

A4 Storm



ELECTRONIC BUILD SHEET AND PURCHASE ORDER

Purchase Order Number	Special Option Request

SOLD TO: Dealership Name "Buyer"		CUSTOMER NAME "Buyer"	
Address:		Address:	
Contact Name:		Contact Name:	
Contact Phone:		Contact Phone:	

A4 STORM STANDARD EQUIPMENT

SWEeper ENGINE	PICKUP HEAD
Cummins 74 hp Tier IVF	80" x 36" Sweeping Head with Rubber Blast Orifice
Fuel water separator	3/8" thick, 12" dia Pressure hose, 12" Suction Hose
3-point safety engine shutdown	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 pump 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
DUST SEPERATOR	Two at gutter broom, per option selected
Centrifugal dust separator 13, 500 cu in. with 1224 sq in door	Two nozzles in suction tube, two at front axle
	An air purge system for flushing water lines
HOPPER	OPERATING CONTROLS AND INSTRUMENTS
Mild Steel, 4.5 CuYd, 3.6 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" inspection doors, 1 left, 1 right	Diagnostic display gauge for Aux Engine
Dump Height 78"	Leaf bleeder indicator
	Dust control water level and alarm
BLOWER	Maintenance interval display for aux engine
Closed face turbine 10 curved blades, 30.0" dia. By 3" wide	Lighted, tactile rocker control switches
500 Brinell hardness abrasion resistant steel	Hydraulic low level and high temp shutdown
Fully balanced within 1.5 grams on both sides	SAFETY EQUIPMENT
Leaf bleeder	Two body props to lock hopper in raised position
SWEeper WARRANTY	2 rear yellow alternating LED flashing lights
12 Months 1200 Hours	5-lb fire extinguisher

QTY	DESCRIPTION	PRICE
POWER MODULE OPTIONS		
1	Cummins QSF 2.8 74 HP Tier IVF Diesel	204T09 \$ 104,635.00
Subtotal Auxiliary Engine Options		\$ 104,635.00
SWEEPING HEAD OPTIONS		
1	Standard Sweeping Head	204P62 \$ -
	Sweeping Head Deluge	204Q11 \$ 325.00
Subtotal Sweeping Head Options		\$ -

GUTTER BROOM OPTIONS			
	Gutter Broom, Dual	204M59	\$ 9,970.00
1	Gutter Broom, Tilt Standard Dual or		\$ -
	Gutter Broom, Tilt Power Dual	204M49	\$ 2,075.00
	Gutter Broom, GEO Dual	203404	\$ 3,560.00
	Gutter Broom, RH	203M50	\$ 6,010.00
	Gutter Broom, Tilt Power RH	204M48	\$ 1,105.00
	Gutter Broom, GEO RH	203410	\$ 1,700.00
	Gutter Broom, LH	204M51	\$ 6,010.00
	Gutter Broom, GEO LH	203414	\$ 1,700.00
	Gutter Broom, Poly Segments, each	203B67	\$ 350.00
Subtotal Gutter Broom Options			\$ -
MISCELLANEOUS OPTIONS			
	DC Backup, Hydraulic	204M58	\$ 1,745.00
	Air Filter Restriction In-Cab Auxiliary Eng.	203448	\$ 430.00
	Bar Magnet, 84" Actuator Lift	204R10	\$ 2,440.00
	Manual Sweeper, Additional Copy	203451	\$ 165.00
1	Low Hydraulic Level Alarm & Ind.		\$ -
	Mirror 12" Parabolic, Set	204R70	\$ 520.00
	Shipping Pallet	203B33	\$ 3,260.00
1	Camera System, Single	203X81	\$ -
	Camera System, Dual <i>(Must list location of 2nd camera in Special Options)</i>	203X82	\$ 420.00
	Camera System, Three <i>(Must list location of 2nd & 3rd camera in Special Options)</i>	203Z99	\$ 845.00
	Leak Detection Kit	204R11	\$ 565.00
	Basic Sweeper Only Wrap	SOR	\$ -
Subtotal Miscellaneous Options			\$ -
WATER SYSTEM OPTIONS			
1	Water Tank Low Level Alarm & Ind.		\$ -
	Spray Bar, Front		\$ 1,050.00
	Spray Bar, Hopper	204C01	\$ 820.00
	High Pressure Wash System, with hose reel, RH	204R66	\$ 7,385.00
	Additional 67 Gallon Water Tank, Rear	204Q66	\$ 1,140.00
Subtotal Water System Options			\$ -
HOPPER OPTIONS			
1	Hopper, Standard Mild Steel	204Q87	\$ -
	Shroud & Suppression Mild Steel	204Q88	\$ 2,600.00
	Hand Hose, 6" Stainless Steel	204M34	\$ 1,515.00
	6"x4' Hand Hose Extension	203Q56	\$ 500.00
	Hopper, Dump Assist Shaker	204S38	\$ 1,895.00
	Hopper Deluge	204L82	\$ 860.00
	Hopper, High Strength Stainless Steel ~LIFETIME WARRANTY~	204L69	\$ 10,050.00
	Hopper Drain 4", Stainless Steel	204L83	\$ 1,265.00
	Shroud & Suppression, High Strength Stainless Steel ~LIFETIME WARRANTY~	204Q47	\$ 4,170.00
Subtotal Hopper Options			\$ -
LIGHTING OPTIONS			
	Strobe, Cab Mounted LED		\$ 680.00
	Strobe, Cab Mounted W/Guard LED	204A03	\$ 920.00
	Barlight, Cab Mounted LED 16"	203Y78	\$ 1,255.00
	Barlight, Cab W/Guard LED 16"		\$ 1,295.00
	Barlight 56" LED Cab		\$ 1,780.00
	Flood Light LED **each** <i>(Must list location in Special Options)</i>	203V45	\$ 430.00
	Traffic Guide Arrowboard	203817	\$ 1,265.00
	Strobe, Rear w/Guard LED	204S28	\$ 920.00
	Strobe, Dual Rear w/Guard LED	204W81	\$ 1,780.00
Subtotal Lighting Options			\$ -

SPECIAL PAINT OPTIONS				
1	Paint, Standard		203N56	\$ -
	Paint, Special: Sweeper Unit Only *		203454	\$ 1,425.00
	Paint, Special: Chassis Only *		203455	\$ 3,620.00
	Special Paint Color: _____			
	Special Paint Code: _____			
1	Decal Kit		203387	\$ -
			Subtotal Special Paint	\$ -
CHASSIS MOUNTING OPTIONS				
	Isuzu 3R2 17,950 '23 Single Steer		69807	\$ 58,770.00
	Isuzu 3R2 17,950 '23 Dual Steer		69857	\$ 79,315.00
CUSTOMER SUPPLIED CHASSIS				
	Customer Chassis Mounting Fee		00888162	\$ 3,500.00
<i>Customer supplied chassis specs must be approved by Schwarze Product Management prior to quoting end user.</i>				
<i>Final Chassis Specs must be submitted and signed off by Product Management at the time of submitting purchase order to Schwarze.</i>				
CHASSIS DELIVERY DATE TO SCHWARZE		CHASSIS DEALER CONTACT NAME		
CHASSIS DEALERSHIP NAME		CHASSIS DEALER CONTACT NUMBER		
TRUCK KIT OPTIONS- MUST PICK 1				
	Isuzu			\$ -
	Freightliner M2		204Q08	\$ -
CHASSIS OPTIONS				
	Air Filter Restriction Ind. In-Cab Chassis		203439	\$ 430.00
	Hour Meter, Chassis		203459	\$ 500.00
	Load Weight Alarm & Indicator		203G93	\$ 540.00
	Seat, Adjustable, Right-side Only		203964	\$ 7,110.00
	Tire & Rim, Spare 17,950 GVW		203442	\$ 1,390.00
	Wheel Cover GMC 17,950 GVW		203A86	\$ 1,195.00
			Subtotal Chassis Options	\$ -
QTY	SOR #	SPECIAL OPTIONS REQUEST	PART #	PRICE
			Subtotal Special Options	\$ -
SWEEPER EXTENDED WARRANTIES**				
1	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
			Subtotal Sweeper Extend Warranties	\$ -
<i>**Chassis and auxiliary power are both separate, and need to be purchased through local dealer/distributors.</i>				

A7 Tornado TIER IV



ELECTRONIC BUILD SHEET AND PURCHASE ORDER

Purchase Order Number	Special Option Request

SOLD TO: Dealership Name "Buyer"		CUSTOMER NAME "Buyer"	
Address:		Address:	
Contact Name:		Contact Name:	
Contact Phone:		Contact Phone:	

A7 TORNADO STANDARD EQUIPMENT (with power module selection)

SWEeper ENGINE	PICKUP HEAD
John Deere 4045 Tier 4 engine	90" x 36" Sweeping Head with Rubber Blast Orifice
Fuel water separator	3/8" thick, 14" dia Pressure hose, 14" 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.
90 amp alternator	
2 year warranty on Aux Engine	
HYDRAULIC SYSTEM	DUST CONTROL SYSTEM
25 gallon vented hydraulic reservoir, w/shut-off valves	Twin Electric diaphragm water pumps with inlet restriction indicator
Tank mounted level and temperature indicator	60 PSI, 6.0 gpm
Hydraulic pressure, 2500 psi	Water tank capacity 250 gallons, polyethylene
In-tank 10 micron return filter with in-cab indicator	25-foot long fire hydrant fill hose
9000 BTU oil to air radiator type oil cooler	50 mesh cleanable filter, with shut off valve
12-volt DC hydraulic backup system	Water spray nozzles shall be provided as follows:
	Five at pickup head, two nozzles inside hopper
	Two at gutter broom, per option selected
DUST SEPERATOR	
Centrifugal dust separator, 29000 cu in. with 1680 sq in door	Two nozzles in suction tube, two at front axle
HOPPER	An air purge system for flushing water lines
Mild Steel, 8.4 CuYd, 7 CuYd usable Capacity	OPERATING CONTROLS AND INSTRUMENTS
Screens - 5615 square inches, saw tooth design	Aux engine control with full color display on console:
Twin dumping cylinders, 51 degrees	Keyed ignition, electronic throttle, leaf bleeder
Rear door hydraulically opened, closed and locked	Oil pressure gauge, water temperature gauge
Dual 20" X 32" watertight inspection doors, 1 left, 1 right	Voltmeter, tachometer, and hour meter
External weatherproof dump switches	Diagnostic gauge for Aux Engine, overweight warning
Shroud enclosing the auxiliary engine	Selectable sweep or lift in reverse, system standby, in-cab tilt, variable speed brooms. All other STD sweeper function switches to be included for standard and options selected
BLOWER	Swiveling console for left or right sweeping
Closed face turbine 10 curved blades, 32.75" dia. by 5" wide	SAFETY EQUIPMENT
500 Brinell hardness abrasion resistant steel	Two body props to lock hopper in raised position
Fully balanced within 1.5 grams on both sides	Rear Amber LED Strobe With Guard
Vacuum enhancer, w/indicator in cab	2 rear yellow alternating LED flashing lights
Remote grease lines for fan bearing	Slow moving vehicle emblem, backup alarm
SWEeper WARRANTY	5-lb fire extinguisher, and a warning triangle kit
12 Months 1200 Hours	

QTY	DESCRIPTION	PRICE
POWER MODULE OPTIONS		SIA7T
1	134HP John Deere Tier IVF	\$ 197,630.00
	130HP Cummins Tier IVF	\$ 197,630.00
Subtotal Auxiliary Engine Options		\$ 197,630.00

SWEEPING HEAD OPTIONS			
1	Standard w/rubber blast orifice	204P45	\$ -
	Sweep Head Deluge	204H52	\$ 560.00
	Side Blast Head	204S00	\$ 2,140.00
Subtotal Sweeping Head Options			\$ -
GUTTER BROOM OPTIONS			
	Gutter Broom, Dual W/Power Tilt		\$ 10,600.00
	Gutter Broom, GEO Dual	203M91	\$ 3,675.00
	Gutter Broom, RH W/Power Tilt	203X27	\$ 6,390.00
	Gutter Broom, GEO RH	203M89	\$ 1,960.00
	Gutter Broom, GEO LH	203M90	\$ 1,970.00
	Gutter Broom, Poly Segments, each	203662	\$ 335.00
	Gutter Broom, In-Cab Down Pressure	204H70	\$ 3,790.00
1	Standby, Full w/Throttle Ramp	-	\$ -
1	Variable Speed Gutter Broom(S)	-	\$ -
Subtotal Gutter Broom Options			\$ -
MISCELLANEOUS OPTIONS			
	Manual, Sweeper, Additional Copy (Paper)	203689	\$ 200.00
	Automatic Lubrication System Vogel	203842	\$ 10,380.00
	Auto Lube Sys. Vogel Sweeper Only	203G87	\$ 5,480.00
	Auto Lube, NLG2 Sweeper Only	204Q70	\$ 7,780.00
	10 point remote grease manifold	204N30	\$ 1,380.00
1	Camera System, Single	203X81	\$ -
	Camera System, Dual (Must list location of 2nd camera in Special Options)	203X82	\$ 430.00
	Camera System, Three (Must list location of 2nd & 3rd camera in Special Options)	203Z99	\$ 875.00
	Camera System, Four w/ Split Screen (Location of camera 2, 3, 4 in Special Options)	204P54	\$ 1,415.00
	Alarm, Smart Backup, 97db-107db	204P76	\$ 275.00
	Work Deck With Railings (Not Compatible with 164 WB Freightliner chassis or 350 Gallon Water Tank)	204Q05	\$ 2,220.00
	Leak Detection Kit	204R11	\$ 585.00
	Basic Sweeper Only Wrap	SOR	\$ -
Subtotal Miscellaneous Options			\$ -
WATER SYSTEM OPTIONS			
1	Water Tank, Standard 250G or	204L11	\$ -
	Water Tank, W/ Add. 350G*	204W62	\$ 5,370.00
	Water Tank Sight Gauge side of tank	203Q24	\$ 320.00
1	Water Tank Low Level Alarm & Ind.	-	\$ -
	Spray Bar, Front	203680	\$ 1,000.00
	Spray Bar, Hopper Add. 4 Nozzles	203681	\$ 1,000.00
	Spray Bar, Hopper Add. 7 Nozzles	203939	\$ 1,035.00
	High Pressure Washdown Wand W/ Pump		\$ 4,725.00
	High Pressure Washdown W/ 50' Hose Reel		\$ 6,460.00
	Additional 100 Gallon Rear Water Tank	204Q63	\$ 4,820.00
	Pressure Side Water Injector	204P87	\$ 675.00
	Water Fill Inline Y Strainer		\$ 475.00
Subtotal Water System Options			\$ -
HOPPER OPTIONS			
1	Hopper, Standard (8.4 CuYd)	204K16	\$ -
	Hopper, W/ Remote DD Screens		\$ 2,775.00
	Auto Drop Down Screens	204L38	\$ 1,110.00
1	Hopper Drain - None or	204H60	\$ -
	Hopper Drain 6" (SS)	203C35	\$ 920.00
	Dual Hopper Drain, 6" (SS)	204K28	\$ 2,065.00
	Hopper Sound Suppression	203640	\$ 1,120.00
	Hopper Dump Assist Shaker	204R41	\$ 1,955.00
1	Hand Hose- None	204H61	\$ -

	Hand Hose, 8" Spring Boom <i>(Remote Engine Throttle Included)</i>	203O66	\$	1,955.00
	Hand Hose, 8" Power Boom <i>(Remote Engine Throttle Included)</i>	204K56	\$	4,015.00
	Hand Hose, 8" Power Boom HD with Extend <i>(Remote Engine Throttle Included)</i>		\$	7,425.00
	Pendant Control for Power Boom	204N45	\$	440.00
	Hand Hose Extension 4FT Long Rear Mount - 4 Max <i>(not compatible w/ rear water-tank)</i>		\$	475.00
	Hand Hose Extension 4FT Long Front Bumper Mount - 2 Max		\$	515.00
	Hand Hose Water Nozzle	204K97	\$	515.00
	Rear Bumper Stow & Go - Rear Tube Holder	204W85	\$	410.00
1	Hopper Deluge- None	204H59	\$	-
	Hopper Deluge, Conical Spray	203B77	\$	1,545.00
	Hopper Deluge, 4 Nozzle, Conical Spray	204G28	\$	2,390.00
1	Load Weight Alarm & Indicator		\$	-
1	Hopper Up Alarm & Indicator		\$	-
1	Hopper Aux. Engine Screen Cover		\$	-
1	Hopper Door Open Indicator		\$	-
	Hopper Dump Switches Exterior Right Side Only <i>(In Lieu of Standard Left)</i>	204S03	\$	-
	Hopper Dump Switches Exterior , Both Sides	205S03	\$	700.00
	Hopper, High Strength Stainless Steel <i>~LIFETIME WARRANTY~</i>	204L98	\$	9,180.00
	Hopper W/ Remote DD Screens High Strength Stainless Steel <i>~LIFETIME WARRANTY~</i>	204P65	\$	11,945.00
	Hopper, 304 Stainless Steel <i>~LIFETIME WARRANTY~</i>	204F45	\$	27,600.00
	Hopper W/ Remote DD Screens (304 SS) <i>~LIFETIME WARRANTY~</i>		\$	30,370.00
	Liquid collection (glycol) & pump off system <i>(Requires selection of pickup head that includes: W/AUX HYD)</i>		\$	9,595.00
Subtotal Hopper Options			\$	-
AUXILIARY ENGINE OPTIONS				
	Block Heater, Aux Engine	203060	\$	505.00
	Hydraulic Filter Restriction Alarm & Ind	204M04	\$	440.00
1	Low Hydraulic Level Indicator In-Cab		\$	-
	Air Filter Restriction Indicator <i>(In-Cab)</i>	203064	\$	440.00
Subtotal Auxiliary Engine Options			\$	-
REAR LIGHTING OPTIONS				
1	Strobe, Rear W/Guard LED (Std) 1 ea or	203Y67	\$	-
1	Strobe, Rear LED 1 each or	202Z71	\$	-
	Strobe, Dual Rear LED	203Z73	\$	700.00
	Strobe, Dual Rear W/Guard LED	203Z74	\$	1,000.00
	Arrowboard, Traffic Guide	203685	\$	1,175.00
	Arrowboard, Traffic Guide, LED	204C21	\$	1,610.00
	Barlight, Rear LED	203U22	\$	1,085.00
	Barlight, Rear W/Guard LED	203U21	\$	1,270.00
	Floodlight, LED <i>(Must list location in Special Options)</i>	203V45	\$	440.00
CAB LIGHTING OPTIONS				
	Strobe, Cab Cabover LED		\$	670.00
	Strobe, Cab Conventional LED	204B50	\$	670.00
	Strobe, Cab W/Guard Cabover LED	203Y95	\$	905.00
	Strobe, Cab W/Guard Conventional LED	204B51	\$	905.00
	Barlight, Cab Conventional LED 56"	204T22	\$	1,035.00
	Barlight, Cab W/Guard, Conventional, LED 16"	204B10	\$	1,220.00
	Barlight, Cab Cabover LED 16"		\$	1,035.00
	Barlight, Cab W/Guard, Cabover LED 16"		\$	1,220.00
Subtotal Lighting Options			\$	-

SPECIAL PAINT OPTIONS			
1	Paint, Standard	204F67	\$ -
	Paint, Special: Sweeper Unit Only	203N66	\$ 1,520.00
	Paint, Special: Chassis Only	203N67	\$ 4,795.00
	Special Paint Color: _____		
	Special Paint Code: _____		
1	Decal Kit	204E41	\$ -
Subtotal Special Paint			\$ -
CHASSIS MOUNTING OPTIONS			
	FL M2 33K, 184" 200HP DS 2500 '24 (includes Air Dryer, Air Seat & Air Horn)	69873	\$ 91,930.00
	FL M2 33K, 164" 200HP DS 2500 '24 (includes Air Dryer, Air Seat & Air Horn)	69728	\$ 94,340.00
	IH MV607 200HP Cummins Dual Steer '23	69733	\$ 89,750.00
	Peterbilt 220 33K 220HP RH Steer '23 (includes Air Dryer & Air Seat)	Call Factory	
	Peterbilt 220 33K 220HP Dual Steer '23 (includes Air Dryer & Air Seat)	Call Factory	
CUSTOMER SUPPLIED CHASSIS			
	Customer Chassis Mounting Fee	00888162	\$ 3,500.00
<i>Customer supplied chassis specs must be approved by Schwarze Product Management prior to quoting end user</i>			
<i>Final Chassis Specs must be submitted and signed off by Product Management at the time of submitting purchase order to Schwarze</i>			
CHASSIS DELIVERY DATE TO SCHWARZE		CHASSIS DEALER CONTACT NAME	
CHASSIS DEALERSHIP NAME		CHASSIS DEALER CONTACT NUMBER	
TRUCK KIT OPTIONS- MUST PICK 1			
	International MV (187") ~ Under Cab Exhaust	206B14	\$ -
	Freightliner M2 (184") ~ Under Cab Exhaust	204Q13	\$ -
	Freightliner M2 (164") ~ Between Rail Exhaust	204Q18	\$ -
	Peterbilt 220 ~ Behind Cab Exhaust	204Q16	\$ -
M2 CHASSIS OPTIONS			
	Mirror, 12" Parabolic, Set	203616	\$ 560.00
	Air Filter Restrict Ind Chassis	203465	\$ 440.00
	Tire & Rim, Spare M2	203468	\$ 2,125.00
	Block Heater	203469	\$ 525.00
	Rim, Spare M2	203620	\$ 635.00
	Magnet, Bar, 90" FL M2	204A38	\$ 2,990.00
	Magnet, Bar, 87" Self Dumping, FL M2	203X78	\$ 6,955.00
Subtotal M2 Chassis Options			\$ -
IH CHASSIS OPTIONS			
	Air Dryer, Bendix AD9*	203018	\$ 1,905.00
	Mirror, 12" Parabolic, Set	203616	\$ 560.00
	Air Filter Restrict Ind Chassis	203465	\$ 440.00
	Tire & Rim, Spare IH	203476	\$ 2,125.00
	Block Heater, IH 4300	203C83	\$ 525.00
	Tow Hooks, IH	203037	\$ 410.00
	Rim, Spare IH	203478	\$ 355.00
	Magnet, Bar, 90" IH	204A37	\$ 2,990.00
	Magnet, Bar, 87" Self Dumping, IH	204D68	\$ 6,955.00
Subtotal IH Chassis Options			\$ -
CABOVER CHASSIS OPTIONS			
	Mirror, 12" Parabolic, Set (Autocar Only)	203616	\$ 560.00
	Magnet, Bar, 90"		\$ 2,990.00
	Air Filter Restrict Ind Chassis	203465	\$ 300.00
	Tire & Rim, Spare	203X83	\$ 2,125.00
	Horn, Air		\$ 1,175.00
	Gauge, Transmission Temp	203467	\$ 1,315.00
	Gauge, Hour Meter (Right Hand Only Kenworth/Peterbilt)	66504	\$ 1,190.00
	Magnet, Bar, 87" Self Dumping, Kenworth/Peterbilt	204P03	\$ 6,955.00
Subtotal Cabover Chassis Options			\$ -

A7 Tornado CNG



ELECTRONIC BUILD SHEET AND PURCHASE ORDER

Purchase Order Number	Special Option Request

SOLD TO: Dealership Name "Buyer"		CUSTOMER NAME "Buyer"	
Address:		Address:	
Contact Name:		Contact Name:	
Contact Phone:		Contact Phone:	

A7 CNG TORNADO STANDARD EQUIPMENT	
SWEEPER ENGINE	PICKUP HEAD
General Motors 350 cu in V8, 145 hp @3000 rpm	90" x 36" Sweeping Head with Rubber Blast Orifice
60 gallon DGE DOT approved CNG tanks	3/8" thick, 14" dia Pressure hose, 14" Suction Hose
3-point safety engine shutdown device	Sweeps-in-Reverse
Battery shared with chassis	Doublewide full length carbide drag shoes Warranted against wear-out, two years/2000 hours, prorated.
65 amp alternator	
2 year warranty on Aux Engine	DUST CONTROL SYSTEM
HYDRAULIC SYSTEM	Electric diaphragm water pump
25 gallon vented hydraulic reservoir, w/shut-off valves	60 PSI, 6.0 gpm
Tank mounted level and temperature indicator	Water tank capacity 250 gallons, polyethylene
Hydraulic pressure, 2500 psi	25-foot long fire hydrant fill hose
Spin-on 10 micron return filter	50 mesh cleanable filter, with shut off valve
9000 BTU oil to air radiator type oil cooler	Water spray nozzles shall be provided as follows:
12-volt DC hydraulic backup system	Five at pickup head, two nozzles inside hopper
DUST SEPERATOR	Two at gutter broom, per option selected
Centrifugal dust separator, 29000 cu in. with 1680 sq in door	Two nozzles in suction tube, two at front axle
HOPPER	An air purge system for flushing water lines
Mild Steel, 8.4 CuYd, 7 CuYd usable Capacity	OPERATING CONTROLS
Screens - 5615 square inches	Aux engine control & gauges on console:
Two piece saw-tooth design	Keyed ignition, electronic throttle, leaf bleeder
Twin dumping cylinders, 51 degrees	Oil pressure gauge, water temperature gauge
Rear door hydraulically opened, closed and locked	Voltmeter, tachometer, and hour meter
Dual 20" X 32" inspection doors, 1 left, 1 right	All gauges to be lighted
External weatherproof dump switches	All other STD sweeper function switches to be included for standard and options selected
Shroud enclosing the auxiliary engine	
BLOWER	Swiveling console for left or right sweeping
Closed face turbine 10 curved blades, 32.75" dia. by 5" wide	SAFETY EQUIPMENT
500 Brinell hardness abrasion resistant steel	Two body props to lock hopper in raised position
Fully balanced within 1.5 grams on both sides	Rear Amber LED Strobe With Guard
Vacuum enhancer, w/indicator in cab	2 rear yellow alternating LED flashing lights
SWEEPER WARRANTY	Slow moving vehicle emblem, backup alarm, 5-lb fire extinguisher, and a warning triangle kit
12 Months 1200 Hours	

