTING

Increased visibility on the streets

## PNEUMATIC TRAILING ARM GUTTER BROOMS

Greater flexibility and give around obstacles. Full in-cab control of broom down pressure



## FREE FLOATING TRAILING ARM DRAG SHOE

Allows positive contact with the ground and broom to minimize debris trailing. Flex member prevents damage during lateral movements. 2 year warranty on carbide shoe



## PNEUMATIC (GEO) GUTTER BROOM EXTENSION OVERRIDE

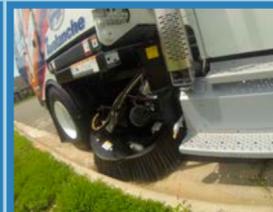
Infinite lateral in-cab adjustment from fully retracted to fully extended

## IN CAB 27 DEGREE HYDRAULIC TILT

Allows on the fly gutter broom adjustments without the operator leaving the cab

## 49" DIAMETER GUTTER BROOMS

Better debris transfer towards main broom equating to less trailing and overall better sweeping ability



Also available from Schwarze Industries, Inc.