QTY	DESCRIPTION	PRICE
POWER MODULE OPTIONS		
SIA7CNG		
1	145HP 5.7 Litre Aux Engine	\$ 176,870.00
Subtotal Auxiliary Engine Options		\$ 176,870.00
SWEEPING HEAD OPTIONS		
1	Standard w/rubber blast orifice	204A41 \$ -
	Sweep Head Deluge (Must Pick Standard Head)	204H52 \$ 540.00
Subtotal Sweeping Head Options		\$ -
GUTTER BROOM OPTIONS		
	Gutter Broom, Dual	203W42 \$ 9,970.00
1	Gutter Broom, Tilt Standard Dual or	203C01 \$ -
	Gutter Broom, Tilt Power Dual	203C02 \$ 2,075.00
	Gutter Broom, GEO Dual	203M91 \$ 3,560.00
	Gutter Broom, RH	203X27 \$ 6,010.00
	Gutter Broom, Tilt Power RH	203C05 \$ 1,050.00
	Gutter Broom, GEO RH	203M89 \$ 1,835.00
	Gutter Broom, LH	203X28 \$ 6,010.00
	Gutter Broom, GEO LH	203M90 \$ 1,845.00
	Gutter Broom, Poly Segments, each	203662 \$ 310.00
	Gutter Broom, In-Cab Down Pressure	204H70 \$ 3,560.00

	Standby, Gutter Broom Only	203568	\$	1,620.00
	Standby, Full w/Throttle Ramp	204B08	\$	2,075.00
	Variable Speed Gutter Broom, Single	203V59	\$	845.00
	Variable Speed Gutter Broom, Dual	203V60	\$	1,445.00
Subtotal Gutter Broom Options			\$	-
MISCELLANEOUS OPTIONS				
	Manual, Sweeper, Additional Copy (<i>Paper</i>)	203689	\$	195.00
	Automatic Lubrication System Vogel	203842	\$	10,060.00
	Auto Lube Sys. Vogel Sweeper Only	203G87	\$	5,310.00
	Auto Lube, NLG2 Sweeper Only	204Q70	\$	7,540.00
	Remote Grease Fittings, Fan	203J02	\$	400.00
1	Camera System, Single	203X81	\$	-
	Camera System, Dual (<i>Must list location of 2nd camera in Special Options</i>)	203X82	\$	400.00
	Camera System, Three (<i>Must list location of 2nd & 3rd camera in Special Options</i>)	203Z99	\$	845.00
	Camera System, Four w/Split Screen (<i>Location of camera 2, 3, 4 in Special Options</i>)	204P54	\$	1,370.00
	Alarm, Smart Backup, 97db-107db	204P76	\$	265.00
	Leak Detection Kit	204R11	\$	565.00
	Basic Sweeper Only Wrap	SOR	\$	-
Subtotal Miscellaneous Options			\$	-
WATER SYSTEM OPTIONS				
1	Water Tank, Standard 250G or		\$	-
	Water Tank, W/ Add. 350G* (<i>requires special chassis</i>)		\$	5,205.00
	Water Tank Sight Gauge side of tank	203674	\$	310.00
	Water Tank Low Level Alarm & Ind.	203676	\$	430.00
	Spray Bar, Front	203680	\$	970.00
	Spray Bar, Hopper Add. 4 Nozzles	203681	\$	970.00
	Spray Bar, Hopper Add. 7 Nozzles	203939	\$	1,005.00
	High Pressure Washdown Wand W/ Pump		\$	4,580.00
	High Pressure Washdown W/ 50' Hose Reel		\$	6,260.00
	100 Gallon Rear Water Tank	204Q63	\$	4,675.00
	Pressure Side Water Injector	204987	\$	655.00
Subtotal Water System Options			\$	-
HOPPER OPTIONS				
1	Hopper, Standard (8.4 CuYd)	204K16	\$	-
	Hopper, W/ Remote DD Screens	204K21	\$	2,690.00
	Auto Drop Down Screens	204H25	\$	1,075.00
1	Hopper Drain - None or	203G45	\$	-
	Hopper Drain 6" (SS)	203C35	\$	1,265.00
	Dual Hopper Drain, 6"	204K28	\$	2,000.00
	Hopper Sound Suppression	203640	\$	1,085.00
	Hopper Dump Assist Shaker	203639	\$	1,895.00
1	Hand Hose- None	204H61	\$	-
	Hand Hose, 8" Spring Boom (<i>Remote Engine Throttle Included</i>)	203066	\$	1,895.00
	Hand Hose, 8" Power Boom (<i>Remote Engine Throttle Included</i>)	204H90	\$	3,895.00
	Hand Hose, 8" Power Boom HD with Extend (<i>Remote Engine Throttle Included</i>)		\$	7,200.00
	Pendant Control for Power Boom	204J54	\$	430.00
	Hand Hose Extension 4FT Long Rear Mount - 4 Max (<i>not compatible w/ rear water-tank</i>)		\$	500.00
	Hand Hose Extension 4FT Long Front Bumper Mount - 2 Max		\$	500.00
	Hand Hose Water Nozzle	204K35	\$	400.00
	Rear Bumper Stow & Go - Rear Tube Holder	204W85	\$	400.00
1	Hopper Deluge- None	204H59	\$	-
	Hopper Deluge, Conical Spray	203B77	\$	1,275.00
	Hopper Deluge, 4 Nozzle, Conical Spray	204G28	\$	3,260.00
	Load Weight Alarm & Indicator	203532	\$	555.00
	Hopper Up Alarm & Indicator	203899	\$	540.00
	Hopper Aux. Engine Screen Cover	204A36	\$	860.00
	Hopper Door Open Indicator	203G23	\$	430.00
	Hopper Dump Switches Exterior Right Side	203C79	\$	680.00
	Hopper, High Strength Stainless Steel <i>~LIFETIME WARRANTY~</i>	204L98	\$	8,900.00
	Hopper W/ Remote DD Screens High Strength Stainless Steel <i>~LIFETIME WARRANTY~</i>	204P65	\$	11,580.00
	Hopper, 304 Stainless Steel <i>~LIFETIME WARRANTY~</i>	204F45	\$	26,755.00
	Hopper W/ Remote DD Screens (304 SS) <i>~LIFETIME WARRANTY~</i>	204K27	\$	29,440.00
Subtotal Hopper Options			\$	-

CNG AUXILIARY ENGINE OPTIONS			
	Block Heater, Aux Engine	204C20	\$ 490.00
	Hydraulic Filter Restriction Alarm & Ind	204M04	\$ 430.00
	Low Hydraulic Level Indicator In-Cab	203067	\$ 400.00
	Alternator, 100 AMP, Aux Engine	203527	\$ 430.00
	Engine Remote Throttle	203627	\$ 490.00
	Air Filter Restriction Alarm & Indicator (In-Cab)	203526	\$ 430.00
Subtotal Auxiliary Engine Options			\$ -
REAR LIGHTING OPTIONS			
1	Strobe, Rear W/Guard LED (Std) 1 ea or	203Y67	\$ -
	Strobe, Rear LED 1 each or	202Z71	\$ -
	Strobe, Dual Rear LED	203Z73	\$ 680.00
	Strobe, Dual Rear W/Guard LED	203Z74	\$ 970.00
	Arrowboard, Traffic Guide	203685	\$ 1,140.00
	Arrowboard, Traffic Guide, LED	204C21	\$ 1,560.00
	Barlight, Rear LED	203U22	\$ 1,050.00
	Barlight, Rear W/Guard LED	203U21	\$ 1,230.00
	Floodlight, LED (Must list location in Special Options)	203V45	\$ 430.00
CAB LIGHTING OPTIONS			
	Strobe, Cab Cabover LED		\$ 680.00
	Strobe, Cab Conventional LED	204B50	\$ 680.00
	Strobe, Cab W/Guard Cabover LED	203Y95	\$ 920.00
	Strobe, Cab W/Guard Conventional LED	204B51	\$ 920.00
	Barlight, Cab Conventional LED 56"	204T22	\$ 1,050.00
	Barlight, Cab W/Guard, Conventional, LED 16"	204B10	\$ 1,230.00
	Barlight, Cab Cabover LED 16"		\$ 1,050.00
	Barlight, Cab W/Guard, Cabover LED 16"		\$ 1,230.00
Subtotal Lighting Options			\$ -
SPECIAL PAINT OPTIONS			
1	Paint, Standard		\$ -
	Paint, Special: Sweeper Unit Only	203700	\$ 1,475.00
	Paint, Special: Chassis Only	203701	\$ 4,650.00
	Special Paint Color: _____		
	Special Paint Code: _____		
1	Decal Kit	204E41	\$ -
Subtotal Special Paint			\$ -
CHASSIS MOUNTING OPTIONS			
	FL M2 CNG 33K 300HP DS 30000 '24 (Includes Air Dryer, Air Seat & Air Horn)	Call Factory	
	Autocar Expert 33K 2500 CNG '23	Call Factory	
	Special Order Chassis		
CUSTOMER SUPPLIED CHASSIS			
	Customer Chassis Mounting Fee	00888162	\$ 3,500.00
Customer supplied chassis specs must be approved by Schwarze Product Management prior to quoting end user			
Final Chassis Specs must be submitted and signed off by Product Management at the time of submitting purchase order to Schwarze			
CHASSIS DELIVERY DATE TO SCHWARZE		CHASSIS DEALER CONTACT NAME	
CHASSIS DEALERSHIP NAME		CHASSIS DEALER CONTACT NUMBER	
TRUCK KIT OPTIONS- MUST PICK 1			
	Freightliner M2 60 DGE behind cab	203M06	\$ -
	Autocar Xpert 60 DGE behind cab	204E37	\$ -
M2 CHASSIS OPTIONS			
	Mirror, 12" Parabolic, Set	203616	\$ 540.00
	Air Filter Restrict Ind Chassis	203465	\$ 430.00
	Tire & Rim, Spare M2	203468	\$ 2,060.00
	Block Heater	203469	\$ 510.00
	Rim, Spare M2	203620	\$ 615.00
	Magnet, Bar, 90" FL M2	204A38	\$ 2,900.00
	Magnet, Bar, 87" Self Dumping, FL M2	203X78	\$ 6,740.00
Subtotal M2 Chassis Options			\$ -

A7 Tornado SE



ELECTRONIC BUILD SHEET AND PURCHASE ORDER

M2 106 Freightliner with sweeper body

Purchase Order Number	Special Option Request

SOLD TO: Dealership Name "Buyer"		CUSTOMER NAME "Buyer"	
Address:		Address:	
Contact Name:		Contact Name:	
Contact Phone:		Contact Phone:	

A7SE TORNADO STANDARD EQUIPMENT

SWEeper ENGINE	PICKUP HEAD
Fuel water separator	90" x 36" Sweeping Head with Rubber Blast Orifice
Safety engine shutdown device	3/8" thick, 14" dia Pressure hose, 14" Suction Hose
Battery and 50 gallon fuel tank shared with chassis	Sweeps-in-Reverse
160 amp alternator	Doublewide full length carbide drag shoes Warranted against wear-out, two years/2000 hours, prorated.
High capacity air cleaner	
HYDRAULIC SYSTEM	DUST CONTROL SYSTEM
25 gallon vented hydraulic reservoir, w/shut-off valves	Twin Electric diaphragm water pumps with inlet restriction indicator
Tank mounted level and temperature indicator	Water tank capacity 480 gallons, polyethylene
Hydraulic pressure, 2500 psi	25-foot long fire hydrant fill hose
In-tank 10 micron return filter with in-cab indicator	50 mesh cleanable filter, with shut off valve
9000 BTU oil to air radiator type oil cooler	Water spray nozzles shall be provided as follows:
12-volt DC hydraulic backup system	Five at pickup head, two nozzles inside hopper
DUST SEPERATOR	Two at gutter broom, per option selected
Centrifugal dust separator, 29000 cu in. with 1680 sq in. door	Two nozzles in suction tube, two at front axle
	An air purge system for flushing water lines
HOPPER	OPERATING CONTROLS
Mild Steel, 8.4 CuYd, 7 CuYd usable Capacity	Sweeper power control, with auto throttle standby
Screens - 5615 square inches, saw tooth design	Broom deploy, tilt and speed
Twin dumping cylinders, 51 degrees	Head up/down or leaf bump, sweep in reverse
Rear door hydraulically opened, closed and locked	Dust control water by zone
Dual 20" X 32" watertight inspection doors, 1 left, 1 right	Hopper dump - in cab and at side broom
External weatherproof dump switches	Sweeper lighting and beacons
Shroud enclosing the auxiliary engine	INSTRUMENTS
BLOWER	Full color hi-res display with the following:
Closed face turbine 10 curved blades, 32.75" dia. by 5" wide	Water level, broom speed, hopper load, vacuum enhancer position
500 Brinell hardness abrasion resistant steel	Sweeper and drive system diagnostics
Fully balanced within 1.5 grams on both sides	Hopper tilted and door open indicator
Vacuum enhancer, w/indicator in cab	Swiveling console for left or right sweeping
Remote grease lines for fan bearing	Hyd. temp. & filter restriction
SWEeper WARRANTY	SAFETY EQUIPMENT
Sweeper 12 Months, 1200 Hours	Two body props to lock hopper in raised position
VPD Device 36 months, unlimited hours	Rear Amber LED Strobe With Guard
Chassis sweeper engine 36 Months	2 rear yellow alternating LED flashing lights
Sweeper hydraulic pumps and fittings 5 years	Slow moving vehicle emblem, backup alarm, 5-lb fire extinguisher, and a warning triangle kit
Sweeper hydraulic motors and valves 2 years	Rear view camera

QTY	DESCRIPTION	PRICE
POWER MODULE OPTIONS		
SIRGNSE		
1	M2, 240 hp VPD sweeper drive	\$ 201,375.00
Subtotal Auxiliary Engine Options		\$ 201,375.00
SWEEPING HEAD OPTIONS		
1	Standard w/ rubber blast orifice	\$ -
	Sweep Head Deluge	\$ 530.00
	Side Blast Head	\$ 2,055.00
Subtotal Sweeping Head Options		\$ -

GUTTER BROOM OPTIONS			
	Gutter Broom, Dual W/Power Tilt and variable speed		\$ 10,175.00
	Gutter Broom, GEO Dual		\$ 3,520.00
	Gutter Broom, RH W/Power Tilt and variable speed		\$ 6,135.00
	Gutter Broom, GEO RH		\$ 1,880.00
	Gutter Broom, GEO LH		\$ 1,890.00
	Gutter Broom, Poly Segments, each		\$ 320.00
	Gutter Broom, In-Cab Down Pressure	206C16	\$ 3,635.00
1	Standby, Full w/Throttle Ramp		\$ -
1	Variable Speed Butter Broom(s)		\$ -
Subtotal Gutter Broom Options			\$ -
MISCELLANEOUS OPTIONS			
	Manual, Sweeper, Additional Copy (Paper)		\$ 190.00
1	14 Point Standard Remote Grease Manifold		\$ -
1	Camera System, Single		\$ -
	Camera System, Dual (Must list location of 2nd camera in Special Options)		\$ 415.00
	Camera System, Three (Must list location of 2nd & 3rd camera in Special Options)		\$ 830.00
	Camera System, Four w/ Split Screen (Location of camera 2, 3, 4 in Special Options)		\$ 1,360.00
	Alarm, Smart Backup, 97db-107db		\$ 255.00
	Leak Detection Kit		\$ 565.00
	Autolube, Vogel Body Only		\$ 5,480.00
	Autolube, Vogel Body & Chassis		\$ 10,380.00
	Autolube Fill Kit		\$ 440.00
	Basic Sweeper Only Wrap	SOR	\$ -
Subtotal Miscellaneous Options			\$ -
WATER SYSTEM OPTIONS			
1	Water Tank, Standard 470G		\$ -
1	Water Tank Low Level Alarm & Ind.		\$ -
	Spray Bar, Front		\$ 955.00
	Spray Bar, Hopper Add. 4 Nozzles		\$ 955.00
	Spray Bar, Hopper Add. 7 Nozzles		\$ 1,000.00
	High Pressure Washdown Wand W/ Pump 2000 psi		\$ 4,530.00
	High Pressure Washdown W/ 50' Hose Reel 2000 psi		\$ 6,200.00
	High Pressure Front Spraybar, Gun, Reel, Detergent Tank 3000 psi		\$ 12,915.00
	Pressure Side Water Injector		\$ 640.00
	Additional 80 gallon rear poly tank		\$ 4,460.00
	Additional 100 gallon rear stainless steel tank		\$ 4,620.00
	Water Fill Inline Y Strainer		\$ 475.00
Subtotal Water System Options			\$ -
HOPPER OPTIONS			
1	Hopper, 8.4 CuYd Carbon Steel, Drop Down Screens		\$ -
	Auto Drop Down Screens (All Hoppers)		\$ 1,905.00
	Hopper, all materials, add Remote DD Screens		\$ 2,665.00
	Hopper Sound Suppression		\$ 1,085.00
	Hopper Dump Assist Shaker		\$ 1,875.00
1	Hand Hose - None		\$ -
	Hand Hose, 8" Spring Boom (Remote Engine Throttle Included)		\$ 1,875.00
	Hand Hose, 8" Power Boom (Remote Engine Throttle Included)		\$ 3,855.00
	Hand Hose, 8" Power Boom HD with extend (Remote Engine Throttle Included)		\$ 7,425.00
	Pendant Control for Power Boom		\$ 425.00
	Hand Hose Extension 4FT Long Rear Mount - 4 Max (not compatible w/ rear water-tank)		\$ 495.00
	Hand Hose Extension 4FT Long Front Bumper Mount - 2 Max		\$ 495.00
	Hand Hose Water Nozzle		\$ 385.00
	Rear Bumper Stow & Go - Rear Tube Holder		\$ 385.00
1	Hopper Deluge - None		\$ -
	Hopper Deluge, Conical Spray		\$ 1,480.00
	Hopper Deluge, 4 Nozzle, Conical Spray		\$ 2,295.00
1	Load Weight Alarm & Indicator		\$ -
1	Hopper Up Alarm & Indicator		\$ -
1	Hopper Door Open Indicator		\$ -
	Hopper Dump Switches Exterior Right Side Only (In Lieu of Standard Left)		\$ -
	Hopper Dump Switches Exterior, Both Sides		\$ 670.00
1	Hopper Drain - None or		\$ -

	Hopper Drain 6" (SS)		\$	985.00
	Dual Hopper Drain, 6" (SS)		\$	1,980.00
	Hopper, High Strength Stainless Steel ~LIFETIME WARRANTY~		\$	8,810.00
	Hopper W/ Remote DD Screens High Strength Stainless Steel ~LIFETIME WARRANTY~		\$	9,705.00
	Hopper, 304 Stainless Steel ~LIFETIME WARRANTY~		\$	26,485.00
Subtotal Hopper Options			\$	-
REAR LIGHTING OPTIONS				
1	Strobe, Rear W/Guard		\$	-
	Strobe, Dual Rear LED		\$	670.00
	Strobe, Dual Rear W/Guard LED		\$	1,000.00
	Arrowboard, Traffic Guide, LED		\$	1,535.00
	Barlight, Rear LED		\$	1,035.00
	Barlight, Rear W/Guard LED		\$	1,220.00
	Floodlight, LED <i>(Must list location in Special Options)</i>		\$	425.00
CAB LIGHTING OPTIONS				
	Strobe, Cab LED. SAE class 2		\$	700.00
	Strobe, Cab LED W/Guard. SAE class 2		\$	945.00
	Strobe, Dual, Cab LED W/Guard. SAE class 2		\$	1,780.00
	Barlight, 56" Cab Conventional LED. SAE class 1, Cal Title XIII		\$	1,780.00
	Barlight, 16" Cab W/Guard, Conventional, LED. SAE class 1, Cal Title XIII		\$	1,270.00
Subtotal Lighting Options			\$	-
SPECIAL PAINT OPTIONS				
1	Paint, Standard		\$	-
	Paint, Special: Sweeper Unit Only		\$	1,460.00
	Paint, Special: Chassis Only		\$	4,595.00
	Special Paint Color: _____			
	Special Paint Code: _____			
1	Decal Kit		\$	-
Subtotal Special Paint			\$	-
CHASSIS MOUNTING OPTIONS				
1	FL M2 164" Single Engine Spec Chassis '24	69870	\$	108,660.00
M2 CHASSIS OPTIONS				
	Mirror, 12" Parabolic, Set	203616	\$	530.00
	Air Filter Restrict Ind Chassis	203465	\$	425.00
	Tire & Rim, Spare M2	203468	\$	2,040.00
	Block Heater	203469	\$	510.00
	Rim, Spare M2	203620	\$	610.00
	Magnet, Bar, 90" FL M2	204A38	\$	2,860.00
	Magnet, Bar, 87" Self Dumping, FL M2	203X78	\$	6,675.00
	Magnet Bar 90" Anti-Swing		\$	3,565.00
Subtotal M2 Chassis Options			\$	-
QTY	SOR #	SPECIAL OPTIONS REQUEST	PART #	PRICE
Subtotal Special Options			\$	-
SWEEPER EXTENDED WARRANTIES				
1	STANDARD- 1 Year or 1200 hours		STD	\$ -
	SILVER- 2 Years or 2400 Hours		SILVER	\$ 1,850.00
	GOLD- 3 Years or 3600 Hours		GOLD	\$ 4,590.00
	PLATINUM- 4 Years or 4800 Hours		PLATINUM	\$ 6,650.00
	DIAMOND- 5 Years or 6000 Hours		DIAMOND	\$ 8,450.00
Subtotal Sweeper Extend Warranties			\$	-
<i>**Chassis and auxiliary power are both separate, and need to be purchased through local dealer/distributors**</i>				

FREIGHT OPTIONS

LTL and Full Truck Rates are subject to truck availability. Step Deck rates are quoted based on dealer having an unloading dock. If Schwarze arranges for unloading on behalf of the dealer, dealer will be billed for additional unloading expense.

1	Dealer to arrange freight	DEALER	\$	-
	Schwarze Arranged LTL Freight	LTL		
	Schwarze Arranged FULL TRUCK Freight	FULL		
Shipping Terms ~ Check 1		<input checked="" type="radio"/> FOB ~ Huntsville, AL	<input type="radio"/> ExWorks ~ Huntsville, AL	
Payment Terms: Place X in Appropriate Box		SHIP TO: NAME (If different from sold to)		
	C.O.D			
	Net 10			
	Net 30			
	Irrevocable Letter of Credit			
	Other			
		Address:		
		Contact Name:		
		Contact Phone:		

A7 TORNADO SE PURCHASE ORDER

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Buyer understands that this document is a binding purchase order and is a contract for the purchase of goods. This purchase order cannot be amended except in writing by both parties. Buyer agrees that by signing this Electronic Build Sheet and Purchase Order it has agreed to purchase the equipment and/or parts and attachments identified herein and has read and agreed to either: (i) Schwarze's terms and conditions in a validly executed dealer agreement if the Buyer is an authorized dealer or (ii) Schwarze's Standard Terms and Conditions of Sale located at www.schwarze.com/tc which are hereby incorporated by reference with the same force and effect as though fully set forth herein, if the Buyer is a direct customer.

Signature of Authorized Dealer Representative
 Submitting Purchase Order

Date

Make note of the following: All prices are subject to change without notice and are subject to surcharges. All pricing is quoted and to be paid in U.S. funds. Payment required before release of MSO. Warranties on chassis and auxiliary engine (if required) are provided by their manufacturer and are not covered by Schwarze Industries, LLC. Dealers are responsible for reviewing, and verifying, all quotes prior to submission in regards to the customers' bid requirements. Write-in options are subject to final approval concerning both structure and price by Schwarze Industries, LLC management. This Electronic Build sheet (EBS) is a communication tool between Schwarze Industries, LLC and it's authorized dealer. This EBS is proprietary to Schwarze Industries, LLC and may not be modified or used for any other purpose without the written consent of Schwarze Industries, LLC.

A7 Zephyr TIER IV



ELECTRONIC BUILD SHEET AND PURCHASE ORDER

Purchase Order Number	Special Option Request

SOLD TO: Dealership Name "Buyer"		CUSTOMER NAME "Buyer"	
Address:		Address:	
Contact Name:		Contact Name:	
Contact Phone:		Contact Phone:	

A7 ZEPHYR STANDARD EQUIPMENT (with power module selection)

SWEeper ENGINE	PICKUP HEAD
John Deere 4045 Tier 4 engine	90" x 36" Sweeping Head with Rubber Blast Orifice
Fuel water separator	3/8" thick, 14" dia Pressure hose, 10" 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.
90 amp alternator	DUST CONTROL SYSTEM
2 year warranty on Aux Engine	
HYDRAULIC SYSTEM	Twin Electric diaphragm water pumps with inlet restriction indicator
25 gallon vented hydraulic reservoir, w/shut-off valves	60 PSI, 5.88 gpm
Tank mounted level and temperature indicator	Water tank capacity 250 gallons, polyethylene
Hydraulic pressure, 2500 psi	25-foot long fire hydrant fill hose
Spin-on 10 micron return filter	50 mesh cleanable filter, with shut off valve
9000 BTU oil to air radiator type oil cooler	Water spray nozzles shall be provided as follows:
12-volt DC hydraulic backup system	Five at pickup head, two nozzles inside hopper
DUST SEPERATOR	Two at gutter broom, per option selected
Centrifugal dust separator, 29000 cu in. with 1680 sq in door	Two nozzles in suction tube, two at front axle
HOPPER	An air purge system for flushing water lines
Mild Steel, 8.4 CuYd, 7 CuYd usable Capacity	OPERATING CONTROLS AND INSTRUMENTS
Screens - 5615 square inches, saw tooth design	Aux engine control with full color display on console:
Twin dumping cylinders, 51 degrees	Keyed ignition, electronic throttle, leaf bleeder position,
Rear door hydraulically opened, closed and locked	Oil pressure gauge, water temperature gauge
Dual 20" X 32" watertight inspection doors, 1 left, 1 right	Voltmeter, tachometer, and hour meter
External weatherproof dump switches	Diagnostic gauge for Aux Engine, overweight warning
Shroud enclosing the auxiliary engine	Selectable sweep or lift in reverse, system standby, in-cab tilt, variable speed brooms. All other STD sweeper function switches to be included for standard and options selected
BLOWER	Swiveling console for left or right sweeping
Closed face turbine 10 curved blades, 32.75" dia. by 7" wide	SAFETY EQUIPMENT
500 Brinell hardness abrasion resistant steel	Two body props to lock hopper in raised position
Fully balanced within 1.5 grams on both sides	Rear Amber LED Strobe With Guard
Vacuum enhancer, w/indicator in cab	2 rear yellow alternating LED flashing lights
SWEeper WARRANTY	Slow moving vehicle emblem, backup alarm
12 Months 1200 Hours	5-lb fire extinguisher, and a warning triangle kit

QTY	DESCRIPTION	PRICE
POWER MODULE OPTIONS		
SIA7TRUN		
	134HP John Deere Tier IVF	\$ 217,005.00
	130HP Cummins Tier IVF	\$ 217,005.00
Subtotal Auxiliary Engine Options		\$ -
SWEEPING HEAD OPTIONS		
1	Mechanic-Pneumatic Broom Assist with Left Hand Side Blaster	203K90 \$ -
	Rotating Side Blast - Requires Special 184" Wheelbase M2	Call Factory \$ 5,270.00
Subtotal Sweeping Head Options		\$ -

GUTTER BROOM OPTIONS			
	Gutter Broom, Dual W/Power Tilt	203W42	\$ 10,285.00
	Gutter Broom, GEO Dual	203M91	\$ 3,675.00
	Gutter Broom, RH W/Power Tilt	203X27	\$ 6,200.00
	Gutter Broom, GEO RH	203M89	\$ 1,895.00
	Gutter Broom, GEO LH	203M90	\$ 1,905.00
	Gutter Broom, Poly Segments, each	203662	\$ 320.00
	Gutter Broom, In-Cab Down Pressure	204H70	\$ 3,675.00
1	Standby, Full w/Throttle Ramp	204B08	\$ -
1	Variable Speed Gutter Broom(S)	203V60	\$ -
Subtotal Gutter Broom Options			\$ -
MISCELLANEOUS OPTIONS			
	Manual, Sweeper, Additional Copy (<i>Paper</i>)	203689	\$ 200.00
	Automatic Lubrication System Vogel	203842	\$ 10,380.00
	Auto Lube Sys. Vogel Sweeper Only	203G87	\$ 5,480.00
	10 Point Remote Grease Manifold	204N30	\$ 1,380.00
	Camera System, Three	203Z99	\$ 875.00
1	Remote Grease Fittings, Fan	203J02	\$ -
1	Camera System, Single	203X81	\$ -
	Camera System, Dual (<i>Must list location of 2nd camera in Special Options</i>)	203X82	\$ 430.00
	Camera System, Three (<i>Must list location of 2nd & 3rd camera in Special Options</i>)	203Z99	\$ 875.00
	Camera System, Four w/Split Screen (<i>Location of camera 2, 3, 4 in Special Options</i>)	204P54	\$ 1,415.00
	Basic Sweeper Only Wrap	SOR	\$ -
Subtotal Miscellaneous Options			\$ -
WATER SYSTEM OPTIONS			
1	Water Tank, Standard 250G or	203B97	\$ -
	Water Tank, W/ Add. 350G*		\$ 5,370.00
	Water Tank Sight Gauge side of tank	203674	\$ 320.00
1	Water Tank Low Level Alarm & Ind.	203676	\$ -
	Spray Bar, Front	203680	\$ 1,000.00
	Spray Bar, Hopper Add. 4 Nozzles	203681	\$ 1,000.00
	Spray Bar, Hopper Add. 7 Nozzles	203939	\$ 1,035.00
	High Pressure Washdown Wand W/ Pump		\$ 4,725.00
	High Pressure Washdown W/ 50' Hose Reel		\$ 6,460.00
	Pressure Side Water Injector	204P87	\$ 675.00
Subtotal Water System Options			\$ -
HOPPER OPTIONS			
1	Hopper, Standard (8.4 CuYd)	204K31	\$ -
	Hopper, W/ Remote DD Screens		\$ 2,775.00
	Auto Drop Down Screens	204H25	\$ 1,110.00
1	Hopper Drain - None or	203G45	\$ -
	Hopper Drain 6" (SS)	203C35	\$ 1,020.00
	Dual Hopper Drain, 6" (SS)	204K28	\$ 2,065.00
	Hopper Sound Suppression	203640	\$ 1,120.00
	Hopper Dump Assist Shaker	203639	\$ 1,955.00
1	Hand Hose- None	203G46	\$ -
	Hand Hose, 8" Spring Boom (<i>Remote Engine Throttle Included</i>)	203066	\$ 1,955.00
	Hand Hose, 8" Power Boom (<i>Remote Engine Throttle Included</i>)	204H90	\$ 4,015.00
	Hand Hose, 8" Power Boom HD with Extend (<i>Remote Engine Throttle Included</i>)		\$ 7,425.00
	Pendant Control for Power Boom	204J54	\$ 440.00
	Hand Hose Extension 4FT Long Rear Mount - 4 Max (<i>not compatible w/ rear water-tank</i>)		\$ 515.00
	Hand Hose Extension 4FT Long Front Bumper Mount - 2 Max		\$ 515.00
	Hand Hose Water Nozzle	204K97	\$ 410.00
	Rear Bumper Stow & Go - Rear Tube Holder	204W85	\$ 410.00

1	Hopper Deluge- None	204H59	\$	-
	Hopper Deluge, Conical Spray	203B77	\$	1,545.00
	Hopper Deluge, 4 Nozzle, Conical Spray	204G28	\$	2,390.00
1	Load Weight Alarm & Indicator		\$	-
1	Hopper Up Alarm & Indicator		\$	-
1	Hopper Aux. Engine Screen Cover		\$	-
1	Hopper Door Open Indicator		\$	-
	Hopper Dump Switches Exterior Right Side	204S03	\$	700.00
	Hopper, High Strength Stainless Steel ~LIFETIME WARRANTY~	204V33	\$	9,180.00
	Hopper, 304 Stainless Steel ~LIFETIME WARRANTY~	SOR	\$	27,600.00
	Hopper W/ Remote DD Screens (304 SS) ~LIFETIME WARRANTY~	SOR	\$	30,370.00
	Liquid collection (glycol) & pump off system. (Requires selection of pickup head that includes: W/AUX HYD)		\$	9,595.00
Subtotal Hopper Options			\$	-
AUXILIARY ENGINE OPTIONS				
	Block Heater, Aux Engine	203060	\$	505.00
	Hydraulic Filter Restriction Alarm & Ind	204M04	\$	440.00
1	Low Hydraulic Level Indicator In-Cab		\$	-
	Engine Remote Throttle (Not on Hand Hose)		\$	505.00
	Air Filter Restriction Alarm & Indicator	203064	\$	440.00
Subtotal Auxiliary Engine Options			\$	-
REAR LIGHTING OPTIONS				
1	Strobe, Rear W/Guard LED (Std) 1 ea or	203Y67	\$	-
	Strobe, Rear LED 1 each or	202271	\$	-
	Strobe, Dual Rear LED	203Z73	\$	700.00
	Strobe, Dual Rear W/Guard LED	203Z74	\$	1,000.00
	Arrowboard, Traffic Guide	203685	\$	1,175.00
	Arrowboard, Traffic Guide, LED	204C21	\$	1,610.00
	Barlight, Rear LED	203U22	\$	1,085.00
	Barlight, Rear W/Guard LED	203U21	\$	1,270.00
	Floodlight, LED (Must list location in Special Options)	203V45	\$	440.00
CAB LIGHTING OPTIONS				
	Strobe, Cab Cabover LED		\$	700.00
	Strobe, Cab Conventional LED	204B50	\$	700.00
	Strobe, Cab W/Guard Cabover LED	203Y95	\$	945.00
	Strobe, Cab W/Guard Conventional LED	204B51	\$	945.00
	Barlight, Cab Conventional LED 56"	204T22	\$	1,085.00
	Barlight, Cab W/Guard, Conventional, LED 16"	204B10	\$	1,270.00
	Barlight, Cab Cabover LED 16"		\$	1,085.00
	Barlight, Cab W/Guard, Cabover LED 16"		\$	1,270.00
Subtotal Lighting Options			\$	-
SPECIAL PAINT OPTIONS				
1	Paint, Standard	204F67	\$	-
	Paint, Special: Sweeper Unit Only	203N66	\$	1,520.00
	Paint, Special: Chassis Only	203N67	\$	4,795.00
	Special Paint Color: _____			
	Special Paint Code: _____			
1	Decal Kit	204E41	\$	-
Subtotal Special Paint			\$	-
CHASSIS MOUNTING OPTIONS				
	FL M2 33K, 184" 200HP DS 2500 '24 (includes Air Dryer, Air Seat & Air Horn)	69873	\$	91,930.00
	FL M2 33K, 164" 200HP DS 2500 '24 (includes Air Dryer, Air Seat & Air Horn)	69872	\$	94,340.00
	IH MV607 200HP Cummins Dual Steer '23	69733	\$	89,750.00
	Peterbilt 220 33K 220HP RH Steer '23 (includes Air Dryer & Air Seat)	Call Factory		
	Peterbilt 220 33K 220HP Dual Steer '23 (includes Air Dryer & Air Seat)	Call Factory		
	Conversion of Stock chassis to Zephyr	68929	\$	785.00

CUSTOMER SUPPLIED CHASSIS				
Customer Chassis Mounting Fee		00888162	\$	3,500.00
<i>Customer supplied chassis specs must be approved by Schwarze Product Management prior to quoting end user</i> <i>Final Chassis Specs must be submitted and signed off by Product Management at the time of submitting purchase order to Schwarze</i>				
CHASSIS DELIVERY DATE TO SCHWARZE		CHASSIS DEALER CONTACT NAME		
CHASSIS DEALERSHIP NAME		CHASSIS DEALER CONTACT NUMBER		
TRUCK KIT OPTIONS- MUST PICK 1				
IH 4300		203016	\$	-
Freightliner M2 164" Behind Cab Exhaust & 184" Behind Cab Exhaust 360 Nozzle		204Q18	\$	-
Freightliner M2 184" Under Step Exhaust		203Q13	\$	-
Autocar Xpert		204E37	\$	-
Peterbilt 220			\$	-
Kenworth K370		204L27	\$	-
M2 CHASSIS OPTIONS				
Mirror, 12" Parabolic, Set		203616	\$	560.00
Air Filter Restrict Ind Chassis		203465	\$	440.00
Tire & Rim, Spare M2		203468	\$	2,125.00
Block Heater		203469	\$	525.00
Rim, Spare M2		203620	\$	635.00
Magnet, Bar, 90" FL M2		204A38	\$	2,990.00
Magnet, Bar, 87" Self Dumping, FL M2		203X78	\$	6,955.00
Subtotal M2 Chassis Options			\$	-
IH CHASSIS OPTIONS				
Air Dryer, Bendix AD9*		203018	\$	1,905.00
Mirror, 12" Parabolic, Set		203616	\$	560.00
Air Filter Restrict Ind Chassis		203465	\$	440.00
Tire & Rim, Spare IH		203476	\$	2,125.00
Block Heater, IH 4300		203C83	\$	525.00
Tow Hooks, IH		203037	\$	410.00
Horn, Air IH		203C53	\$	1,175.00
Rim, Spare IH		203478	\$	355.00
Magnet, Bar, 90" IH		204A37	\$	2,990.00
Magnet, Bar, 87" Self Dumping, IH		204D68	\$	6,955.00
Subtotal IH Chassis Options			\$	-
CABOVER CHASSIS OPTIONS				
Mirror, 12" Parabolic, Set (Autocar Only)		203616	\$	560.00
Magnet, Bar, 90"			\$	2,990.00
Air Filter Restrict Ind Chassis		203465	\$	300.00
Tire & Rim, Spare		203X83	\$	2,125.00
Horn, Air			\$	1,175.00
Gauge, Transmission Temp		203467	\$	1,315.00
Gauge, Hour Meter (Right Hand Only Kenworth/Peterbilt)		66504	\$	1,190.00
Self Dumping Magnet Bar			\$	6,740.00
Subtotal Cabover Chassis Options			\$	-
QTY	SOR #	SPECIAL OPTIONS REQUEST	PART #	PRICE
Subtotal Special Options			\$	0.00

SWEEPER EXTENDED WARRANTIES**			
1	STANDARD- 1 Year or 1200 hours	STD	\$ -
	SILVER- 2 Years or 2400 Hours	SILVER	\$ 1,795.00
	GOLD- 3 Years or 3600 Hours	GOLD	\$ 4,450.00
	PLATINUM- 4 Years or 4800 Hours	PLATINUM	\$ 6,450.00
	DIAMOND- 5 Years or 6000 Hours	DIAMOND	\$ 8,195.00
Subtotal Sweeper Extend Warranties			\$ 0.00

***Chassis and auxiliary power are both separate, and need to be purchased through local dealer/distributors*

FREIGHT OPTIONS			
<i>LTL and Full Truck Rates are subject to truck availability. Step Deck rates are quoted based on dealer having an unloading dock. If Schwarze arranges for unloading on behalf of the dealer, dealer will be billed for additional unloading expense.</i>			
1	Dealer to arrange freight	DEALER	\$ 0.00
	Schwarze Arranged LTL Freight	LTL	
	Schwarze Arranged FULL TRUCK Freight	FULL	

Shipping Terms ~ Check 1		<input checked="" type="radio"/> FOB ~ Huntsville, AL	<input type="radio"/> ExWorks ~ Huntsville, AL
Payment Terms: Place X in Appropriate Box		SHIP TO: NAME (If different from sold to)	
<input type="checkbox"/> C.O.D			
<input type="checkbox"/> Net 10		Address:	
<input type="checkbox"/> Net 30		Contact Name:	
<input type="checkbox"/> Irrevocable Letter of Credit		Contact Phone:	
<input type="checkbox"/> Other			

A7 ZEPHYR PURCHASE ORDER

Buyer understands that this document is a binding purchase order and is a contract for the purchase of goods. This purchase order cannot be amended except in writing by both parties. Buyer agrees that by signing this Electronic Build Sheet and Purchase Order it has agreed to purchase the equipment and/or parts and attachments identified herein and has read and agreed to either: (i) Schwarze's terms and conditions in a validly executed dealer agreement if the Buyer is an authorized dealer or (ii) Schwarze's Standard Terms and Conditions of Sale located at www.schwarze.com/tc which are hereby incorporated by reference with the same force and effect as though fully set forth herein, if the Buyer is a direct customer.

Signature of Authorized Dealer Representative
Date

Submitting Purchase Order

Make note of the following: All prices are subject to change without notice and are subject to surcharges. All pricing is quoted and to be paid in U.S. funds. Payment required before release of MSO. Warranties on chassis and auxiliary engine (if required) are provided by their manufacturer and are not covered by Schwarze Industries, LLC. Dealers are responsible for reviewing, and verifying, all quotes prior to submission in regards to the customers' bid requirements. Write-in options are subject to final approval concerning both structure and price by Schwarze Industries, LLC management. This Electronic Build sheet (EBS) is a communication tool between Schwarze Industries, LLC and it's authorized dealer. This EBS is proprietary to Schwarze Industries, LLC and may not be modified or used for any other purpose without the written consent of Schwarze Industries, LLC.

A7 Zephyr CNG



ELECTRONIC BUILD SHEET AND PURCHASE ORDER

Purchase Order Number	Special Option Request

SOLD TO: Dealership Name "Buyer"		CUSTOMER NAME "Buyer"	
Address:		Address:	
Contact Name:		Contact Name:	
Contact Phone:		Contact Phone:	

A7 CNG ZEPHYR STANDARD EQUIPMENT	
SWEeper ENGINE	PICKUP HEAD
General Motors 350 cu in V8, 145 hp @3000 rpm	90" x 36" Sweeping Head with Rubber Blast Orifice
60 gallon DGE DOT approved CNG tanks	3/8" thick, 14" dia Pressure hose, 14" Suction Hose
3-point safety engine shutdown device	Sweeps-in-Reverse
Shared batteries with chassis	Doublewide full length carbide drag shoes Warranted against wear-out, two years/2000 hours, prorated.
65 amp alternator	DUST CONTROL SYSTEM
2 year warranty on Aux Engine	Electric diaphragm water pump
HYDRAULIC SYSTEM	60 PSI, 5.88 gpm
25 gallon vented hydraulic reservoir, w/shut-off valves	Water tank capacity 250 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:
9000 BTU oil to air radiator type oil cooler	Five at pickup head, two nozzles inside hopper
12-volt DC hydraulic backup system	Two at gutter broom, per option selected
DUST SEPERATOR	Two nozzles in suction tube, two at front axle
Centrifugal dust separator, 29000 cu in. with 1680 sq in door	An air purge system for flushing water lines
HOPPER	OPERATING CONTROLS
Mild Steel, 8.4 CuYd, 7 CuYd usable Capacity	Aux engine control & gauges on console:
Screens - 5615 square inches	Keyed ignition, electronic throttle, leaf bleeder,
Two piece saw-tooth design	Oil pressure gauge, water temperature gauge
Twin dumping cylinders, 51 degrees	Voltmeter, tachometer, and hour meter
Rear door hydraulically opened, closed and locked	All gauges to be lighted
Dual 20" X 32" inspection doors, 1 left, 1 right	All other STD sweeper function switches to be included for standard and options selected
External weatherproof dump switches	Swiveling console for left or right sweeping
Shroud enclosing the auxiliary engine	SAFETY EQUIPMENT
BLOWER	Two body props to lock hopper in raised position
Closed face turbine 10 curved blades, 32.75" dia. by 5" wide	Rear Amber LED Strobe With Guard
500 Brinell hardness abrasion resistant steel	2 rear yellow alternating LED flashing lights
Fully balanced within 1.5 grams on both sides	Slow moving vehicle emblem, backup alarm, 5-lb fire extinguisher, and a warning triangle kit
Vacuum enhancer, w/indicator in cab	
SWEeper WARRANTY	
12 Months 1200 Hours	

QTY	DESCRIPTION	PRICE
POWER MODULE OPTIONS		
		SIA7CNGRUN
1	145HP 5.7 Litre Aux Engine	\$ 200,970.00
Subtotal Auxiliary Engine Options		\$ 200,970.00
SWEEPING HEAD OPTIONS		
1	Mechanic-Pneumatic Broom Assist with Left Hand Side Blaster	203K90 \$ -
Subtotal Sweeping Head Options		\$ -
GUTTER BROOM OPTIONS		
	Gutter Broom, Dual	203W42 \$ 10,285.00
1	Gutter Broom, Tilt Standard Dual or	203C01 \$ -
	Gutter Broom, Tilt Power Dual	203C02 \$ 2,140.00
	Gutter Broom, GEO Dual	203M91 \$ 3,675.00
	Gutter Broom, RH	203X27 \$ 6,200.00
	Gutter Broom, Tilt Power RH	203C05 \$ 1,085.00
	Gutter Broom, GEO RH	203M89 \$ 1,895.00

	Gutter Broom, LH	203X28	\$	6,200.00
	Gutter Broom, GEO LH	203M90	\$	1,905.00
	Gutter Broom, Poly Segments, each	203662	\$	370.00
	Gutter Broom, In-Cab Down Pressure	204H70	\$	3,675.00
	Standby, Gutter Broom Only	203S68	\$	1,675.00
	Standby, Full w/Throttle Ramp	204B08	\$	2,140.00
	Variable Speed Gutter Broom, Single	203V59	\$	875.00
	Variable Speed Gutter Broom, Dual	203V60	\$	1,490.00
Subtotal Gutter Broom Options			\$	-
MISCELLANEOUS OPTIONS				
	Manual, Sweeper, Additional Copy (<i>Paper</i>)	203689	\$	200.00
	Automatic Lubrication System Vogel	203842	\$	10,380.00
	Auto Lube Sys. Vogel Sweeper Only	203G87	\$	5,480.00
	Auto Lube, NLG2 Sweeper Only	204Q70	\$	7,780.00
	10 Point Remote Grease Manifold	204N30	\$	1,380.00
	Remote Grease Fittings, Fan	203J02	\$	410.00
1	Camera System, Single	203X81	\$	-
	Camera System, Dual (<i>Must list location of 2nd camera in notes</i>)	203X82	\$	430.00
	Camera System, Three (<i>Must list location of 2nd & 3rd camera in notes</i>)	203Z99	\$	875.00
	Camera System, Four w/Split Screen (<i>Location of camera 2, 3, 4 in notes</i>)	204P54	\$	1,415.00
	Alarm, Smart Backup, 97db-107db	204P76	\$	275.00
	Leak Detection Kit	204R11	\$	585.00
	Basic Sweeper Only Wrap	SOR	\$	-
Subtotal Miscellaneous Options			\$	-
WATER SYSTEM OPTIONS				
1	Water Tank, Standard 250G or	203B97	\$	-
	Water Tank, W/ Add. 350G* (<i>requires special chassis</i>)		\$	5,370.00
	Water Tank Sight Gauge side of tank	203674	\$	320.00
	Water Tank Low Level Alarm & Ind.	203676	\$	440.00
	Spray Bar, Front	203680	\$	1,000.00
	Spray Bar, Hopper Add. 4 Nozzles	203681	\$	1,000.00
	Spray Bar, Hopper Add. 7 Nozzles	203939	\$	1,035.00
	High Pressure Washdown Wand W/ Pump		\$	4,725.00
	High Pressure Washdown W/ 50' Hose Reel		\$	6,460.00
	100 Gallon Rear Water Tank	204Q63	\$	4,820.00
	Pressure Side Water Injector	204P87	\$	675.00
Subtotal Water System Options			\$	-
HOPPER OPTIONS				
1	Hopper, Standard (8.4 CuYd)	204K31	\$	-
	Hopper, W/ Remote DD Screens	204K33	\$	2,775.00
	Auto Drop Down Screens	204H25	\$	1,110.00
1	Hopper Drain - None or	203G45	\$	-
	Hopper Drain 6" (SS)	203C35	\$	1,305.00
	Dual Hopper Drain, 6"	204K28	\$	2,065.00
	Hopper Sound Suppression	203640	\$	1,120.00
	Hopper Dump Assist Shaker	203639	\$	1,955.00
1	Hand Hose- None	203G46	\$	-
	Hand Hose, 8" Spring Boom (<i>Remote Engine Throttle Included</i>)	203066	\$	1,955.00
	Hand Hose, 8" Power Boom (<i>Remote Engine Throttle Included</i>)	204H90	\$	4,015.00
	Hand Hose, 8" Power Boom HD with Extend (<i>Remote Engine Throttle Included</i>)		\$	7,425.00
	Pendant Control for Power Boom	204J54	\$	440.00
	Hand Hose Extension 4FT Long Rear Mount - 4 Max (<i>not compatible w/ rear water-tank</i>)		\$	515.00
	Hand Hose Extension 4FT Long Front Bumper Mount - 2 Max		\$	515.00
	Hand Hose Water Nozzle	204K35	\$	410.00
	Rear Bumper - Stow & Go Tube Support	204W85	\$	410.00
1	Hopper Deluge- None	204H59	\$	-
	Hopper Deluge, Conical Spray	203B77	\$	1,315.00
	Hopper Deluge, 4 Nozzle, Conical Spray	204G28	\$	3,365.00
	Load Weight Alarm & Indicator	203532	\$	575.00

	Hopper Up Alarm & Indicator	203899	\$	560.00
	Aux. Engine Screen Cover	203X72	\$	995.00
	Hopper Door Open Indicator	203G23	\$	440.00
	Hopper Dump Switches Exterior Right Side	203C79	\$	700.00
	Hopper, High Strength Stainless Steel ~LIFETIME WARRANTY~	204V33	\$	9,180.00
	Hopper, 304 Stainless Steel ~LIFETIME WARRANTY~		\$	27,600.00
	Hopper W/ Remote DD Screens (304 SS) ~LIFETIME WARRANTY~		\$	30,370.00
Subtotal Hopper Options			\$	-
CNG AUXILIARY ENGINE OPTIONS				
	Block Heater, Aux Engine	204C20	\$	505.00
	Hydraulic Filter Restriction Alarm & Ind	204M04	\$	440.00
	Low Hydraulic Level Indicator (In-Cab)	203067	\$	410.00
	Alternator, 100 AMP, Aux Engine	203527	\$	440.00
	Engine Remote Throttle	203627	\$	-
	Air Filter Restriction Indicator (In-Cab)	203526	\$	440.00
Subtotal Auxiliary Engine Options			\$	-
REAR LIGHTING OPTIONS				
1	Strobe, Rear W/Guard LED (Std) 1 ea or	203Y67	\$	-
	Strobe, Rear LED 1 each or	202271	\$	-
	Strobe, Dual Rear LED	203Z73	\$	700.00
	Strobe, Dual Rear W/Guard LED	203Z74	\$	1,000.00
	Arrowboard, Traffic Guide	203685	\$	1,175.00
	Arrowboard, Traffic Guide, LED	204C21	\$	1,610.00
	Barlight, Rear LED 56"	203U22	\$	1,085.00
	Barlight, Rear W/Guard LED 16"	203U21	\$	1,270.00
	Floodlight, LED (Must list location in Special Options)	203V45	\$	440.00
CAB LIGHTING OPTIONS				
	Strobe, Cab Cabover LED		\$	700.00
	Strobe, Cab Conventional LED	204B50	\$	700.00
	Strobe, Cab W/Guard Cabover LED	203Y95	\$	945.00
	Strobe, Cab W/Guard Conventional LED	204B51	\$	945.00
	Barlight, Cab Conventional LED	204T22	\$	1,085.00
	Barlight, Cab W/Guard, Conventional, LED	204B10	\$	1,270.00
	Barlight, Cab Cabover LED		\$	1,085.00
	Barlight, Cab W/Guard, Cabover LED		\$	1,270.00
Subtotal Lighting Options			\$	-
SPECIAL PAINT OPTIONS				
1	Paint, Standard		\$	-
	Paint, Special: Sweeper Unit Only	203700	\$	1,520.00
	Paint, Special: Chassis Only	203701	\$	4,795.00
	Special Paint Color: _____			
	Special Paint Code: _____			
1	Decal Kit	204E41	\$	-
Subtotal Special Paint			\$	-
CHASSIS MOUNTING OPTIONS				
	FL M2 CNG 33K 300HP DS 3000 '24 (Includes Air Dryer, Air Seat & Air Horn)	Call Factory		
	Autocar Expert 33K 2500 CNG '23	Call Factory		
	Conversion of Stock Chassis to Zephyr	68929	\$	785.00
	Special Order Chassis			
CUSTOMER SUPPLIED CHASSIS				
	Customer Chassis Mounting Fee	00888162	\$	3,500.00
<i>Customer supplied chassis specs must be approved by Schwarze Product Management prior to quoting end user</i>				
<i>Final Chassis Specs must be submitted and signed off by Product Management at the time of submitting purchase order to Schwarze</i>				
CHASSIS DELIVERY DATE TO SCHWARZE			CHASSIS DEALER CONTACT NAME	
CHASSIS DEALERSHIP NAME			CHASSIS DEALER CONTACT NUMBER	

TRUCK KIT OPTIONS- MUST PICK 1				
	Freightliner M2		203M06	\$ -
	Autocar Xpert		204E37	\$ -
M2 CHASSIS OPTIONS				
	Mirror, 12" Parabolic, Set		203616	\$ 560.00
	Air Filter Restrict Ind Chassis		203465	\$ 440.00
	Tire & Rim, Spare M2		203468	\$ 2,125.00
	Block Heater		203469	\$ 525.00
	Rim, Spare M2		203620	\$ 635.00
	Magnet, Bar, 90" FL M2		204A38	\$ 2,990.00
	Magnet, Bar, 87" Self Dumping, FL M2		203X78	\$ 6,955.00
Subtotal M2 Chassis Options				\$ -
CABOVER CHASSIS OPTIONS				
	Mirror, 12" Parabolic, Set		203616	\$ 560.00
	Magnet, Bar, 90"			\$ 2,990.00
	Air Filter Restrict Ind Chassis		203465	\$ 300.00
	Tire & Rim, Spare		203X83	\$ 2,125.00
	Horn, Air			\$ 1,175.00
	Gauge, Transmission Temp		203467	\$ 365.00
Subtotal Cabover Chassis Options				\$ -
QTY	SOR #	SPECIAL OPTIONS REQUEST	PART #	PRICE
Subtotal Special Options				\$ -
SWEEPER EXTENDED WARRANTIES**				
1	STANDARD- 1 Year or 1200 hours		STD	\$ -
	SILVER- 2 Years or 2400 Hours		SILVER	\$ 1,895.00
	GOLD- 3 Years or 3600 Hours		GOLD	\$ 4,650.00
	PLATINUM- 4 Years or 4800 Hours		PLATINUM	\$ 6,750.00
	DIAMOND- 5 Years or 6000 Hours		DIAMOND	\$ 8,695.00
Subtotal Sweeper Extend Warranties				\$ -
<i>**Chassis and auxiliary power are both separate, and need to be purchased through local dealer/distributors</i>				

FREIGHT OPTIONS

LTL and Full Truck Rates are subject to truck availability. Step Deck rates are quoted based on dealer having an unloading dock. If Schwarze arranges for unloading on behalf of the dealer, dealer will be billed for additional unloading expense.

1	Dealer to arrange freight	DEALER	\$	-
	Schwarze Arranged LTL Freight	LTL		
	Schwarze Arranged FULL TRUCK Freight	FULL		

Shipping Terms ~ Check 1 FOB ~ Huntsville, AL ExWorks ~ Huntsville, AL

Payment Terms: Place X in Appropriate Box		SHIP TO: NAME (If different from sold to)	
<input type="checkbox"/> C.O.D			
<input type="checkbox"/> Net 10		Address:	
<input type="checkbox"/> Net 30		Contact Name:	
<input type="checkbox"/> Irrevocable Letter of Credit		Contact Phone:	
<input type="checkbox"/> Other			

A7 ZEPHYR PURCHASE ORDER

Buyer understands that this document is a binding purchase order and is a contract for the purchase of goods. This purchase order cannot be amended except in writing by both parties. Buyer agrees that by signing this Electronic Build Sheet and Purchase Order it has agreed to purchase the equipment and/or parts and attachments identified herein and has read and agreed to either: (i) Schwarze's terms and conditions in a validly executed dealer agreement if the Buyer is an authorized dealer or (ii) Schwarze's Standard Terms and Conditions of Sale located at www.schwarze.com/tc which are hereby incorporated by reference with the same force and effect as though fully set forth herein, if the Buyer is a direct customer.

Signature of Authorized Dealer Representative
 Submitting Purchase Order

Date

Make note of the following: All prices are subject to change without notice and are subject to surcharges. All pricing is quoted and to be paid in U.S. funds. Payment required before release of MSO. Warranties on chassis and auxiliary engine (if required) are provided by their manufacturer and are not covered by Schwarze Industries, LLC. Dealers are responsible for reviewing, and verifying, all quotes prior to submission in regards to the customers' bid requirements. Write-in options are subject to final approval concerning both structure and price by Schwarze Industries, LLC management. This Electronic Build sheet (EBS) is a communication tool between Schwarze Industries, LLC and its authorized dealer. This EBS is proprietary to Schwarze Industries, LLC and may not be modified or used for any other purpose without the written consent of Schwarze Industries, LLC.

A8 Twister TIER IV



ELECTRONIC BUILD SHEET AND PURCHASE ORDER

Purchase Order Number	Special Option Request

SOLD TO: Dealership Name "Buyer"		CUSTOMER NAME "Buyer"	
Address:		Address:	
Contact Name:		Contact Name:	
Contact Phone:		Contact Phone:	

A8SE TWISTER STANDARD EQUIPMENT (with power module selection)	
SWEEPER ENGINE	PICKUP HEAD
John Deere 4045 Tier 4 engine	90" x 36" Sweeping Head with Rubber Blast Orifice
Fuel water separator	3/8" thick, 14" dia Pressure hose, 14" 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.
90 amp alternator	
2 year warranty on Aux Engine	DUST CONTROL SYSTEM
HYDRAULIC SYSTEM	Twin Electric diaphragm water pumps with inlet restriction indicator
25 gallon vented hydraulic reservoir, w/shut-off valves	60 PSI, 6 gpm Each pump
Tank mounted level and temperature indicator	Water tank capacity 250 gallons, polyethylene
Hydraulic pressure, 2500 psi	25-foot long fire hydrant fill hose
Spin-on 10 micron return filter	50 mesh cleanable filter, with shut off valve
9000 BTU oil to air radiator type oil cooler	Water spray nozzles shall be provided as follows:
12-volt DC hydraulic backup system	Five at pickup head, two nozzles inside hopper
DUST SEPERATOR	Two at gutter broom, per option selected
Centrifugal dust separator, 29000 cu in. with 1680 sq in door	Two nozzles in suction tube, two at front axle
HOPPER	An air purge system for flushing water lines
High strength stainless steel . 6 yd volumetric 5 yd useable	OPERATING CONTROLS AND INSTRUMENTS
Variable height dump 2' to 12' scissors lift	Aux engine control with full color display on console:
Screens - 3950 square inches, saw tooth design	Keyed ignition, electronic throttle, leaf bleeder,
Twin dumping cylinders, 53 degrees	Oil pressure gauge, water temperature gauge
Door hydraulically opened, closed and locked	Voltmeter, tachometer, and hour meter
15" X 27" inspection doors	Diagnostic gauge for Aux Engine, overweight warning
Shroud enclosing the auxiliary engine	Selectable sweep or lift in reverse, system standby, in-cab tilt, variable speed brooms. All other STD sweeper function switches included for standard and options selected
BLOWER	Swiveling console for left or right sweeping
Closed face turbine 10 curved blades, 32.75" dia. by 5" wide	SAFETY EQUIPMENT
500 Brinell hardness abrasion resistant steel	Two body props to lock hopper in raised position
Fully balanced within 1.5 grams on both sides	Rear Amber LED Strobe With Guard
Vacuum enhancer, w/indicator in cab	2 rear yellow alternating LED flashing lights
Remote grease line for fan bearing	Slow moving vehicle emblem, backup alarm,
SWEEPER WARRANTY	5-lb fire extinguisher, and a warning triangle kit.
12 Months 1200 Hours	

QTY	DESCRIPTION	PRICE
POWER MODULE OPTIONS		
SI A8T		
	134HP John Deere Tier IVF	\$ 273,530.00
	130HP Cummins Tier IVF	\$ 273,530.00
Subtotal Auxiliary Engine Options		\$ -
SWEEPING HEAD OPTIONS		
1	Standard w/rubber blast orifice	204K39 \$ -
	Sweep Head Deluge	204K87 \$ 560.00
	Broom in Head	\$ 5,645.00
Subtotal Sweeping Head Options		\$ -

GUTTER BROOM OPTIONS			
	Gutter Broom, Dual W/Power Tilt	203W42	\$ 10,285.00
	Gutter Broom, GEO Dual	203M91	\$ 3,675.00
	Gutter Broom, RH W/Power Tilt	203X27	\$ 6,200.00
	Gutter Broom, GEO RH	203M89	\$ 1,895.00
	Gutter Broom, GEO LH	203M90	\$ 1,905.00
	Gutter Broom, Poly Segments, each	203662	\$ 320.00
	Gutter Broom, In-Cab Down Pressure	204H70	\$ 3,675.00
1	Standby, Full w/Throttle Ramp	204B08	\$ -
1	Variable Speed Gutter Broom(S)	203V60	\$ -
Subtotal Gutter Broom Options			\$ -
MISCELLANEOUS OPTIONS			
	Manual, Sweeper, Additional Copy (Paper)	203689	\$ 200.00
	Automatic Lubrication System Vogel	203842	\$ 10,065.00
	Auto Lube Sys. Vogel Sweeper Only	203G87	\$ 5,480.00
	NGL2 Automatic Lubrication System Vogel	204Q71	\$ 8,315.00
	NGL2 Auto Lube Sys. Vogel Sweeper Only	204Q72	\$ 5,180.00
1	Remote Grease Fittings, Fan	203J02	\$ -
1	Camera System, Single	203X81	\$ -
	Camera System, Dual <i>(Must list location of 2nd camera in Special Options)</i>	203X82	\$ 430.00
	Camera System, Three <i>(Must list location of 2nd & 3rd camera in Special Options)</i>	203Z99	\$ 875.00
	Camera System, Four w/Split Screen <i>(Location of camera 2, 3, 4 in Special Options)</i>	204P54	\$ 1,415.00
	Leak Detection Kit	204R11	\$ 585.00
	Remote Grease Manifold 10 PT		\$ 1,315.00
	Basic Sweeper Only Wrap	SOR	\$ -
Subtotal Miscellaneous Options			\$ -
WATER SYSTEM OPTIONS			
1	Water Tank, Standard 250G or	203B97	\$ -
	Water Tank, W/ Add. 350G <i>(Custom Chassis, 24" longer Wheelbase Required)</i>	SOR	\$ 5,370.00
	Water Tank Sight Gauge side of tank	203674	\$ 320.00
1	Water Tank Low Level Alarm & Ind.	203676	\$ -
	Spray Bar, Front	203680	\$ 1,000.00
	Spray Bar, Hopper Add. 4 Nozzles	203681	\$ 1,000.00
	High Pressure Washdown Wand W/ Pump	204M93	\$ 4,725.00
	High Pressure Washdown W/ 50' Hose Reel	204N01	\$ 6,460.00
	Pressure Side Water Injector		\$ 675.00
	Water Fill Inline Y Strainer		\$ 475.00
Subtotal Water System Options			\$ -
HOPPER OPTIONS			
1	Hopper, Standard SS ~LIFETIME WARRANTY~	204K17	\$ -
1	Hopper Drain - None or		\$ -
1	Hand Hose- None		\$ -
	Hand Hose Power Boom HD W/ Power Extend <i>(Remote Engine Throttle Included)</i>	204Y70	\$ 7,425.00
	Hand Hose, 8" Power Boom <i>(Remote Engine Throttle Included)</i>	204J65	\$ 3,965.00
	Pendant Control for Power Boom	204N45	\$ 430.00
	Hand Hose Extension 4FT Long Front Bumper Mount - 2 Max		\$ 515.00
1	Hopper Deluge- None		\$ -
	Hopper Deluge, Conical Spray	204K00	\$ 1,270.00
1	Hopper Vibrator	204J91	\$ -
	Hopper Drain 6"	204J97	\$ 1,270.00
	Hopper screen vibrator	204P47	\$ 1,295.00
	Rear Stow & Go - Rear Tube holder		\$ 410.00
Subtotal Hopper Options			\$ -

AUXILIARY ENGINE OPTIONS			
	Block Heater, Aux Engine	203060	\$ 505.00
	Hydraulic Filter Restriction Alarm & Ind	204M04	\$ 440.00
1	Low Hydraulic Level Indicator In-Cab		\$ -
	Air Filter Restriction Indicator (<i>In-Cab</i>)	203064	\$ 435.00
Subtotal Auxiliary Engine Options			\$ -
REAR LIGHTING OPTIONS			
1	Strobe, hopper three corner (Std)		\$ -
	Floodlight, LED *** (<i>Must list location in Special Options</i>)	203V45	\$ 440.00
	Barlight, Rear LED (<i>Not compatible with arrowboard</i>)	204N51	\$ 1,085.00
	Arrowboard, Traffic Guide (<i>Not compatible with rear LED Barlight</i>)	204J99	\$ 1,610.00
CAB LIGHTING OPTIONS			
	Strobe, Front of sweeper above cab LED	204L36	\$ 535.00
	Twin Strobe, Front of sweeper above cab LED		\$ 1,070.00
	Strobe, Cab Cabover LED		\$ 700.00
	Strobe, Cab Conventional LED	204B50	\$ 700.00
	Strobe, Cab W/Guard Cabover LED		\$ 945.00
	Strobe, Cab W/Guard Conventional LED	204T22	\$ 945.00
	Barlight, Cab LED 56"	204B34	\$ 1,085.00
	Barlight, Cab W/Guard LED 18"	204B10	\$ 1,270.00
	Barlight, Cab Cabover LED 18"		\$ 1,085.00
	Barlight, Cab W/Guard, Cabover LED 18"		\$ 1,270.00
Subtotal Lighting Options			\$ -
SPECIAL PAINT OPTIONS			
1	Paint, Standard	204F67	\$ -
	Paint, Special: Sweeper Unit Only	203N66	\$ 1,480.00
	Paint, Special: Chassis Only	203N67	\$ 4,655.00
	Special Paint Color: _____		
	Special Paint Code: _____		
1	Decal Kit	204E41	\$ -
Subtotal Special Paint			\$ -
CHASSIS MOUNTING OPTIONS			
	FL M2 33K, 184" 200HP DS 2500 '24 (<i>includes Air Dryer, Air Seat & Air Horn</i>)	69873	\$ 91,930.00
	IH MV607 200HP Cummins Dual Steer '23	69733	\$ 89,750.00
	Peterbilt 220 33K 220HP RH Steer '23 (<i>includes Air Dryer & Air Seat</i>)	Call Factory	\$ -
	Peterbilt 220 33K 220HP Dual Steer '23 (<i>includes Air Dryer & Air Seat</i>)	Call Factory	\$ -
CUSTOMER SUPPLIED CHASSIS			
	Customer Chassis Mounting Fee	00888162	\$ 3,500.00
<i>Customer supplied chassis specs must be approved by Schwarze Product Management prior to quoting end user</i>			
<i>Final Chassis Specs must be submitted and signed off by Product Management at the time of submitting purchase order to Schwarze</i>			
CHASSIS DELIVERY DATE TO SCHWARZE		CHASSIS DEALER CONTACT NAME	
CHASSIS DEALERSHIP NAME		CHASSIS DEALER CONTACT NUMBER	
TRUCK KIT OPTIONS- MUST PICK 1			
	International MV (187") ~ Under Cab Exhaust	204B17	\$ -
	Freightliner M2	204K90	\$ -
	Peterbilt 220	204P78	\$ -

M2 CHASSIS OPTIONS				
	Mirror, 12" Parabolic, Set	203616	\$	560.00
	Air Filter Restrict Ind Chassis	203465	\$	440.00
	Tire & Rim, Spare M2	203468	\$	2,125.00
	Block Heater	203469	\$	525.00
	Rim, Spare M2	203620	\$	635.00
	Magnet, Bar, 90" FL M2	204A38	\$	2,990.00
	Magnet, Bar, 87" Self Dumping, FL M2	203X78	\$	6,955.00
Subtotal M2 Chassis Options			\$	-
IH CHASSIS OPTIONS				
	Air Dryer, Bendix AD9	203018	\$	1,905.00
	Mirror, 12" Parabolic, Set	203616	\$	560.00
	Air Filter Restrict Ind Chassis	203465	\$	440.00
	Tire & Rim, Spare IH	203476	\$	2,125.00
	Horn, Air		\$	1,175.00
	Block Heater, IH 4300	203C83	\$	525.00
	Tow Hooks, IH	203037	\$	410.00
	Rim, Spare IH	203478	\$	355.00
	Magnet, Bar, 90" IH	204A37	\$	2,990.00
	Magnet, Bar, 87" Self Dumping, IH	204D68	\$	6,955.00
Subtotal IH Chassis Options			\$	-
CABOVER CHASSIS OPTIONS				
	Mirror, 12" Parabolic, Set <i>(Autocar Only)</i>	203616	\$	560.00
	Magnet, Bar, 90"		\$	2,990.00
	Air Filter Restrict Ind Chassis	203465	\$	300.00
	Tire & Rim, Spare	203X83	\$	2,125.00
	Horn, Air		\$	1,175.00
	Gauge, Transmission Temp	203467	\$	1,315.00
	Gauge, Hour Meter <i>(Right Hand Only Kenworth/Peterbilt)</i>	66504	\$	1,190.00
	Self Dumping Magnet		\$	6,740.00
Subtotal Cabover Chassis Options			\$	-
QTY	SOR #	SPECIAL OPTIONS REQUEST	PART#	PRICE
Subtotal Special Options			\$	-
SWEEPER EXTENDED WARRANTIES**				
1	STANDARD- 1 Year or 1200 hours	STD	\$	-
	SILVER- 2 Years or 2400 Hours	SILVER	\$	2,275.00
	GOLD- 3 Years or 3600 Hours	GOLD	\$	5,650.00
	PLATINUM- 4 Years or 4800 Hours	PLATINUM	\$	7,925.00
	DIAMOND- 5 Years or 6000 Hours	DIAMOND	\$	9,995.00
Subtotal Sweeper Extend Warranties			\$	-
<i>**Chassis and auxiliary power are both separate, and need to be purchased through local dealer/distributors</i>				

FREIGHT OPTIONS

LTL and Full Truck Rates are subject to truck availability. Step Deck rates are quoted based on dealer having an unloading dock. If Schwarze arranges for unloading on behalf of the dealer, dealer will be billed for additional unloading expense.

1	Dealer to arrange freight	DEALER	\$	-
	Schwarze Arranged LTL Freight	LTL		
	Schwarze Arranged FULL TRUCK Freight	FULL		

Shipping Terms ~ Check 1

FOB ~ Huntsville, AL ExWorks ~ Huntsville, AL

Payment Terms: Place X in Appropriate Box		SHIP TO: NAME (If different from sold to)	
<input type="checkbox"/>	C.O.D		
<input type="checkbox"/>	Net 10		
<input type="checkbox"/>	Net 30	Address:	
<input type="checkbox"/>	Irrevocable Letter of Credit	Contact Name:	
<input type="checkbox"/>	Other	Contact Phone:	

A8 TWISTER PURCHASE ORDER

Buyer understands that this document is a binding purchase order and is a contract for the purchase of goods. This purchase order cannot be amended except in writing by both parties. Buyer agrees that by signing this Electronic Build Sheet and Purchase Order it has agreed to purchase the equipment and/or parts and attachments identified herein and has read and agreed to either: (i) Schwarze's terms and conditions in a validly executed dealer agreement if the Buyer is an authorized dealer or (ii) Schwarze's Standard Terms and Conditions of Sale located at www.schwarze.com/tc which are hereby incorporated by reference with the same force and effect as though fully set forth herein, if the Buyer is a direct customer.

Signature of Authorized Dealer Representative
 Submitting Purchase Order

Date

Make note of the following: All prices are subject to change without notice and are subject to surcharges. All pricing is quoted and to be paid in U.S. funds. Payment required before release of MSO. Warranties on chassis and auxiliary engine (if required) are provided by their manufacturer and are not covered by Schwarze Industries, LLC. Dealers are responsible for reviewing, and verifying, all quotes prior to submission in regards to the customers' bid requirements. Write-in options are subject to final approval concerning both structure and price by Schwarze Industries, LLC management. This Electronic Build sheet (EBS) is a communication tool between Schwarze Industries, LLC and it's authorized dealer. This EBS is proprietary to Schwarze Industries, LLC and may not be modified or used for any other purpose without the written consent of Schwarze Industries, LLC.

A8 Twister SE



ELECTRONIC BUILD SHEET AND PURCHASE ORDER

M2 106 Freightliner with sweeper body

Purchase Order Number	Special Option Request

SOLD TO: Dealership Name "Buyer"		CUSTOMER NAME "Buyer"	
Address:		Address:	
Contact Name:		Contact Name:	
Contact Phone:		Contact Phone:	
A8SE TWISTER STANDARD EQUIPMENT			
SWEEPER ENGINE		PICKUP HEAD	
Cummins ISB 6.7, 240 hp, 540 lb-ft torque		90" x 36" Sweeping Head with Rubber Blast Orifice	
High capacity dry type air filter with restriction indicator		3/8" thick, 14" dia Pressure hose, 14" Suction Hose	
GHG 2021 emissions		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.	
160 amp alternator		DUST CONTROL SYSTEM	
Fuel water separator		Twin Electric diaphragm water pumps with inlet restriction indicator	
Safety shutdown system		60 PSI, 6 gpm Each pump	
Electronic throttle		Water tank capacity 470 gallons, polyethylene	
HYDRAULIC SYSTEM		25-foot long fire hydrant fill hose	
25 gallon vented hydraulic reservoir, w/shut-off valves		50 mesh cleanable filter, with shut off valve	
Tank mounted level and temperature indicator		Water spray nozzles shall be provided as follows:	
Hydraulic pressure, 3200 psi		Five at pickup head, two nozzles inside hopper	
In tank 10 micron return filter		Two at gutter broom, per option selected	
9000 BTU oil to air radiator type oil cooler		Two nozzles in suction tube, two at front axle	
12-volt DC hydraulic backup system		An air purge system for flushing water lines	
DUST SEPERATOR		OPERATING CONTROLS	
Centrifugal dust separator, 29000 cu in. with 1680 sq in door		Sweeper power control, with auto throttle standby	
HOPPER		Broom deploy, tilt and speed	
High strength stainless steel . 6 yd volumetric 5 yd useable		Head up/down or leaf bump, sweep in reverse	
Variable height dump 2' to 12' scissors lift		Dust control water by zone	
Screens - 3950 square inches, saw tooth design		Sweeper lighting	
Twin dumping cylinders, 53 degrees		Sweeps in reverse	
Door hydraulically opened, closed and locked		Hopper dump - in cab	
15" X 27" inspection door		INSTRUMENTS	
Shroud enclosing the water tank and		Full color hi-res display with the following:	
Hopper vibrator for dumping assistance		Water level, broom speed, hopper load, vacuum enhancer position	
BLOWER		Sweeper and drive system diagnostics	
Closed face turbine 10 curved blades, 32.75" dia. by 5" wide		Hopper tilted and door open indicator, hyd temp	
500 Brinell hardness abrasion resistant steel		Swiveling console for left or right sweeping	
Fully balanced within 1.5 grams on both sides		Hyd. temp. & filter restriction	
Vacuum enhancer, w/indicator in cab		Sweep power setting	
Remote grease line for fan bearing		SAFETY EQUIPMENT	
COMPONENT WARRANTIES (by respective manufacturer)		Two body props to lock hopper in raised position	
Sweeper 12 Months, 1200 Hours		Rear Amber LED Strobe With Guard	
VPD Device 36 months, unlimited hours		2 rear yellow alternating LED flashing lights	
Chassis sweeper engine 24 Months		Slow moving vehicle emblem, backup alarm	
Sweeper hydraulic pumps and fittings 5 years		5-lb fire extinguisher, and a warning triangle kit	
Sweeper hydraulic motors and valves 2 years		Rear view camera	

QTY	DESCRIPTION	PRICE
POWER MODULE OPTIONS		SIA8SE
1	M2 240hp VPD sweeper drive	\$ 276,255.00
Subtotal Auxiliary Engine Options		\$ 276,255.00
SWEEPING HEAD OPTIONS		
	Sweep Head Deluge	\$ 540.00
	Broom in Head	\$ 5,595.00
Subtotal Sweeping Head Options		\$ -
GUTTER BROOM OPTIONS		
	Gutter Broom, Dual W/Power Tilt	\$ 10,175.00
	Gutter Broom, GEO Dual	\$ 3,635.00
	Gutter Broom, RH W/Power Tilt	\$ 6,135.00
	Gutter Broom, GEO RH	\$ 1,890.00
	Gutter Broom, GEO LH	\$ 1,890.00
	Gutter Broom, Poly Segments, each	\$ 315.00
	Gutter Broom, In-Cab Down Pressure (single or dual broom)	206C16 \$ 3,635.00
Subtotal Gutter Broom Options		\$ -
MISCELLANEOUS OPTIONS		
	Manual, Sweeper, Additional Copy (Paper)	\$ 195.00
	Automatic Lubrication System Vogel	\$ 9,960.00
	Auto Lube Sys. Vogel Sweeper Only	\$ 5,420.00
	NGL2 Automatic Lubrication System Vogel	\$ 8,225.00
	NGL2 Auto Lube Sys. Vogel Sweeper Only	\$ 5,120.00
1	Camera System, Single	\$ -
	Camera System, Dual (Must list location of 2nd camera in Special Options)	\$ 425.00
	Camera System, Three (Must list location of 2nd & 3rd camera in Special Options)	\$ 860.00
	Camera System, Four w/Split Screen (Location of camera 2, 3, 4 in Special Options)	\$ 1,400.00
	Leak Detection Kit	\$ 580.00
1	14 Point Standard Remote Grease Manifold	\$ 1,315.00
	Basic Sweeper Only Wrap	SOR \$ -
Subtotal Miscellaneous Options		\$ 1,315.00
WATER SYSTEM OPTIONS		
	Spray Bar, Front	\$ 985.00
	Spray Bar, Hopper Add. 4 Nozzles	\$ 985.00
	High Pressure Washdown Wand W/ Pump	\$ 4,675.00
	High Pressure Washdown W/ 50' Hose Reel	\$ 6,385.00
	Pressure Side Water Injector	\$ 665.00
1	Water Tank, Standard 470G	\$ -
	Water Fill Inline Y Strainer	\$ 475.00
Subtotal Water System Options		\$ -
HOPPER OPTIONS		
	Hopper Drain	\$ 985.00
	Hand Hose Power Boom HD W/ Power Extend (Remote Engine Throttle Included)	\$ 7,425.00
	Hand Hose, 8" Power Boom (Remote Engine Throttle Included)	\$ 3,925.00
	Pendant Control for Power Boom	\$ 425.00
	Hand Hose Extension 4FT Long Front Bumper Mount - 2 Max	\$ 510.00
	Hopper Deluge, Conical Spray	\$ 1,260.00
	Hopper Drain 6"	\$ 1,260.00
	Hopper screen vibrator	\$ 1,270.00
	Rear Bumper Stow & Go - Rear Tube Holder	\$ 410.00
Subtotal Hopper Options		\$ -
REAR LIGHTING OPTIONS		
	Floodlight, LED ***	\$ 435.00
	Barlight, Rear LED (Not compatible with arrow board)	\$ 1,070.00
	Arrowboard, Traffic Guide (Not compatible with rear LED Barlight)	\$ 1,590.00

CAB LIGHTING OPTIONS				
	Strobe, Front of sweeper above cab LED		\$	530.00
	Twin Strobe, Front of sweeper above cab LED		\$	1,055.00
	Strobe, Cab Cabover LED		\$	685.00
	Strobe, Cab Conventional LED		\$	685.00
	Strobe, Cab W/Guard Cabover LED		\$	935.00
	Strobe, Cab W/Guard Conventional LED		\$	935.00
	Barlight, Cab LED 56"		\$	1,070.00
	Barlight, Cab W/Guard LED 18"		\$	1,260.00
	Barlight, Cab Cabover LED 18"		\$	1,070.00
	Barlight, Cab W/Guard, Cabover LED 18"		\$	1,260.00
Subtotal Lighting Options			\$	-
SPECIAL PAINT OPTIONS				
1	Paint, Standard		\$	-
	Paint, Special: Sweeper Unit Only		\$	1,465.00
	Paint, Special: Chassis Only		\$	4,600.00
	Special Paint Color: _____			
	Special Paint Code: _____			
1	Decal Kit	204E41	\$	-
Subtotal Special Paint			\$	-
CHASSIS MOUNTING OPTIONS				
	FL M2 Standard 184" Single Engine '24	69871	\$	106,775.00
M2 CHASSIS OPTIONS				
	Mirror, 12" Parabolic, Set		\$	540.00
	Air Filter Restrict Ind Chassis		\$	435.00
	Tire & Rim, Spare M2		\$	2,105.00
	Block Heater		\$	520.00
	Horn, Air M2		\$	255.00
	Rim, Spare M2		\$	630.00
	Magnet, Bar, 90" FL M2		\$	2,955.00
	Magnet, Bar, 87" Self Dumping, FL M2		\$	6,885.00
Subtotal M2 Chassis Options			\$	-
QTY	SOR #	SPECIAL OPTIONS REQUEST	PART#	PRICE
Subtotal Special Options			\$	-
SWEEPER EXTENDED WARRANTIES				
1	STANDARD- 1 Year or 1200 hours	STD	\$	-
	SILVER- 2 Years or 2400 Hours	SILVER	\$	2,275.00
	GOLD- 3 Years or 3600 Hours	GOLD	\$	5,650.00
	PLATINUM- 4 Years or 4800 Hours	PLATINUM	\$	7,925.00
	DIAMOND- 5 Years or 6000 Hours	DIAMOND	\$	9,995.00
Subtotal Sweeper Extend Warranties			\$	-
<i>**Chassis and auxiliary power are both separate, and need to be purchased through local dealer/distributors/manufacture</i>				

FREIGHT OPTIONS

LTL and Full Truck Rates are subject to truck availability. Step Deck Rates are quoted based on dealer having an unloading dock. If Schwarze arranges for unloading on behalf of the dealer, dealer will be billed for additional unloading expense.

1	Dealer to arrange freight	DEALER	\$	-
	Schwarze Arranged LTL Freight	LTL		
	Schwarze Arranged FULL TRUCK Freight	FULL		

Shipping Terms ~ Check 1		<input checked="" type="radio"/> FOB ~ Huntsville, AL <input type="radio"/> ExWorks ~ Huntsville, AL
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Payment Terms: Place X in Appropriate Box		SHIP TO: NAME (If different from sold to)	
<input type="checkbox"/>	C.O.D		
<input type="checkbox"/>	Net 10	Address:	
<input type="checkbox"/>	Net 30		
<input type="checkbox"/>	Irrevocable Letter of Credit	Contact Name:	
<input type="checkbox"/>	Other	Contact Phone:	

A8 TWISTER SE PURCHASE ORDER

Buyer understands that this document is a binding purchase order and is a contract for the purchase of goods. This purchase order cannot be amended except in writing by both parties. Buyer agrees that by signing this Electronic Build Sheet and Purchase Order it has agreed to purchase the equipment and/or parts and attachments identified herein and has read and agreed to either: (i) Schwarze's terms and conditions in a validly executed dealer agreement if the Buyer is an authorized dealer or (ii) Schwarze's Standard Terms and Conditions of Sale located at www.schwarze.com/tc which are hereby incorporated by reference with the same force and effect as though fully set forth herein, if the Buyer is a direct customer.

Signature of Authorized Dealer Representative
 Submitting Purchase Order

Date

Make note of the following: All prices are subject to change without notice and are subject to surcharges. All pricing is quoted and to be paid in U.S. funds. Payment required before release of MSO. Warranties on chassis and auxiliary engine (if required) are provided by their manufacturer and are not covered by Schwarze Industries, LLC. Dealers are responsible for reviewing, and verifying, all quotes prior to submission in regards to the customers' bid requirements. Write-in options are subject to final approval concerning both structure and price by Schwarze Industries, LLC management. This Electronic Build sheet (EBS) is a communication tool between Schwarze Industries, LLC and it's authorized dealer. This EBS is proprietary to Schwarze Industries, LLC and may not be modified or used for any other purpose without the written consent of Schwarze Industries, LLC.

A9 Monsoon TIER IV



ELECTRONIC BUILD SHEET AND PURCHASE ORDER

Purchase Order Number	Special Option Request

SOLD TO: Dealership Name "Buyer"		CUSTOMER NAME "Buyer"	
Address:		Address:	
Contact Name:		Contact Name:	
Contact Phone:		Contact Phone:	

A9 MONSOON STANDARD EQUIPMENT (with power module selection)

SWEEPER ENGINE	PICKUP HEAD
John Deere 4045 Tier 4 engine	90" x 36" Sweeping Head with Rubber Blast Orifice
Fuel water separator	3/8" thick, 14" dia Pressure hose, 14" 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.
90 amp alternator	
2 year warranty on Aux Engine	
HYDRAULIC SYSTEM	DUST CONTROL SYSTEM
25 gallon vented hydraulic reservoir, w/shut-off valves	Twin Electric diaphragm water pumps with inlet restriction indicator
Tank mounted level and temperature indicator	60 PSI, 5.88 gpm
Hydraulic pressure, 2500 psi	Water tank capacity 250 gallons, polyethylene
Spin-on 10 micron return filter	25-foot long fire hydrant fill hose
9000 BTU oil to air radiator type oil cooler	50 mesh cleanable filter, with shut off valve
12-volt DC hydraulic backup system	Water spray nozzles shall be provided as follows:
	Five at pickup head, two nozzles inside hopper
	Two at gutter broom, per option selected
	Two nozzles in suction tube, two at front axle
	An air purge system for flushing water lines
DUST SEPERATOR	OPERATING CONTROLS AND INSTRUMENTS
Centrifugal dust separator, 29000 cu in. with 1680 sq in door	Aux engine control with full color display on console:
	Keyed ignition, electronic throttle, leaf bleeder
	Oil pressure gauge, water temperature gauge
	Voltmeter, tachometer, and hour meter
	Diagnostic gauge for Aux Engine, overweight warning
	Selectable sweep or lift in reverse, system standby, in-cab tilt, variable speed brooms. All other STD sweeper function switches to be included for standard and options selected
HOPPER	SAFETY EQUIPMENT
Mild Steel, 9.6 CuYd, 8 CuYd usable Capacity	Two body props to lock hopper in raised position
Screens - 5615 square inches, saw tooth design	Rear Amber LED Strobe With Guard
Twin dumping cylinders, 53 degrees	2 rear yellow alternating LED flashing lights
Rear door hydraulically opened, closed and locked	Slow moving vehicle emblem, backup alarm
Dual 20" X 32" watertight inspection doors, 1 left, 1 right	5-lb fire extinguisher, and a warning triangle kit
External weatherproof dump switches	
Shroud enclosing the auxiliary engine	
BLOWER	
Closed face turbine 10 curved blades, 32.75" dia. by 5" wide	
500 Brinell hardness abrasion resistant steel	
Fully balanced within 1.5 grams on both sides	
Vacuum enhancer, w/indicator in cab	
Remote grease lines for fan bearing	
SWEEPER WARRANTY	
12 Months 1200 Hours	

QTY	DESCRIPTION	PRICE
POWER MODULE OPTIONS		
 		
1	134HP John Deere Tier IVF	\$ 221,855.00
	130HP Cummins Tier IVF	\$ 221,855.00
	Subtotal Auxiliary Engine Options	\$ 221,855.00
SWEEPING HEAD OPTIONS		
1	Standard w/rubber blast orifice	204A41 \$ -
	Sweep Head Deluge (Must Pick Standard Head)	204H52 \$ 560.00
	Side Blast Head	204S00 \$ 675.00
	Subtotal Sweeping Head Options	\$ -

GUTTER BROOM OPTIONS			
	Gutter Broom, Dual W/Power Tilt	203W42	\$ 10,285.00
	Gutter Broom, GEO Dual	203M91	\$ 3,675.00
	Gutter Broom, RH W/Power Tilt	203X27	\$ 6,200.00
	Gutter Broom, GEO RH	203M89	\$ 1,895.00
	Gutter Broom, GEO LH	203M90	\$ 1,905.00
	Gutter Broom, Poly Segments, each	203662	\$ 320.00
	Gutter Broom, In-Cab Down Pressure	204H70	\$ 3,675.00
1	Standby, Full w/Throttle Ramp	204B08	\$ -
1	Variable Speed Gutter Broom(S)	203V60	\$ -
Subtotal Gutter Broom Options			\$ -
MISCELLANEOUS OPTIONS			
	Manual, Sweeper, Additional Copy (Paper)	203689	\$ 200.00
	Automatic Lubrication System Vogel	203842	\$ 10,380.00
	Auto Lube Sys. Vogel Sweeper Only	203G87	\$ 5,480.00
	Auto Lube, NLG2 Sweeper Only	204Q70	\$ 7,780.00
	10 point remote grease manifold	203J02	\$ 1,380.00
1	Camera System, Single	203X81	\$ -
	Camera System, Dual <i>(Must list location of 2nd camera in Special Options)</i>	203X82	\$ 430.00
	Camera System, Three <i>(Must list location of 2nd & 3rd camera in Special Options)</i>	203Z99	\$ 875.00
	Camera System, Four w/Split Screen <i>(Location of camera 2, 3, 4 in Special Options)</i>	204P54	\$ 1,415.00
	Alarm, Smart Backup, 97db-107db	204P76	\$ 275.00
	Work Deck With Railings <i>(Not Compatible with 164 WB Freightliner chassis or 350 Gallon Water Tank)</i>	204Q05	\$ 2,220.00
	Leak Detection Kit	204R11	\$ 585.00
	Basic Sweeper Only Wrap	SOR	\$ -
Subtotal Miscellaneous Options			\$ -
WATER SYSTEM OPTIONS			
1	Water Tank, Standard 250G or	204L11	\$ -
	Water Tank, W/ Add. 350G*	204W62	\$ 5,370.00
	Water Tank Sight Gauge side of tank	203Q24	\$ 320.00
1	Water Tank Low Level Alarm & Ind.	203676	\$ -
	Spray Bar, Front	203680	\$ 1,000.00
	Spray Bar, Hopper Add. 4 Nozzles	203681	\$ 1,000.00
	Spray Bar, Hopper Add. 7 Nozzles	203939	\$ 1,035.00
	High Pressure Washdown Wand W/ Pump		\$ 4,725.00
	High Pressure Washdown W/ 50' Hose Reel	204Q64	\$ 6,460.00
	100 Gallon Rear Water Tank	204Q63	\$ 4,820.00
	Pressure Side Water Injector	204P87	\$ 675.00
	Water Fill inline Y Strainer		\$ 475.00
Subtotal Water System Options			\$ -
HOPPER OPTIONS			
1	Hopper, Standard	204D79	\$ -
	Hopper W/ Remote DD Screens	203J00	\$ 2,775.00
	Auto Drop Down Screens		\$ 1,110.00
1	Hopper Drain - None or		\$ -
	Hopper Drain 6" (SS)	203C25	\$ 1,020.00
	Hopper Sound Suppression	203640	\$ 1,120.00
	Hopper Dump Assist Shaker	204H83	\$ 1,955.00
1	Hand Hose- None		\$ -
	Hand Hose, 8" Spring Boom	203P52	\$ 1,955.00
	Hand Hose, 8" Power Boom	204P48	\$ 4,015.00
	Hand Hose, 8" Power Boom HD with Extend		\$ 7,425.00
	Pendant Control for Power Boom	204J54	\$ 440.00
	Hand Hose Water Nozzle	204K97	\$ 410.00
	Hand Hose Extension 4FT Long Rear Mount - 4 Max <i>(not compatible w/ rear water-tank)</i>		\$ 515.00
	Hand Hose Extension 4FT Long Front Bumper Mount - 2 Max		\$ 515.00

1	Hopper Deluge- None	204H59	\$	-
	Hopper Deluge, Conical Spray	203B77	\$	1,545.00
	Hopper Deluge, 4 Nozzle, Conical Spray	204G28	\$	2,390.00
1	Hopper Up Alarm & Indicator		\$	-
1	Hopper Aux. Engine Screen Cover		\$	-
	Hopper Dump Switches Exterior Right Side Only <i>(In Lieu of Standard Left)</i>	204S03	\$	-
	Hopper Dump Switches Exterior , Both Sides	205S03	\$	700.00
	Hopper, High Strength Stainless Steel ~ <i>LIFETIME WARRANTY</i> ~	204M88	\$	12,945.00
	Hopper, 304 Stainless Steel ~ <i>LIFETIME WARRANTY</i> ~	204J81	\$	28,695.00
	Hopper W/ Remote DD Screens (304 SS) ~ <i>LIFETIME WARRANTY</i> ~	203K41	\$	29,990.00
	Rear Bumper Stow & Go - Rear Tube Holder	204Y96	\$	410.00
	Liquid collection (glycol) & pump off system. <i>(Requires selection of pickup head that includes W/AUX HYD)</i>		\$	9,595.00
Subtotal Hopper Options			\$	-
AUXILIARY ENGINE OPTIONS				
	Block Heater, Aux Engine	203060	\$	505.00
	Hydraulic Filter Restriction Alarm & Ind	204M04	\$	440.00
1	Low Hydraulic Level Indicator In-Cab		\$	-
	Air Filter Restriction Indicator (In-Cab)	203064	\$	440.00
Subtotal Auxiliary Engine Options			\$	-
REAR LIGHTING OPTIONS				
1	Strobe, Rear W/Guard LED (Std) 1 ea or	203Y67	\$	-
	Strobe, Rear LED 1 each or	20Z271	\$	-
	Strobe, Dual Rear LED	203Z73	\$	700.00
	Strobe, Dual Rear W/Guard LED	203Z74	\$	1,000.00
	Arrowboard, Traffic Guide	203685	\$	1,175.00
	Arrowboard, Traffic Guide, LED	204C21	\$	1,610.00
	Barlight, Rear LED	203U22	\$	1,270.00
	Barlight, Rear W/Guard LED	203U21	\$	1,085.00
	Floodlight, LED <i>(Must list location in Special Options)</i>	203V45	\$	440.00
CAB LIGHTING OPTIONS				
	Strobe, Cab Cabover LED		\$	700.00
	Strobe, Cab Conventional LED	204B50	\$	700.00
	Strobe, Cab W/Guard Cabover LED	203Y95	\$	945.00
	Strobe, Cab W/Guard Conventional LED	204B51	\$	945.00
	Barlight, Cab Conventional LED 56"	204T22	\$	1,085.00
	Barlight, Cab W/Guard, Conventional, LED 16"	204B10	\$	1,270.00
	Barlight, Cab Cabover LED 16"		\$	1,085.00
	Barlight, Cab W/Guard, Cabover LED 16"		\$	1,270.00
Subtotal Lighting Options			\$	-
SPECIAL PAINT OPTIONS				
1	Paint, Standard		\$	-
	Paint, Special: Sweeper Unit Only	203B95	\$	1,520.00
	Paint, Special: Chassis Only	203B96	\$	4,795.00
	Special Paint Color: _____			
	Special Paint Code: _____			
1	Decal Kit	203B87	\$	-
Subtotal Special Paint			\$	-

CHASSIS MOUNTING OPTIONS			
FL M2 33K, 184" 200HP DS 2500 '24 (includes Air Dryer, Air Seat & Air Horn)	69873	\$	91,930.00
FL M2 33K, 164" 200HP DS 2500 '24 (includes Air Dryer, Air Seat & Air Horn)	69872	\$	94,340.00
IH MV607 200HP Cummins Dual Steer '23	69733	\$	89,750.00
Peterbilt 220 33K 220HP RH Steer '23 (includes Air Dryer & Air Seat)	Call Factory		
Peterbilt 220 33K 220HP Dual Steer '23 (includes Air Dryer & Air Seat)	Call Factory		
CUSTOMER SUPPLIED CHASSIS			
Customer Chassis Mounting Fee	00888162	\$	3,500.00
<i>Customer supplied chassis specs must be approved by Schwarze Product Management prior to quoting end user</i>			
<i>Final Chassis Specs must be submitted and signed off by Product Management at the time of submitting purchase order to Schwarze</i>			
CHASSIS DELIVERY DATE TO SCHWARZE		CHASSIS DEALER CONTACT NAME	
CHASSIS DEALERSHIP NAME		CHASSIS DEALER CONTACT NUMBER	
TRUCK KIT OPTIONS- MUST PICK 1			
International MV (187") ~ Under Cab Exhaust	206B16	\$	-
Freightliner M2 (184") ~ Under Cab Exhaust	204Q13	\$	-
Freightliner M2 (164") ~ Between Rail Exhaust		\$	-
Peterbilt 220 ~ Behind cab exhaust	204Q16	\$	-
M2 CHASSIS OPTIONS			
Mirror, 12" Parabolic, Set	203616	\$	560.00
Air Filter Restrict Ind Chassis	203465	\$	440.00
Tire & Rim, Spare M2	203468	\$	2,125.00
Block Heater	203469	\$	525.00
Rim, Spare M2	203620	\$	635.00
Magnet, Bar, 90" FL M2	204A38	\$	2,990.00
Magnet, Bar, 87" Self Dumping, FL M2	203X78	\$	6,955.00
Subtotal M2 Chassis Options			\$ -
IH CHASSIS OPTIONS			
Air Dryer, Bendix AD9	203018	\$	1,905.00
Mirror, 12" Parabolic, Set	203616	\$	560.00
Air Filter Restrict Ind Chassis	203465	\$	440.00
Tire & Rim, Spare IH	203476	\$	2,125.00
Block Heater, IH 4300	203C83	\$	525.00
Tow Hooks, IH	203037	\$	410.00
Rim, Spare IH	203478	\$	355.00
Magnet, Bar, 90" IH	204A37	\$	2,990.00
Magnet, Bar, 87" Self Dumping, IH	204D68	\$	6,955.00
Subtotal IH Chassis Options			\$ -
CABOVER CHASSIS OPTIONS			
Mirror, 12" Parabolic, Set (Autocar Only)	203616	\$	560.00
Magnet, Bar, 90"		\$	2,990.00
Air Filter Restrict Ind Chassis	203465	\$	300.00
Tire & Rim, Spare	203X83	\$	2,125.00
Horn, Air		\$	1,175.00
Gauge, Transmission Temp	203467	\$	1,315.00
Gauge, Hour Meter (Right Hand Only Kenworth/Peterbilt)	66504	\$	1,190.00
Magnet, Bar, 87" Self Dumping (Kenworth/Peterbilt)	204P03	\$	6,955.00
Subtotal Cabover Chassis Options			\$ -

QTY	SOR #	SPECIAL OPTIONS REQUEST	PART#	PRICE
Subtotal Special Options				\$ -

SWEEPER EXTENDED WARRANTIES				
1	STANDARD- 1 Year or 1200 hours		STD	\$ -
	SILVER- 2 Years or 2400 Hours		SILVER	\$ 1,875.00
	GOLD- 3 Years or 3600 Hours		GOLD	\$ 4,675.00
	PLATINUM- 4 Years or 4800 Hours		PLATINUM	\$ 6,550.00
	DIAMOND- 5 Years or 6000 Hours		DIAMOND	\$ 8,395.00
Subtotal Sweeper Extend Warranties				\$ -

***Chassis and auxiliary power are both separate, and need to be purchased through local dealer/distributors*

FREIGHT OPTIONS

LTL and Full Truck Rates are subject to truck availability. Step Deck rates are quoted based on dealer having an unloading dock. If Schwarze arranges for unloading on behalf of the dealer, dealer will be billed for additional unloading expense.

1	Dealer to arrange freight	DEALER	\$ -
	Schwarze Arranged LTL Freight	LTL	
	Schwarze Arranged FULL TRUCK Freight	FULL	

Shipping Terms ~ Check 1 FOB ~ Huntsville, AL ExWorks ~ Huntsville, AL

Payment Terms: Place X in Appropriate Box		SHIP TO: NAME (If different from sold to)	
<input type="checkbox"/> C.O.D			
<input type="checkbox"/> Net 10			
<input type="checkbox"/> Net 30			
<input type="checkbox"/> Irrevocable Letter of Credit			
<input type="checkbox"/> Other			
		Address:	
		Contact Name:	
		Contact Phone:	

A9 MONSOON PURCHASE ORDER

Buyer understands that this document is a binding purchase order and is a contract for the purchase of goods. This purchase order cannot be amended except in writing by both parties. Buyer agrees that by signing this Electronic Build Sheet and Purchase Order it has agreed to purchase the equipment and/or parts and attachments identified herein and has read and agreed to either: (i) Schwarze's terms and conditions in a validly executed dealer agreement if the Buyer is an authorized dealer or (ii) Schwarze's Standard Terms and Conditions of Sale located at www.schwarze.com/tc which are hereby incorporated by reference with the same force and effect as though fully set forth herein, if the Buyer is a direct customer.

Signature of Authorized Dealer Representative
Date

Submitting Purchase Order

Make note of the following: All prices are subject to change without notice and are subject to surcharges. All pricing is quoted and to be paid in U.S. funds. Payment required before release of MSO. Warranties on chassis and auxiliary engine (if required) are provided by their manufacturer and are not covered by Schwarze Industries, LLC. Dealers are responsible for reviewing, and verifying, all quotes prior to submission in regards to the customers' bid requirements. Write-in options are subject to final approval concerning both structure and price by Schwarze Industries, LLC management. This Electronic Build sheet (EBS) is a communication tool between Schwarze Industries, LLC and it's authorized dealer. This EBS is proprietary to Schwarze Industries, LLC and may not be modified or used for any other purpose without the written consent of Schwarze Industries, LLC.

A9 Monsoon CNG



ELECTRONIC BUILD SHEET AND PURCHASE ORDER

Purchase Order Number	Special Option Request

SOLD TO: Dealership Name "Buyer"		CUSTOMER NAME "Buyer"	
Address:		Address:	
Contact Name:		Contact Name:	
Contact Phone:		Contact Phone:	

A9 CNG MONSOON STANDARD EQUIPMENT (with power module selection)

SWEeper ENGINE	PICKUP HEAD
General Motors 350 cu in V8, 145 hp @3000 rpm	90" x 36" Sweeping Head with Rubber Blast Orifice
60 gallon DGE DOT approved CNG tanks	3/8" thick, 14" dia Pressure hose, 14" Suction Hose
3-point safety engine shutdown device	Sweeps-in-Reverse
Battery shared with chassis	Doublewide full length carbide drag shoes Warranted against wear-out, two years/2000 hours, prorated.
65 amp alternator	
2 year warranty on Aux Engine	
	DUST CONTROL SYSTEM
	Electric diaphragm water pump
HYDRAULIC SYSTEM	60 PSI, 6.0 gpm
25 gallon vented hydraulic reservoir, w/shut-off valves	Water tank capacity 250 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:
9000 BTU oil to air radiator type oil cooler	Five at pickup head, two nozzles inside hopper
12-volt DC hydraulic backup system	Two at gutter broom, per option selected
	Two nozzles in suction tube, two at front axle
DUST SEPERATOR	An air purge system for flushing water lines
Centrifugal dust separator, 29000 cu in. with 1680 sq in door	
HOPPER	OPERATING CONTROLS
Mild Steel, 9.6 CuYd, 8 CuYd usable Capacity	Aux engine control & gauges on console:
Screens - 6080 square inches	Keyed ignition, electronic throttle, leaf bleeder,
Two piece saw-tooth design	Oil pressure gauge, water temperature gauge
Twin dumping cylinders, 53 degrees	Voltmeter, tachometer, and hour meter
Rear door hydraulically opened, closed and locked	Diagnostic gauge for Aux Engine.
Dual 20" X 32" inspection doors, 1 left, 1 right	All gauges to be lighted
External weatherproof dump switches	All other STD sweeper function switches to be included for standard and options selected
Shroud enclosing the auxiliary engine	
BLOWER	Swiveling console for left or right sweeping
Closed face turbine 10 curved blades, 32.75" dia. by 5" wide	SAFETY EQUIPMENT
500 Brinell hardness abrasion resistant steel	Two body props to lock hopper in raised position
Fully balanced within 1.5 grams on both sides	Rear Amber LED Strobe with Guard
Vacuum enhancer, w/indicator in cab	2 rear yellow alternating LED flashing lights
SWEeper WARRANTY	Slow moving vehicle emblem, backup alarm,
12 Months 1200 Hours	5-lb fire extinguisher, and a warning triangle kit

QTY	DESCRIPTION	PRICE
POWER MODULE OPTIONS		
SIA9CNG		
1	145HP 5.7 Litre Aux Engine	\$ 201,260.00
Subtotal Auxiliary Engine Options		\$ 201,260.00
SWEEPING HEAD OPTIONS		
1	Standard w/rubber blast orifice	204A41 \$ -
	Sweep Head Deluge (Must Pick Standard Head)	204H52 \$ 560.00
Subtotal Sweeping Head Options		\$ -

GUTTER BROOM OPTIONS			
	Gutter Broom, Dual	203W42	\$ 10,285.00
1	Gutter Broom, Tilt Standard Dual or	203C01	\$ -
	Gutter Broom, Tilt Power Dual	203C02	\$ 2,140.00
	Gutter Broom, GEO Dual	203M91	\$ 3,675.00
	Gutter Broom, RH	203X27	\$ 6,200.00
	Gutter Broom, Tilt Power RH	203C05	\$ 1,085.00
	Gutter Broom, GEO RH	203M89	\$ 1,895.00
	Gutter Broom, LH	203X28	\$ 6,200.00
	Gutter Broom, GEO LH	203M90	\$ 1,905.00
	Gutter Broom, Poly Segments, each	203662	\$ 320.00
	Gutter Broom, In-Cab Down Pressure	204H70	\$ 3,675.00
	Standby, Gutter Broom Only	203S68	\$ 1,675.00
	Standby, Full w/Throttle Ramp	204B08	\$ 2,140.00
	Variable Speed Gutter Broom, Single	203V59	\$ 875.00
	Variable Speed Gutter Broom, Dual	203V60	\$ 1,490.00
Subtotal Gutter Broom Options			\$ -
MISCELLANEOUS OPTIONS			
	Manual, Sweeper, Additional Copy (Paper)	203689	\$ 200.00
	Automatic Lubrication System Vogel	203842	\$ 10,380.00
	Auto Lube Sys. Vogel Sweeper Only	203G87	\$ 5,480.00
	Remote Grease Fittings, Fan	203J02	\$ 410.00
1	Camera System, Single	203X81	\$ -
	Camera System, Dual <i>(Must list location of 2nd camera in Special Options)</i>	203X82	\$ -
	Camera System, Three <i>(Must list location of 2nd & 3rd camera in Special Options)</i>	203Z99	\$ 875.00
	Camera System, Four w/Split Screen <i>(Location of camera 2, 3, 4 in Special Options)</i>	204P54	\$ 1,415.00
	Leak Detection Kit	204R11	\$ 585.00
	Basic Sweeper Only Wrap	SOR	\$ -
Subtotal Miscellaneous Options			\$ -
WATER SYSTEM OPTIONS			
1	Water Tank, Standard 250G or	203B97	\$ -
	Water Tank, W/ Add. 350G*		\$ 5,370.00
	Water Tank Sight Gauge side of tank	203674	\$ 320.00
	Water Tank Low Level Alarm & Ind.	203676	\$ 440.00
	Spray Bar, Front	203680	\$ 1,000.00
	Spray Bar, Hopper Add. 4 Nozzles	203681	\$ 1,000.00
	Spray Bar, Hopper Add. 7 Nozzles	203939	\$ 1,035.00
	High Pressure Washdown Wand W/ Pump		\$ 4,725.00
	High Pressure Washdown W/ 50' Hose Reel		\$ 6,460.00
	100 Gallon Rear Water Tank	204Q63	\$ 4,820.00
	Pressure Side Water Injector	204P87	\$ 675.00
Subtotal Water System Options			\$ -
HOPPER OPTIONS			
1	Hopper, Standard	204D79	\$ -
	Hopper W/ Remote DD Screens	203J00	\$ 2,775.00
	Auto Drop Down Screens		\$ 1,110.00
1	Hopper Drain - None or		\$ -
	Hopper Drain 6" (SS)	203C25	\$ 1,020.00
	Hopper Sound Suppression	203640	\$ 1,120.00
	Hopper Dump Assist Shaker	204H83	\$ 1,955.00
1	Hand Hose- None		\$ -
	Hand Hose, 8" Spring Boom <i>(Remote Engine Throttle Included)</i>	203P52	\$ 1,955.00
	Hand Hose, 8" Power Boom <i>(Remote Engine Throttle Included)</i>	204J32	\$ 4,015.00
	Hand Hose, 8" Power Boom HD with Extend <i>(Remote Engine Throttle Included)</i>		\$ 7,425.00
	Pendant Control for Power Boom	204J54	\$ 440.00

	Hand Hose Water Nozzle	204K35	\$	410.00
	Hand Hose Extension 4FT Long Rear Mount - 4 Max <i>(not compatible w/ rear water-tank)</i>		\$	515.00
	Hand Hose Extension 4FT Long Front Bumper Mount - 2 Max		\$	515.00
1	Hopper Deluge- None	204H59	\$	-
	Hopper Deluge, Conical Spray	203B77	\$	1,305.00
	Hopper Deluge, 4 Nozzle, Conical Spray	204G28	\$	3,365.00
	Hopper Up Alarm & Indicator	203899	\$	560.00
	Hopper Aux. Engine Screen Cover		\$	890.00
	Hopper, High Strength Stainless Steel <i>~LIFETIME WARRANTY~</i>	204M64	\$	9,180.00
	Hopper, 304 Stainless Steel <i>~LIFETIME WARRANTY~</i>	204J81	\$	27,600.00
	Hopper W/ Remote DD Screens (304 SS) <i>~LIFETIME WARRANTY~</i>	203K41	\$	30,370.00
	Rear Bumper Stow & Go - Rear Tube holder	204Y96	\$	410.00
Subtotal Hopper Options			\$	-
CNG AUXILIARY ENGINE OPTIONS				
	Block Heater, Aux Engine	204C20	\$	505.00
	Hydraulic Filter Restriction Alarm & Ind	204M04	\$	440.00
	Low Hydraulic Level Indicator In-Cab	203067	\$	410.00
	Alternator, 100 AMP, Aux Engine	203527	\$	440.00
	Engine Remote Throttle	203627	\$	505.00
	Air Filter Restriction Indicator <i>(In-Cab)</i>	203526	\$	440.00
Subtotal Auxiliary Engine Options			\$	-
REAR LIGHTING OPTIONS				
1	Strobe, Rear W/Guard LED (Std) 1 ea or	203Y67	\$	-
	Strobe, Rear LED 1 each or	20Z271	\$	-
	Strobe, Dual Rear LED	203Z73	\$	700.00
	Strobe, Dual Rear W/Guard LED	203Z74	\$	1,000.00
	Arrowboard, Traffic Guide	203685	\$	1,175.00
	Arrowboard, Traffic Guide, LED	204C21	\$	1,610.00
	Barlight, Rear LED	203U22	\$	1,085.00
	Barlight, Rear W/Guard LED	203U21	\$	1,270.00
	Floodlight, LED <i>(Must list location in Special Options)</i>	203V45	\$	440.00
CAB LIGHTING OPTIONS				
	Strobe, Cab Cabover LED		\$	700.00
	Strobe, Cab Conventional LED	204B50	\$	700.00
	Strobe, Cab W/Guard Cabover LED	203Y95	\$	945.00
	Strobe, Cab W/Guard Conventional LED	204B51	\$	945.00
	Barlight, Cab Conventional LED 56'	204T22	\$	1,085.00
	Barlight, Cab W/Guard, Conventional, LED 16"	204B10	\$	1,270.00
	Barlight, Cab Cabover LED 16"		\$	1,085.00
	Barlight, Cab W/Guard, Cabover LED 16"		\$	1,270.00
Subtotal Lighting Options			\$	-
SPECIAL PAINT OPTIONS				
1	Paint, Standard		\$	-
	Paint, Special: Sweeper Unit Only	203700	\$	1,520.00
	Paint, Special: Chassis Only	203701	\$	4,795.00
	Special Paint Color: _____			
	Special Paint Code: _____			
1	Decal Kit	204E41	\$	-
Subtotal Special Paint			\$	-

CHASSIS MOUNTING OPTIONS				
	FL M2 CNG 33K 300HP DS 3000 '24 (Includes Air Dryer, Air Seat & Air Horn)	Call Factory		
	Autocar Expert 33K 2500 CNG '23	Call Factory		
	Special Order Chassis			
CUSTOMER SUPPLIED CHASSIS				
	Customer Chassis Mounting Fee	00888162	\$	3,500.00
<i>Customer supplied chassis specs must be approved by Schwarze Product Management prior to quoting end user</i>				
<i>Final Chassis Specs must be submitted and signed off by Product Management at the time of submitting purchase order to Schwarze</i>				
CHASSIS DELIVERY DATE TO SCHWARZE		CHASSIS DEALER CONTACT NAME		
CHASSIS DEALERSHIP NAME		CHASSIS DEALER CONTACT NUMBER		
TRUCK KIT OPTIONS- MUST PICK 1				
	Freightliner M2 60 DGE behind cab	203M06	\$	-
	Autocar Xpert 60DGE behind cab	204E37	\$	-
M2 CHASSIS OPTIONS				
	Mirror, 12" Parabolic, Set	203616	\$	560.00
	Air Filter Restrict Ind Chassis	203465	\$	440.00
	Tire & Rim, Spare M2	203468	\$	2,125.00
	Block Heater	203469	\$	525.00
	Rim, Spare M2	203620	\$	635.00
	Magnet, Bar, 90" FL M2	204A38	\$	2,990.00
	Magnet, Bar, 87" Self Dumping, FL M2	203X78	\$	6,955.00
Subtotal M2 Chassis Options			\$	-
CABOVER CHASSIS OPTIONS				
	Mirror, 12" Parabolic, Set	203616	\$	560.00
	Magnet, Bar, 90"		\$	2,990.00
	Air Filter Restrict Ind Chassis	203465	\$	300.00
	Tire & Rim, Spare	203X83	\$	2,125.00
	Horn, Air		\$	1,175.00
	Gauge, Transmission Temp	203467	\$	320.00
Subtotal Cabover Chassis Options			\$	-
QTY	SOR #	SPECIAL OPTIONS REQUEST	PART#	PRICE
Subtotal Special Options			\$	-
SWEEPER EXTENDED WARRANTIES**				
1	STANDARD- 1 Year or 1200 hours		STD	\$ -
	SILVER- 2 Years or 2400 Hours		SILVER	\$ 1,895.00
	GOLD- 3 Years or 3600 Hours		GOLD	\$ 4,650.00
	PLATINUM- 4 Years or 4800 Hours		PLATINUM	\$ 6,750.00
	DIAMOND- 5 Years or 6000 Hours		DIAMOND	\$ 8,695.00
Subtotal Sweeper Extend Warranties			\$	-
<i>**Chassis and auxiliary power are both separate, and need to be purchased through local dealer/distributors</i>				

A9 Monsoon SE



ELECTRONIC BUILD SHEET AND PURCHASE ORDER

M2 106 Freightliner with sweeper body

Purchase Order Number	Special Option Request
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SOLD TO: Dealership Name "Buyer"		CUSTOMER NAME "Buyer"	
Address:		Address:	
Contact Name:		Contact Name:	
Contact Phone:		Contact Phone:	

A9SE MONSOON STANDARD EQUIPMENT

SWEeper ENGINE	PICKUP HEAD
Fuel water separator	90" x 36" Sweeping Head with Rubber Blast Orifice
Safety engine shutdown device	3/8" thick, 14" dia Pressure hose, 14" Suction Hose
Battery and 50 gallon fuel tank shared with chassis	Sweeps-in-Reverse
160 amp alternator	Doublewide full length carbide drag shoes Warranted against wear-out, two years/2000 hours, prorated
High capacity air cleaner	
HYDRAULIC SYSTEM	DUST CONTROL SYSTEM
25 gallon vented hydraulic reservoir, w/shut-off valves	Twin Electric diaphragm water pumps with inlet restriction indicator
Tank mounted level and temperature indicator	Water tank capacity 480 gallons, polyethylene
Hydraulic pressure, 2500 psi	25-foot long fire hydrant fill hose
In-tank 10 micron return filter	50 mesh cleanable filter, with shut off valve
9000 BTU oil to air radiator type oil cooler	Water spray nozzles shall be provided as follows:
12-volt DC hydraulic backup system	Five at pickup head, two nozzles inside hopper
DUST SEPERATOR	Two at gutter broom, per option selected
Centrifugal dust separator, 29000 cu in. with 1680 sq in door	Two nozzles in suction tube, two at front axle
	An air purge system for flushing water lines
HOPPER	OPERATING CONTROLS
Mild Steel, 9.6 CuYd, 8 CuYd usable Capacity	Sweeper power control, with auto throttle standby
Screens - 6280 square inches, saw tooth design	Broom deploy, tilt and speed
Twin dumping cylinders, 51 degrees	Head up/down or leaf bump, sweep in reverse
Rear door hydraulically opened, closed and locked	Dust control water by zone
Dual 20" X 32" watertight inspection doors, 1 left, 1 right	Hopper dump - in cab and at side broom
External weatherproof dump switches	Sweeper lighting and beacons
Shroud enclosing the auxiliary engine	INSTRUMENTS
BLOWER	Full color hi-res display with the following:
Closed face turbine 10 curved blades, 32.75" dia. by 5" wide	Water level, broom speed, hopper load, vacuum enhancer position
500 Brinell hardness abrasion resistant steel	Sweeper and drive system diagnostics
Fully balanced within 1.5 grams on both sides	Hopper tilted and door open indicator
Vacuum enhancer, w/indicator in cab	Swiveling console for left or right sweeping
Remote grease lines for fan bearing	Hyd. temp. & filter restriction
SWEeper WARRANTY	SAFETY EQUIPMENT
Sweeper 12 Months, 1200 Hours	Two body props to lock hopper in raised position
VPD Device 36 months, unlimited hours	Rear Amber LED Strobe With Guard
Chassis sweeper engine 36 Months	2 rear yellow alternating LED flashing lights
Sweeper hydraulic pumps and fittings 5 years	Slow moving vehicle emblem, backup alarm, 5-lb fire extinguisher, and a warning triangle kit
Sweeper hydraulic motors and valves 2 years	Rear view camera

QTY	DESCRIPTION	PRICE
POWER MODULE OPTIONS		SIRGNSE
1	M2, 240 hp VPD sweeper drive	\$ 225,655.00
Subtotal Auxiliary Engine Options		\$ 225,655.00

SWEEPING HEAD OPTIONS			
1	Standard w/rubber blast orifice		\$ -
	Sweep Head Deluge		\$ 530.00
	Side Blast Head		\$ 2,055.00
Subtotal Sweeping Head Options			\$ -
GUTTER BROOM OPTIONS			
	Gutter Broom, Dual W/Power Tilt and variable speed		\$ 10,175.00
	Gutter Broom, GEO Dual		\$ 3,520.00
	Gutter Broom, RH W/Power Tilt and variable speed		\$ 6,135.00
	Gutter Broom, GEO RH		\$ 1,880.00
	Gutter Broom, GEO LH		\$ 1,890.00
	Gutter Broom, Poly Segments, each		\$ 320.00
	Gutter Broom, In-Cab Down Pressure	206C16	\$ 3,635.00
1	Standby, full w/Throttle Ramp		\$ -
1	Variable Speed Gutter Broom(s)		\$ -
Subtotal Gutter Broom Options			\$ -
MISCELLANEOUS OPTIONS			
	Manual, Sweeper, Additional Copy (Paper)		\$ 190.00
1	14 Point Standard Remote Grease Manifold		\$ -
1	Camera System ,Single		\$ -
	Camera System, Dual (Must list location of 2nd camera in Special Options)		\$ 415.00
	Camera System, Three (Must list location of 2nd & 3rd camera in Special Options)		\$ 830.00
	Camera System, Four w/ Split Screen (Location of camera 2, 3, 4 in Special Options)		\$ 1,360.00
	Alarm, Smart Backup, 97db-107db		\$ 255.00
	Leak Detection Kit		\$ 565.00
	Basic Sweeper Only Wrap	SOR	\$ -
Subtotal Miscellaneous Options			\$ -
WATER SYSTEM OPTIONS			
1	Water Tank, Standard 470G		\$ -
	Spray Bar, Front		\$ 955.00
	Spray Bar, Hopper Add. 4 Nozzles		\$ 955.00
	Spray Bar, Hopper Add. 7 Nozzles		\$ 1,000.00
	High Pressure Washdown Wand W/ Pump 2000 psi		\$ 4,530.00
	High Pressure Washdown W/ 50' Hose Reel 2000 psi		\$ 6,200.00
	High Pressure Front Spraybar, Gun, Reel, Detergent Tank 3000 psi		\$ 12,915.00
	Addition 80 gallon poly rear water tank		\$ 4,460.00
	Additional 100 Gallon SS rear Water Tank		\$ 4,620.00
	Pressure Side Water Injector		\$ 640.00
1	Water Tank Low Level Alarm & Ind.		\$ -
	Water Fill Inline Y Strainer		\$ 475.00
Subtotal Water System Options			\$ -
HOPPER OPTIONS			
1	Hopper, Standard		\$ -
	Auto Drop Down Screens (All Hoppers)		\$ 1,110.00
	Hopper Sound Suppression		\$ 735.00
	Hopper Dump Assist Shaker		\$ 1,955.00
1	Hand Hose, None or		\$ -
	Hand Hose, 8" Spring Boom (Remote Engine Throttle Included)		\$ 1,955.00
	Hand Hose, 8" Power Boom (Remote Engine Throttle Included)		\$ 4,015.00
	Hand Hose, 8" Power Boom HD with extend (Remote Engine Throttle Included)		\$ 7,425.00
	Pendant Control for Power Boom		\$ 440.00
	Hand Hose Extension 4FT Long Rear Mount - 4 Max (not compatible w/ rear water-tank)		\$ 515.00
	Hand Hose Extension 4FT Long Front Bumper Mount - 2 Max		\$ 515.00
	Hand Hose Water Nozzle		\$ 410.00
	Rear Bumper Stow & Go - Rear Tube Holder		\$ 410.00

1	Hopper (8.4 cu yd), Carbon Steel, Drop Down Screen		\$	-
1	Hopper Deluge, None		\$	-
	Hopper Deluge, Conical Spray		\$	1,545.00
	Hopper Deluge, 4 Nozzle, Conical Spray		\$	2,390.00
	Hopper Dump Switches Exterior Right Side Only (In Lieu of Standard Left)		\$	-
	Hopper Dump Switches Exterior, Both Sides		\$	700.00
	Hopper, W/ Remote DD Screens		\$	2,775.00
1	Hoper Drain - None		\$	-
	Hopper Drain 6" (SS)		\$	1,020.00
1	Hopper Up Alarm & Indicator		\$	-
1	Hopper Aux. Engine Screen Cover		\$	-
	Hopper, High Strength Stainless Steel ~LIFETIME WARRANTY~		\$	12,945.00
	Hopper W/ Remote DD Screens High Strength Stainless Steel ~LIFETIME WARRANTY~		\$	15,740.00
	Hopper, 304 Stainless Steel ~LIFETIME WARRANTY~		\$	28,695.00
	Hopper W/ Remote DD Screens (304 SS) ~LIFETIME WARRANTY~		\$	29,990.00
Subtotal Hopper Options			\$	-
REAR LIGHTING OPTIONS				
1	Rear Strobe W/Guard		\$	-
	Strobe, Dual Rear LED		\$	670.00
	Strobe, Dual Rear W/Guard LED		\$	1,000.00
	Arrowboard, Traffic Guide, LED		\$	1,535.00
	Barlight, Rear LED		\$	1,035.00
	Barlight, Rear W/Guard LED		\$	1,220.00
	Floodlight, LED (Must list location in Special Options)		\$	425.00
CAB LIGHTING OPTIONS				
	Strobe, Cab Cabover LED		\$	635.00
	Strobe, Cab Conventional LED		\$	635.00
	Strobe, Cab W/Guard Cabover LED		\$	865.00
	Strobe, Cab W/Guard Conventional LED		\$	865.00
	Barlight, 56" Cab Conventional LED		\$	1,000.00
	Barlight, 16" Cab W/Guard, Conventional, LED		\$	1,170.00
	Barlight, 16" Cab Cabover LED		\$	1,000.00
	Barlight, 16" Cab W/Guard, Cabover LED		\$	1,170.00
Subtotal Lighting Options			\$	-
SPECIAL PAINT OPTIONS				
1	Paint, Standard		\$	-
	Paint, Special: Sweeper Unit Only		\$	1,460.00
	Paint, Special: Chassis Only		\$	4,595.00
	Special Paint Color: _____			
	Special Paint Code: _____			
1	Decal Kit		\$	-
Subtotal Special Paint			\$	-
CHASSIS MOUNTING OPTIONS				
1	FL M2 164" Single Engine Spec Chassis '24	69870	\$	108,660.00
M2 CHASSIS OPTIONS				
	Mirror, 12" Parabolic, Set	203616	\$	530.00
	Air Filter Restrict Ind Chassis	203465	\$	425.00
	Tire & Rim, Spare M2	203468	\$	2,040.00
	Block Heater	203469	\$	510.00
	Rim, Spare M2	203620	\$	610.00
	Magnet, Bar, 90" FL M2	204A38	\$	2,860.00
	Magnet, Bar, 87" Self Dumping, FL M2	203X78	\$	6,675.00
Subtotal M2 Chassis Options			\$	-

HYPERVAC



ELECTRONIC BUILD SHEET AND PURCHASE ORDER

Tier 4 Final

Purchase Order Number	Special Option Request

SOLD TO: Dealership Name "Buyer"		CUSTOMER NAME "Buyer"	
Address:		Address:	
Contact Name:		Contact Name:	
Contact Phone:		Contact Phone:	

HYPERVAC STANDARD EQUIPMENT (with power module selection)	
SWEeper ENGINE	SUCTION NOZZLES
John Deere 4045 Tier 4 engine	12"x 28" Abrasion resistant steel
Fuel water separator	Full width bulky debris door with in cab control
3-point safety engine shutdown device	Heavy duty rubber skirts
Battery and 50 gallon fuel tank shared with chassis	Heavy duty casters for contour following
90 amp alternator	Abrasion resistant curb glides
5 year/ 5000 hr warranty on Aux Engine	DUST CONTROL SYSTEM
HYDRAULIC SYSTEM	Electric diaphragm water pump with inlet restriction indicator
45 gallon vented hydraulic reservoir, w/shut-off valves	60 PSI, 5.88 gpm
Tank mounted level and temperature indicator	Water tank capacity 360 gallons, polyethylene
Hydraulic pressure, 2500 psi	25-foot long fire hydrant fill hose
Spin-on 10 micron return filter	50 mesh cleanable filter, with shut off valve
9000 BTU oil to air radiator type oil cooler	Water spray nozzles shall be provided as follows:
12-volt DC hydraulic backup system	Two at each gutter broom and two on each side of front axle
HOPPER	Four nozzles at each hopper intake
High strength steel, 8.4 CuYd, 7 CuYd usable Capacity	An air purge system for flushing water lines
Screens - 5615 square inches	DUST SEPERATOR
Twin dumping cylinders, 51 degrees	Centrifugal dust separator, 29000 cu in. with 1680 sq in door
Rear door hydraulically opened, closed and locked	OPERATING CONTROLS AND INSTRUMENTS
Dual 20" X 32" watertight inspection doors, 1 left, 1 right	Aux engine control with full color sweeper display on console:
External weatherproof dump switches, right side	Diagnostic gauge for Aux Engine, overweight warning
Shroud enclosing the auxiliary engine with daily access door	Sweeper Sense™ Programable sweep settings
BLOWER	Gutter Broom Extension and Pitch Controls (GEO/GPO)
Closed face turbine 10 curved blades, 32.75" dia. by 5" wide	Swiveling console for left or right sweeping
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
TRANSFER/SCRUBBING BROOM SYSTEM	Rear Amber LED Strobe With Guard
Single side wide sweep 110"	2 rear yellow alternating LED flashing lights
Dual side wide sweep 134"	5-lb fire extinguisher, and a warning triangle kit
Left and right floating gutter brooms	SWEeper WARRANTY
Triple 24" floating wide sweep transfer array	12 Months 1200 Hours

QTY	DESCRIPTION	PRICE
POWER MODULE OPTIONS		SIGV6
1	134 HP John Deere Tier IVF	\$ 271,545.00
Subtotal Power Module Options		\$ 271,545.00
NOZZLE OPTIONS		
1	Standard Left and Right Sweep Nozzles	\$ -
Subtotal Nozzle Options		\$ -
TRANSFER BROOM OPTIONS		
1	Standard steel bristles	\$ -
	Poly/wire bristles	\$ 45.00
	All poly bristles	\$ 45.00
Subtotal Transfer Broom Options		\$ -

MISCELLANEOUS OPTIONS			
	Manual, Sweeper, Additional Copy (<i>Paper</i>)		\$ 200.00
	6 point remote grease manifold (<i>Hopper Hinges & Door, Bleeder Door</i>)	205D85	\$ 1,380.00
	Fan Dust Stripper and Dust Housing		\$ 2,655.00
1	Camera System, Single	205D71	\$ -
	Camera System, Dual (<i>Must list location of 2nd camera in Special Options</i>)	205D72	\$ 430.00
	Camera System, Three (<i>Must list location of 2nd & 3rd camera in Special Options</i>)	205D73	\$ 875.00
	Camera System, Four (<i>Location of camera 2, 3, 4 in Special Options</i>)	205D74	\$ 1,415.00
	Brigade Camera System, Four w/Split Screen (<i>Location of camera 2, 3, 4 in Special Options</i>)	205F00	\$ 3,245.00
Subtotal Miscellaneous Options			\$ -
WATER SYSTEM OPTIONS			
1	Water Tank, Standard 360G or		\$ -
	High Pressure Washdown Wand W/ Pump		\$ 4,725.00
	High Pressure Washdown W/ 50' Hose Reel		\$ 6,460.00
	High Pressure Front Spraybar W/ 50' Hose Reel		\$ 14,040.00
	Front Spraybar		\$ 1,000.00
	Auto Tank Select	205E93	\$ 3,415.00
	Spraybar, Hopper Add. 4 Nozzles	205F55	\$ 900.00
Subtotal Water System Options			\$ -
HOPPER OPTIONS			
1	Hopper, Standard (High Strength Stainless Steel)		\$ -
1	Hopper Drain - None or		\$ -
	Hopper Drain 6" (SS)	205D49	\$ 1,020.00
	Hopper Sound Suppression	205D50	\$ 1,120.00
	Hopper Dump Assist Shaker	205D62	\$ 1,955.00
1	Hand Hose- None		\$ -
	Hand Hose, 8" Power Boom (<i>Remote Engine Throttle Included</i>)	205C30	\$ 4,015.00
	Hand Hose, 8" Power Boom HD (<i>Remote Engine Throttle Included</i>)	205D79	\$ 5,335.00
	Hand Hose Extension 4 Feet Long		\$ 515.00
	Double Hand Hose Extension 4 Feet Long		\$ 1,010.00
	Hand Hose Water Nozzle		\$ 410.00
	Rear Bumper - Stow & Go Tube Support	205E87	\$ 630.00
1	Hopper Deluge- None		\$ -
	Hopper Deluge, Conical Spray	205C35	\$ 1,545.00
	Hopper Deluge, Conical Spray 4 Nozzle	205D82	\$ 2,075.00
	Hopper Dump Switches Exterior Left side		\$ 365.00
	Remote Drop Down Screen	205D80	\$ 3,215.00
	Rear Bumper - Stow & Go Tube Support	205E87	\$ 630.00
Subtotal Hopper Options			\$ -
AUXILIARY ENGINE OPTIONS			
	Block Heater, Aux Engine	204Q02	\$ 505.00
	Engine Remote Throttle (<i>Not on Hand Hose</i>)	SOR	\$ 505.00
	Air Filter Restriction Alarm & Indicator	203064	\$ 440.00
Subtotal Auxiliary Engine Options			\$ -
REAR LIGHTING OPTIONS			
1	Strobe, Rear W/Guard LED (Std) 1 ea or	205D52	\$ -
	Strobe, Rear LED 1 each or	205D51	\$ -
	Strobe, Dual Rear LED	205D55	\$ 700.00
	Strobe, Dual Rear W/Guard LED	205D56	\$ 1,000.00
	Split Arrowboard, Traffic Guide, LED	205C38	\$ 1,610.00
	16" Mini Barlight, Rear LED	203U22	\$ 1,085.00
	16" Mini Barlight, Rear W/Guard LED	203U21	\$ 1,270.00
	Floodlight, LED (<i>Must list location in Special Options</i>)	205A59	\$ 440.00
	Arrowstick, Rear Door	205B62	\$ 2,480.00

CAB LIGHTING OPTIONS			
	Strobe, Cab Cabover LED	203Z72	\$ 670.00
	Strobe, Cab Conventional LED	204B50	\$ 670.00
	Strobe, Cab W/Guard Cabover LED	203Z75	\$ 905.00
	Strobe, Cab W/Guard Conventional LED	204B51	\$ 905.00
	56" Barlight, Cab Conventional LED	204T22	\$ 1,035.00
	16" Mini Barlight, Cab W/Guard, Conventional, LED	204B10	\$ 1,220.00
	16" Mini Barlight, Cab Cabover LED	204B09	\$ 1,035.00
	16" Mini Barlight, Cab W/Guard, Cabover LED	204J76	\$ 1,220.00
Subtotal Lighting Options			\$ -
SPECIAL PAINT OPTIONS			
1	Paint, Standard		\$ -
	Paint, Special: Sweeper Unit Only		\$ 1,520.00
	Paint, Special: Chassis Only		\$ 4,795.00
	Special Paint Color: _____		
	Special Paint Code: _____		
1	Decal Kit		\$ -
Subtotal Special Paint			\$ -
CHASSIS MOUNTING OPTIONS			
	Peterbilt 220 33K 220HP RH Steer '23	Call Factory	
	Peterbilt 220 33K 220HP Dual Steer '23	Call Factory	
	FL M2 33K, 184" 200HP DS 2500 '24	69873	\$ 91,930.00
CUSTOMER SUPPLIED CHASSIS			
	Customer Chassis Mounting Fee		\$ 3,500.00
<i>Customer supplied chassis specs must be approved by Schwarze Product Management prior to quoting end user. Final Chassis Specs must be submitted and signed off by Product Management at the time of submitting purchase order to Schwarze</i>			
CHASSIS DELIVERY DATE TO SCHWARZE		CHASSIS DEALER CONTACT NAME	
CHASSIS DEALERSHIP NAME		CHASSIS DEALER CONTACT NUMBER	
TRUCK KIT OPTIONS- MUST PICK 1			
	Peterbilt 220	205D31	\$ -
	Freightliner M2	205E37	\$ -
CABOVER CHASSIS OPTIONS			
	Mirror, 12" Parabolic, Set (Autocar Only)	203616	\$ 560.00
	Magnet, Bar, 90"	204L15	\$ 2,990.00
	Air Filter Restrict Ind Chassis	203465	\$ 300.00
	Tire & Rim, Spare	203X83	\$ 2,125.00
	Horn, Air	21737	\$ 1,175.00
	Gauge, Transmission Temp	203467	\$ 1,315.00
	Gauge, Hour Meter (Right Hand Only Peterbilt)	66504	\$ 1,190.00
	Mirror, 8" Parabolic, Set	204P91	\$ 560.00
	Block heater	66182	\$ 525.00
	Magnet -self dumping	204P03	\$ 6,955.00
Subtotal Cabover Chassis Options			\$ -
M2 CHASSIS OPTIONS			
	Mirror, 12" Parabolic, Set	203616	\$ 560.00
	Air Filter Restrict Ind Chassis	203465	\$ 440.00
	Tire & Rim, Spare M2	203468	\$ 2,125.00
	Block Heater	203469	\$ 525.00
	Horn, Air M2	203C53	\$ 265.00
	Rim, Spare M2	203620	\$ 635.00
	Magnet, Bar, 90" FL M2	204A38	\$ 2,990.00
	Magnet, Bar, 87" Self Dumping, FL M2	203X78	\$ 6,955.00
Subtotal M2 Chassis Options			\$ -

M4 Cascade TWIN ENGINE



ELECTRONIC BUILD SHEET AND PURCHASE ORDER

Purchase Order Number	Special Option Request

SOLD TO: Dealership Name "Buyer"		CUSTOMER NAME "Buyer"	
Address:		Address:	
Contact Name:		Contact Name:	
Contact Phone:		Contact Phone:	

M4TE CASCADE STANDARD EQUIPMENT

HYDRAULIC SYSTEM	MAIN BROOM
Pump, Variable displacement load sense piston	Diameter, 36"; Length 58"
Hydraulic Tank, 35 gallon, w/ shut-off valve	Hydraulic Direct Drive / In Cab Adjustable Variable Speed
Tank & Cab mounted level and temperature indicator	In-Cab Adjustable Pneumatic lift w/ Positive lift Lock
5 Micro Tank Breather Filter	Brush type: Solid core, Wafer or Poly Strip Broom
10 micron cartridge return filter	Self-Aligning Bearings, Triple Sealed & Shielded
100 Mesh Suction Strainer	GUTTER BROOMS
120,000 BTU oil to air twin fan oil cooler	42" Diameter
PNEUMATIC SYSTEM	5 Segment Wire Filled Vertical Digger
Remote Electronic Digital Readout Air Regulators	Hydraulic Direct Drive / In Cab Adjustable Variable Speed
Auxiliary Air Tank - 1,488 cu. in. capacity	Free Floating Adjustable Spring Suspension
Continuous Duty Air Compressor	DUST CONTROL SYSTEM
Electro-Pneumatic valves with push to connect fittings	Heavy Duty Electric diaphragm water pump
In-Cab controls and display	70 PSI, 5.88 GPM
HOPPER	Water tank capacity 220 gallons, polyethylene
Construction, Stainless Steel (C12) ~LIFETIME WARRANTY~	25-foot long fire hydrant fill hose
Capacity, 4.0 cu. yd., (3.4 cu. yd. Usable)	50 mesh cleanable filter, with shut off valve
Lift Capacity, 9,500 LBS	Five nozzles in front of main broom
Scissor Lift and Right Side Dump	Seven nozzle front spray bar
Variable Dump Height, 16" to 120"	Four nozzles per gutter broom
Side Inspection Door	Air purge system for flushing water lines
ENGINE	OPERATING CONTROLS
Deutz 2.2 Turbo Charged Diesel, Liquid Cooled Tier 4F	Six Sense - Six programmable sweep settings
74 Horsepower	Adjustable base console for left or right sweeping (Dual Steering)
Tier Four Final, Non-DEF / No-Regen	Keyed Ignition switch & Electronic Throttle
SQUEEGEE CONVEYOR	Voltmeter, tach, oil press, water temp, Hour meters & diagnostics
Heavy Duty, Constant-Radius Roller Chain	Dimmable back lit sealed rocker switches with icon and text markings
Self-Aligning Bearings, Triple Sealed & Shielded	7" TFT LCD color display, 800 x 480 pixels, with USB for Programing
Hydraulic Direct Drive	SAFETY EQUIPMENT
In Cab Adjustable Variable Speed	Two body props to lock hopper in raised position
Bolt In Stainless Steel Abrasion Resisting Floor Plate	Rear view camera system
SWEEPER WARRANTY	Slow moving vehicle emblem, backup alarm
12 Months 1200 Hours	5-lb fire extinguisher, and warning triangle kit

QTY	DESCRIPTION	UNIT OPTION	PRICE
UNIT OPTION			
1	M4 Cascade Twin Engine Deutz Tier 4F	SIM4TE	\$ 216,120.00
Subtotal Unit Options			\$ 216,120.00
CONVEYOR OPTIONS			
1	Squeegee Conveyor w/ Stainless Steel Floor Plate	204Y98	\$ -
1	Strip Brush Drag Shoe	206A73	\$ -
	Tungsten Carbide Drag Shoe	204Y35	\$ 2,540.00
Subtotal Conveyor Options			\$ -
MAIN BROOM OPTIONS (4003A)			
1	Main Broom, Tube, Standard	204E87	\$ -
	Main Broom, Strip	204F76	\$ 730.00
Subtotal Main Broom Options			\$ -

GUTTER BROOM OPTIONS (4068)			
1	Gutter Broom, Dual	STD	\$ -
	Gutter Broom, Tilt Power Dual	STD	\$ -
	Gutter Broom, GEO Dual (Recommended)	203404	\$ 1,520.00
Subtotal Gutter Broom Options			\$ -
MISCELLANEOUS OPTIONS (7076)			
	Remote Grease Point, Conveyor/Main Broom	206B31	\$ 1,035.00
	Manual, Sweeper, Additional Copy	203451	\$ 335.00
1	Camera System, Single	203X81	\$ -
	Camera System, Dual (Must list location of 2nd camera in Special Options)	203X82	\$ 455.00
	Camera System, Three (Must list location of 2nd & 3rd camera in Special Options)	204P82	\$ 830.00
	Camera System, Four w/Split Screen (Location of camera 2, 3, 4 in Special Options)	204P83	\$ 1,360.00
	Leak Detection Kit	204R11	\$ 565.00
	DC Backup Hydraulic System	204M58	\$ 1,330.00
	Electronic Inclinometer Indicator / Alarm	204N73	\$ 1,705.00
	Heavy Duty Front Bumper	204B35	\$ 730.00
Subtotal Miscellaneous Options			\$ -
HYDRAULIC SYSTEM OPTIONS (2003A)			
	Hydraulic Filter Restriction Alarm & Indicator	204G35	\$ 305.00
	Hydraulic Pressure Gauge @ Valve Bank W/6" Hose	204G73	\$ 280.00
Subtotal Hydraulic System Options			\$ -
WATER SYSTEM OPTIONS (5065)			
	Water Fill Strainer	206B06	\$ 625.00
Subtotal Water System Options			\$ -
HOPPER OPTIONS (3075)			
	Hopper Load Weight Alarm & Indicator	204P08	\$ 520.00
	Hopper Dump Light, LED	204U59	\$ 540.00
Subtotal Hopper Options			\$ -
REAR LIGHTING OPTIONS			
	Strobe, Rear W/Guard LED (Std) 1 ea. or	206B04	\$ 375.00
	Barlight, Rear W/Guard LED	206B08	\$ 1,005.00
	4 Surface mounted Strobes on Rear of Sweeper	206B07	\$ 220.00
	Arrow Stick, Whelen 8 Lamp Super LED 30.36" Long	206A94	\$ 2,495.00
	Strobe, Dual Rear w/ Guard	206B05	\$ 675.00
	Barlight, Dual Rear w/ Guard	206B09	\$ 2,000.00
Subtotal Lighting Options			\$ -
CAB LIGHTING OPTIONS (6089)			
	Strobe, Cab LED	204A02	\$ 670.00
	Strobe, Cab W/Guard LED	204A03	\$ 900.00
	Barlight, Cab LED	203Y78	\$ 1,230.00
	Barlight, Cab W/Guard LED	203Y82	\$ 1,305.00
	Floodlight, LED *** (Must list location in Special Options)	203V45	\$ 425.00
	Barlight, 56" LED Cab Mounted	204B34	\$ 1,980.00
Subtotal Lighting Options			\$ -
SPECIAL PAINT OPTIONS			
1	Paint, Standard	204D32	\$ -
	Paint, Special: Sweeper Unit Only	204D30	\$ 1,460.00
	Paint, Special: Chassis Only	204D31	\$ 5,525.00
	Special Paint Color: _____		
	Special Paint Code: _____		
1	Decal Kit		\$ -
Subtotal Special Paint			\$ -
CHASSIS MOUNTING OPTIONS			
	Isuzu NRR 19,500 GVWR Chassis (Left hand steering)	69654	\$ 71,095.00
	Isuzu Dual Steering	69655	\$ 79,050.00
	Special Order Chassis		

M6 AVALANCHE SE CNG



ELECTRONIC BUILD SHEET AND PURCHASE ORDER

Purchase Order Number	Special Option Request

SOLD TO: Dealership Name "Buyer"		CUSTOMER NAME "Buyer"	
Address:		Address:	
Contact Name:		Contact Name:	
Contact Phone:		Contact Phone:	

M6SE CNG AVALANCHE STANDARD EQUIPMENT

HYDRAULIC SYSTEM	MAIN BROOM
Pump, Variable displacement load sense piston	Diameter, 36"; Length 58"
Hydraulic Tank, 35 gallon, w/ shut-off valve	Hydraulic Direct Drive / In Cab Adjustable Variable Speed
Tank & Cab mounted level and temperature indicator	In-Cab Adjustable Pneumatic lift w/ Positive lift Lock
Hydraulic pressure, 3200 psi	Brush type: Solid core, Wafer or poly strip broom
5 Micro Tank Breather Filter	2" wide Tungsten Carbide Trailing Arm Dirt Shoes
10 micron cartridge return filter	Self-Aligning Bearings, Triple Sealed & Shielded
100 Mesh Suction Strainer	GUTTER BROOMS
120,000 BTU oil to air twin fan oil cooler	49" Diameter
PNEUMATIC SYSTEM	5 Segment Wire Filled Vertical Digger
Electronic Digital Readout Air Regulators	Hydraulic Direct Drive / In Cab Adjustable Variable Speed
Auxiliary Air Tank - 1,488 cu. in. capacity	Free Floating Air Suspension & Air Extension
Electro-Pneumatic valves with push to connect fittings	DUST CONTROL SYSTEM
HOPPER	Heavy Duty Electric diaphragm water pump
Construction, A36 Carbon Steel, 10 Gauge, 3/16" Floor	50 PSI, 5.88 GPM
Roof skylights plus LED illumination & viewing window	Water tank capacity 350 gallons, polyethylene
Capacity, 5.0 Cu.Yd.	25-foot long fire hydrant fill hose
Lift Capacity, 14,000 LBS	50 mesh cleanable filter, with shut off valve
Twin Cylinder Scissor Lift and Dump	Five nozzles in front of main broom
Variable Dump Height, 16" to 138"	Seven nozzle front spray bar
Side Inspection Door with Ladder Access	Four nozzles per gutter broom
External weatherproof dump switches	Air purge system for flushing water lines
CNG FUEL TANK	
52 DGE (Diesel Gallon Equivalent) CNG Fuel Tank	
Two cylinder, shut-off and defueling valve w/ gauges	OPERATING CONTROLS
SQUEEGEE CONVEYOR	Six Sense - Six programmable sweep settings
Heavy Duty, Constant-Radius Roller Chain	Swivel base console for left or right sweeping
Self-Aligning Bearings, Triple Sealed & Shielded	Keyed power switch
Hydraulic Direct Drive / In Cab Adjustable Variable Speed	Voltmeter, tachometer, and hour meter
Bolt In 3/16" Abrasion Resisting Floor Plate	Back lit sealed rocker switches with icon and text markings
BELT CONVEYOR	7" TFT LCD color display, 800 x 480 pixels
Heavy Duty Multi-Ply Belt w/ Full Width Cleats	SAFETY EQUIPMENT
Self-Aligning Bearings, Triple Sealed & Shielded	Two body props to lock hopper in raised position
Hydraulic Direct Drive / In Cab Adjustable Variable Speed	Rear view camera system
SWEEPER WARRANTY	Slow moving vehicle emblem, backup alarm,
12 Months 1200 Hours	5-lb fire extinguisher, and a warning triangle kit.

QTY	DESCRIPTION	PRICE
UNIT OPTION		SIM6SECNG
1	M6 Avalanche Single Engine CNG	\$ 327,315.00
Subtotal Unit Options		\$ 327,315.00

CONVEYOR OPTIONS			
1	Squeegee Conveyor w/ 3/16" AR Floor Plate	204R07	\$ -
	Squeegee Conveyor w/ 1/4" AR Floor Plate	204R08	\$ 1,190.00
1	Belt Conveyor	204F08	\$ -
	Extra Capacity Flights	204P30	\$ 320.00
	Drag Show, Brush, Left & Right (in lieu of Carbide Drag Shoes)	204U46	\$ -
Subtotal Conveyor Options			\$ -
MAIN BROOM OPTIONS (4003A)			
1	Main Broom, Tube, Standard	204E87	\$ -
	Main Broom, Strip	204F76	\$ 775.00
	Main Broom , Wafer	204F77	\$ 610.00
	Main Broom, Wafer Poly/Steel	204F78	\$ 1,000.00
Subtotal Main Broom Options			\$ -
GUTTER BROOM OPTIONS(4024A)			
	Broom, Dual	203T46	\$ -
	Broom, Tilt Manual, Dual OR	204G23	\$ -
	Broom, Tilt Power Dual	204G24	\$ 2,515.00
	Broom, Reversible - Per Side (Specify Side)	204H50	\$ 1,305.00
Subtotal Gutter Broom Options			\$ -
MISCELLANEOUS OPTIONS(7012A)			
	Auto Lube System Vogel Chassis & Sweeper	204J39	\$ 13,970.00
	Auto Lube System Vogel Sweeper	204J40	\$ 13,510.00
	Auto Lube Fill Kit, Pump and Grease	203B25	\$ 655.00
	Auto lube GL2 Sweeper/Chassis	204L33	\$ 17,480.00
	Auto lube GL2 Sweeper Only	204L34	\$ 15,405.00
	Remote Grease Point, Conveyor/Main Broom	204N59	\$ 1,085.00
	Toolbox Behind Cab (Cabover Only)**	204F82	\$ 1,595.00
	Manual, Sweeper, Additional Copy	203B26	\$ 355.00
	Additional Squeegee Conveyor, (3/16" Floor)	204G38	\$ 26,375.00
	Additional Belt Conveyor	204G39	\$ 26,375.00
1	Camera System, Single	203X81	\$ -
	Camera System, Dual (Must list location of 2nd camera in Special Options)	203X82	\$ 490.00
	Camera System, Three (Must list location of 3rd camera in Special Options)	203Z99	\$ 905.00
	Camera Sys, 4 w/ Split Screen Monitor (Location of camera 2, 3, 4 in Special Options)	204P83	\$ 1,415.00
	Leak Detection Kit	204R11	\$ 585.00
	DC Backup Hydraulic System	204L93	\$ 1,365.00
	Basic Sweeper Only Wrap	SOR	
Subtotal Miscellaneous Options			\$ -
HYDRAULIC SYSTEM OPTIONS (2003A)			
	Hydraulic Filter Restriction Alarm & Ind	204G35	\$ 320.00
	Hydraulic Pressure Gauge @ Valve Bank	203A99	\$ 245.00
	Hydraulic Pressure Gauge @ Valve Bank W/6" Hose	204G73	\$ 300.00
Subtotal Hydraulic System Options			\$ -
WATER SYSTEM OPTIONS (5010A)			
	High Pressure Wash-down w/ Hose Reel - 1500 PSI w/ Rota Nozzle	204H13	\$ 6,100.00
	High Pressure Wash-down - 1500 PSI w/ Rota Nozzle	203K66	\$ 4,480.00
	Additional 350 Gallon Water Tank* Cabover Only	204F73	\$ 4,930.00
	Water Fill Strainer	204L96	\$ 655.00
Subtotal Water System Options			\$ -
HOPPER OPTIONS (3007A)			
1	Hopper, Standard	204E58	\$ -
	Hopper, Stainless Steel (304) ~LIFETIME WARRANTY~	204G09	\$ 11,525.00
	Hopper, Stainless Steel (C12) ~LIFETIME WARRANTY~	204N37	\$ 6,965.00
	Hopper Load Leveler for Squeegee Conveyor	204H26	\$ 6,910.00
	Hopper Dump Assist Shaker	203J74	\$ 1,955.00
	Hopper Load Weight Alarm & Indicator	204P08	\$ 535.00
Subtotal Hopper Options			\$ -

REAR LIGHTING OPTIONS (6010A)				
1	Strobe, Rear W/Guard LED (Std) 1 ea or	203U11	\$	-
	Strobe, Rear LED 1 each or	203U10	\$	-
	Strobe, Dual Rear LED	203U20	\$	655.00
	Strobe, Dual Rear W/Guard LED	203U19	\$	985.00
	4 Surface Mounted Rear Strobes	204V36	\$	470.00
	Arrowboard, Traffic Guide, Split LED	203H47	\$	2,280.00
	Barlight, Rear LED	203U22	\$	1,190.00
	Barlight, Rear W/Guard LED	203U21	\$	1,270.00
	Hopper Dump Light, LED	204U59	\$	575.00
	Flush Mounted Rear Strobe / Turn Signals	204G31	\$	505.00
CAB LIGHTING OPTIONS (6010A)				
	Strobe, Cab LED	203U12	\$	410.00
	Strobe, Cab W/Guard LED	203U13	\$	575.00
	Barlight, Cab LED	203U23	\$	1,270.00
	Barlight, Cab W/Guard LED	204K75	\$	1,365.00
	Dual Mirror Mount Whelen Edge Strobes	204G91	\$	3,010.00
	Flood Light <i>(Must list location in Special Options)</i>	203V45	\$	310.00
	M2 Grill Mounted Strobes (2)	204J60	\$	540.00
	M2 Grill Mounted Strobes (4)	204T21	\$	700.00
Subtotal Lighting Options			\$	-
SPECIAL PAINT OPTIONS				
1	Paint, Standard	204D32	\$	-
	Paint, Special: Sweeper Unit Only	204D30	\$	1,520.00
	Paint, Special: Chassis Only	204D31	\$	5,760.00
	Special Paint Color: _____			
	Special Paint Code: _____			
1	Decal Kit	204E46	\$	-
Subtotal Special Paint			\$	-
CHASSIS MOUNTING OPTIONS				
	Freightliner M2 CNG 33K DS '23	<i>Call Factory</i>		
	Special Order Chassis			
CUSTOMER SUPPLIED CHASSIS				
	Customer Supplied Freightliner Chassis Mounting Fee	00888162	\$	3,500.00
	Customer Supplied Autocar Chassis Mounting Fee	00888162	\$	5,000.00
<i>Customer supplied chassis specs must be approved by Schwarze Product Management prior to quoting end user Final Chassis Specs must be submitted and signed off by Product Management at the time of submitting purchase order to Schwarze</i>				
CHASSIS DELIVERY DATE TO SCHWARZE		CHASSIS DEALER CONTACT NAME		
CHASSIS DEALERSHIP NAME		CHASSIS DEALER CONTACT NUMBER		
TRUCK KIT OPTIONS- MUST PICK 1				
	Freightliner M2	204F86	\$	-
M2 CHASSIS OPTIONS				
	Mirror, 12" Parabolic, Set	203616	\$	560.00
	Air Filter Restrict Ind Chassis	203465	\$	440.00
	Tire & Rim, Spare M2	203468	\$	2,530.00
	Horn, Air M2	203A41	\$	2,675.00
	Rim, Spare M2	203620	\$	635.00
Subtotal M2 Chassis Options			\$	-
QTY	SOR #	SPECIAL OPTIONS REQUEST	PART #	PRICE
Subtotal Special Options			\$	-

M6 AVALANCHE SINGLE ENGINE



ELECTRONIC BUILD SHEET

Purchase Order Number	Special Option Request

SOLD TO: Dealership Name "Buyer"		CUSTOMER NAME "Buyer"	
Address:		Address:	
Contact Name:		Contact Name:	
Contact Phone:		Contact Phone:	

M6SE AVALANCHE STANDARD EQUIPMENT

HYDRAULIC SYSTEM	MAIN BROOM
Pump, Variable displacement load sense piston	Diameter, 36"; Length 58"
Hydraulic Tank, 35 gallon, w/ shut-off valve	Hydraulic Direct Drive / In Cab Adjustable Variable Speed
Tank & Cab mounted level and temperature indicator	In-Cab Adjustable Pneumatic lift w/ Positive lift Lock
Hydraulic pressure, 3200 psi	Brush type: Solid core, Wafer or poly strip broom
5 Micro Tank Breather Filter	2" wide Tungsten Carbide Trailing Arm Dirt Shoes
10 micron cartridge return filter	Self-Aligning Bearings, Triple Sealed & Shielded
100 Mesh Suction Strainer	GUTTER BROOMS
120,000 BTU oil to air twin fan oil cooler	49" Diameter
PNEUMATIC SYSTEM	5 Segment Wire Filled Vertical Digger
Electronic Digital Readout Air Regulators	Hydraulic Direct Drive / In Cab Adjustable Variable Speed
Auxiliary Air Tank - 1,488 cu. in. capacity	Free Floating Air Suspension & Air Extension
HOPPER	DUST CONTROL SYSTEM
Construction, A36 Carbon Steel, 10 Gauge, 3/16" Floor	Heavy Duty Electric diaphragm water pump
Roof skylights plus LED illumination & viewing window	50 PSI, 5.88 GPM
Capacity, 5.0 Cu.Yd.	Water tank capacity 350 gallons, polyethylene
Lift Capacity, 14,000 LBS	25-foot long fire hydrant fill hose
Twin Cylinder Scissor Lift and Dump	50 mesh cleanable filter, with shut off valve
Variable Dump Height, 16" to 138"	Five nozzles in front of main broom
Side Inspection Door with Ladder Access	Seven nozzle front spray bar
External weatherproof dump switches	Four nozzles per gutter broom
SQUEEGEE CONVEYOR	Air purge system for flushing water lines
Heavy Duty, Constant-Radius Roller Chain	OPERATING CONTROLS
Self-Aligning Bearings, Triple Sealed & Shielded	Six Sense - Six programmable sweep settings
Hydraulic Direct Drive / In Cab Adjustable Variable Speed	Swivel base console for left or right sweeping
Bolt In 3/16" Abrasion Resisting Floor Plate	Keyed power switch
BELT CONVEYOR	Voltmeter, tachometer, and hour meter
Heavy Duty Multi-Ply Belt w/ Full Width Cleats	Back lit sealed rocker switches with icon and text markings
Self-Aligning Bearings, Triple Sealed & Shielded	7" TFT LCD color display, 800 x 480 pixels
Hydraulic Direct Drive / In Cab Adjustable Variable Speed	SAFETY EQUIPMENT
SWEEPER WARRANTY	Two body props to lock hopper in raised position
12 Months 1200 Hours	Rear view camera system
	Slow moving vehicle emblem, backup alarm
	5-lb fire extinguisher, and a warning triangle kit

QTY	DESCRIPTION	PRICE
POWER MODULE OPTIONS		SIM6SE
1	M6 Avalanche Single Engine	\$ 243,755.00
Subtotal Unit Options		\$ 243,755.00

CONVEYOR OPTIONS			
	Squeegee Conveyor w/ 3/16" AR Floor Plate	204R07	\$ -
	Squeegee Conveyor w/ 1/4" AR Floor Plate	204R08	\$ 1,230.00
1	Belt Conveyor	204F08	\$ -
	Extra Capacity Flights	204P30	\$ 310.00
	Drag Show, Brush, Left & Right (in lieu of Carbide Drag Shoes)	204U46	\$ -
Subtotal Conveyor Options			\$ -
MAIN BROOM OPTIONS (4003A)			
	Main Broom, Tube, Standard	204E87	\$ -
	Main Broom, Strip	204F76	\$ 775.00
	Main Broom, Wafer	204F77	\$ 610.00
	Main Broom, Wafer Poly/Steel	204F78	\$ 1,000.00
Subtotal Main Broom Options			\$ -
GUTTER BROOM OPTIONS(4024A)			
1	Broom, Dual	203T46	\$ -
	Broom, Tilt Manual, Dual OR	204G23	\$ -
	Broom, Tilt Power Dual	204G24	\$ 2,515.00
	Broom, Reversible - Per Side <i>(Must Specify Side in Special Options)</i>	204H50	\$ 1,305.00
Subtotal Gutter Broom Options			\$ -
MISCELLANEOUS OPTIONS(7012A)			
	Auto Lube System Vogel Chassis & Sweeper	204J39	\$ 13,970.00
	Auto Lube System Vogel Sweeper	204J40	\$ 13,510.00
	Auto Lube Fill Kit, Pump and Grease	203B25	\$ 655.00
	Auto lube GL2 Sweeper/Chassis	204L33	\$ 17,480.00
	Auto lube GL2 Sweeper Only	204L34	\$ 15,405.00
	Remote Grease Point, Conveyor/Main Broom	204N59	\$ 1,085.00
	Toolbox Behind Cab <i>(Cabover Only)**</i>	204F82	\$ 1,595.00
	Manual, Sweeper, Additional Copy	203B26	\$ 355.00
	Additional Squeegee Conveyor - Complete Kit (3/16" Floor)	204G38	\$ 26,375.00
	Additional Belt Conveyor	204G39	\$ 26,375.00
1	Camera System, Single	203X81	\$ -
	Camera System, Dual <i>(Must list location of 2nd camera in Special Options)</i>	203X82	\$ 470.00
	Camera System, Three <i>(Must list location of 2nd & 3rd camera in Special Options)</i>	204P82	\$ 875.00
	Camera Sys, 4 w/ Split Screen Monitor <i>(Location of camera 2, 3, 4 in Special Options)</i>	204P83	\$ 1,415.00
	Leak Detection Kit	204R11	\$ 585.00
	DC Backup Hydraulic System	204L93	\$ 1,365.00
	Electronic Inclinometer Indicator/Alarm	204N73	\$ 1,780.00
	Basic Sweeper Only Wrap	SOR	\$ -
	Toolbox Truckbody	204V74	\$ 690.00
	Air Hose Reel	204V76	\$ 765.00
Subtotal Miscellaneous Options			\$ -
HYDRAULIC SYSTEM OPTIONS (2003A)			
	Hydraulic Filter Restriction Alarm & Ind	204G35	\$ 320.00
	Hydraulic Pressure Gauge @ Valve Bank	203A99	\$ 245.00
	Hydraulic Pressure Gauge @ Valve Bank W/6" Hose	204G73	\$ 300.00
Subtotal Hydraulic System Options			\$ -
WATER SYSTEM OPTIONS (5010A)			
	High Pressure Wash-down w/ Hose Reel - 1500 PSI w/ Rota Nozzle	204H13	\$ 6,295.00
	High Pressure Wash-down - 1500 PSI w/ Rota Nozzle	203K66	\$ 4,480.00
	Additional 350 Gallon Water Tank * <i>Cabover Only</i>	204F73	\$ 4,930.00
	Water Fill Strainer	204L96	\$ 655.00
Subtotal Water System Options			\$ -

HOPPER OPTIONS (3007A)			
1	Hopper, Standard	204E58	\$ -
	Hopper, Stainless Steel (304) ~LIFETIME WARRANTY~	204G09	\$ 11,525.00
	Hopper, Stainless Steel (C12) ~LIFETIME WARRANTY~	204N37	\$ 6,965.00
	Hopper Load Leveler for Squeegee Conveyor	204H26	\$ 6,910.00
	Hopper Dump Assist Shaker	203J74	\$ 1,955.00
	Load Weight Alarm & Indicator	204P08	\$ 535.00
	Hopper Deluge from Hydrant Connection	204N10	\$ 2,360.00
Subtotal Hopper Options			\$ -
REAR LIGHTING OPTIONS (6010A)			
1	Strobe, Rear W/Guard LED (Std) 1 ea or	203U11	\$ -
	Strobe, Rear LED 1 each or	203U10	\$ -
	Strobe, Dual Rear LED	203U20	\$ 655.00
	Strobe, Dual Rear W/Guard LED	203U19	\$ 985.00
	4 Surface mounted Strobes on Rear of Sweeper, SCA Spec	204V36	\$ -
	SSI Folding Arrow Board, SCA Spec	204V42	\$ -
	Barlight, Rear W/Guard LED	203U21	\$ 1,270.00
	Hopper Dump Light, LED	204U59	\$ 575.00
	Flush Mounted Rear Strobe / Turn Signals	204G31	\$ 505.00
	4 Surface mounted Strobes on Rear of Sweeper	204V36	\$ 490.00
	Arrow Stick, Whelen 8 Lamp Super LED 30.36" Long	204S84	\$ 2,610.00
CAB LIGHTING OPTIONS (6010A)			
	Strobe, Cab LED	203U12	\$ 410.00
	Strobe, Cab W/Guard LED	203U13	\$ 615.00
	Barlight, Cab LED	203U23	\$ 1,270.00
	Barlight, Cab W/Guard LED	204K75	\$ 1,365.00
	Dual Mirror Mount Whelen Edge Strobes	204G91	\$ 3,010.00
	Floodlight, LED (Must list location in Special Options)	203V45	\$ 320.00
	Dual Bumper Mounted Strobes, SCA Spec	204V35	\$ -
	M2 Grill Mounted Strobes (4)	204T21	\$ 700.00
	Back of Cab Tool Holder	204V75	\$ 510.00
	Dual Bumper Mount Strobes	204V35	\$ 550.00
Subtotal Lighting Options			\$ -
SPECIAL PAINT OPTIONS			
1	Paint, Standard	204D32	\$ -
	Paint, Special: Sweeper Unit Only	204D30	\$ 1,520.00
	Paint, Special: Chassis Only	204D31	\$ 5,760.00
	Special Paint Color: _____		
	Special Paint Code: _____		
1	Decal Kit	204E46	\$ -
Subtotal Special Paint			\$ -
CHASSIS			
	Freightliner M2 33K DS '24 (AIR)	69874	\$ 111,780.00
	International DS CARB '23	69832	\$ 109,484.00
	Special Order Chassis		

CUSTOMER SUPPLIED CHASSIS				
	Customer Supplied Freightliner Chassis Mounting Fee	00888162	\$	3,500.00
	Customer Supplied International Chassis Mounting Fee	00888162	\$	3,500.00
	Customer Supplied Autocar Chassis Mounting Fee	00888162	\$	5,000.00
<i>Customer supplied chassis specs must be approved by Schwarze Product Management prior to quoting end user</i>				
<i>Final Chassis Specs must be submitted and signed off by Product Management at the time of submitting purchase order to Schwarze</i>				
CHASSIS DELIVERY DATE TO SCHWARZE		CHASSIS DEALER CONTACT NAME		
CHASSIS DEALERSHIP NAME		CHASSIS DEALER CONTACT NUMBER		
	International MV	206B19	\$	-
	Freightliner M2	204G55	\$	-
	Autocar Xpert	204G59	\$	-
	Peterbilt345	204G89	\$	-
M2 CHASSIS OPTIONS				
	Mirror, 12" Parabolic, Set	203616	\$	560.00
	Air Filter Restrict Ind Chassis	203465	\$	440.00
	Tire & Rim, Spare M2	203468	\$	2,530.00
	Block Heater	203469	\$	595.00
	Horn, Air M2	203A41	\$	2,675.00
	Rim, Spare M2	203620	\$	635.00
	Magnet, Bar, 90" FL M2	204A38	\$	3,305.00
	Magnet, Bar, 87" Self Dumping, FL M2	203X78	\$	6,955.00
Subtotal M2 Chassis Options			\$	-
IH CHASSIS OPTIONS				
	Mirror, 12" Parabolic, Set	203616	\$	560.00
	Seat, Suspension HI back, Each *	203461	\$	1,675.00
	Air Filter Restrict Ind Chassis	203465	\$	440.00
	Tire & Rim, Spare IH	203476	\$	2,600.00
	Block Heater, IH 4300	203C83	\$	525.00
	Tow Hooks, IH	203037	\$	410.00
	Rim, Spare IH	203478	\$	355.00
	Magnet, Bar, 90" IH	204A37	\$	3,275.00
	Magnet, Bar, 87" Self Dumping, IH	203U54	\$	6,955.00
Subtotal IH Chassis Options			\$	-
CABOVER CHASSIS OPTIONS (1055 Autocar)				
	Mirror, 12" Parabolic, Set (Autocar Only)	203616	\$	560.00
	Magnet, Bar, 90"		\$	3,275.00
	Air Filter Restrict Ind Chassis	203465	\$	300.00
	Tire & Rim, Spare Autocar	203468	\$	2,600.00
	Horn, Air Auto Car	203C53	\$	2,675.00
	Gauge, Hour Meter (Right Hand Only Kenworth/Peterbilt)	66504	\$	1,190.00
Subtotal Cabover Chassis Options			\$	-
QTY	SOR #	SPECIAL OPTIONS REQUEST	PART #	PRICE
Subtotal Special Options			\$	-

M6 AVALANCHE TWIN ENGINE



ELECTRONIC BUILD SHEET AND PURCHASE ORDER

Purchase Order Number	Special Option Request

SOLD TO: Dealership Name "Buyer"		CUSTOMER NAME "Buyer"	
Address:		Address:	
Contact Name:		Contact Name:	
Contact Phone:		Contact Phone:	

M6TE AVALANCHE STANDARD EQUIPMENT	
HYDRAULIC SYSTEM	MAIN BROOM
Pump, Variable displacement load sense piston	Diameter, 36"; Length 58"
Hydraulic Tank, 35 gallon, w/ shut-off valve	Hydraulic Direct Drive / In Cab Adjustable Variable Speed
Tank & Cab mounted level and temperature indicator	In-Cab Adjustable Pneumatic lift w/ Positive lift Lock
5 Micro Tank Breather Filter	Brush type: Solid core, Wafer or poly strip broom
10 micron cartridge return filter	2" wide Tungsten Carbide Trailing Arm Dirt Shoes
100 Mesh Suction Strainer	Self-Aligning Bearings, Triple Sealed & Shielded
120,000 BTU oil to air twin fan oil cooler	GUTTER BROOMS
PNEUMATIC SYSTEM	49" Diameter
Electronic Digital Readout Air Regulators	5 Segment Wire Filled Vertical Digger
Auxiliary Air Tank - 1,488 cu. in. capacity	Hydraulic Direct Drive / In Cab Adjustable Variable Speed
Electro-Pneumatic valves with push to connect fittings	Free Floating Air Suspension & Air Extension
HOPPER	DUST CONTROL SYSTEM
Construction, A36 Carbon Steel, 10 Gauge, 3/16" Floor	Heavy Duty Electric diaphragm water pump
Roof skylights plus LED illumination & viewing window	50 PSI, 5.88 GPM
Capacity, 5.0 Cu.Yd.	Water tank capacity 350 gallons, polyethylene
Lift Capacity, 14,000 LBS	25-foot long fire hydrant fill hose
Twin Cylinder Scissor Lift and Dump	50 mesh cleanable filter, with shut off valve
Variable Dump Height, 16" to 138"	Five nozzles in front of main broom
Side Inspection Door with Built In Ladder Access	Seven nozzle front spray bar
External weatherproof dump switches	Four nozzles per gutter broom
ENGINE	Air purge system for flushing water lines
Cummins QSF2.8 74 HP, Liquid Cooled	OPERATING CONTROLS
SQUEEGEE CONVEYOR	Six Sense - Six programmable sweep settings
Heavy Duty, Constant-Radius Roller Chain	Swivel base console for left or right sweeping
Self-Aligning Bearings, Triple Sealed & Shielded	Keyed Ignition switch & Electronic Throttle
Hydraulic Direct Drive / In Cab Adjustable Variable Speed	Voltmeter, tach, oil pressure, water temp and hour meter
Bolt In 3/16" Abrasion Resisting Floor Plate	Back lit sealed rocker switches with icon and text markings
BELT CONVEYOR	7" TFT LCD color display, 800 x 480 pixels
Heavy Duty Multi-Ply Belt w/ Full Width Cleats	SAFETY EQUIPMENT
Self-Aligning Bearings, Triple Sealed & Shielded	Two body props to lock hopper in raised position
Hydraulic Direct Drive / In Cab Adjustable Variable Speed	Rear view camera system
SWEEPER WARRANTY	Slow moving vehicle emblem, backup alarm,
12 Months 1200 Hours	5-lb fire extinguisher, and a warning triangle kit

QTY	DESCRIPTION	PRICE
POWER MODULE OPTIONS		
1	M6 Avalanche Twin Engine Cummins Tier 4f	\$ 272,045.00
Subtotal Unit Options		\$ 272,045.00

CONVEYOR OPTIONS			
1	Squeegee Conveyor w/ 3/16" AR Floor Plate	204R07	\$ -
	Squeegee Conveyor w/ 1/4" AR Floor Plate	204R08	\$ 1,230.00
1	Belt Conveyor	204F08	\$ -
	Extra Capacity Flights	204P30	\$ 310.00
	Drag Show, Brush, Left & Right (in lieu of Carbide Drag Shoes)	204U46	\$ -
Subtotal Conveyor Options			\$ -
MAIN BROOM OPTIONS (4003A)			
1	Main Broom, Tube, Standard	204E87	\$ -
	Main Broom, Strip	204F76	\$ 775.00
	Main Broom , Wafer	204F77	\$ 610.00
	Main Broom, Wafer Poly/Steel	204F78	\$ 1,000.00
Subtotal Main Broom Options			\$ -
GUTTER BROOM OPTIONS (4024A)			
1	Broom, Dual	203T46	\$ -
1	Broom, Tilt Manual, Dual OR	204G23	\$ -
	Broom, Tilt Power Dual	204G24	\$ 2,515.00
	Broom, Reversible - Per Side (Specify Side)	204H50	\$ 1,305.00
Subtotal Gutter Broom Options			\$ -
MISCELLANEOUS OPTIONS (7012A)			
	Auto Lube System Vogel Chassis & Sweeper	204J39	\$ 13,970.00
	Auto Lube System Vogel Sweeper	204J40	\$ 13,510.00
	Auto Lube Fill Kit, Pump and Grease	203B25	\$ 6,545.00
	Auto lube GL2 Sweeper/Chassis	204L33	\$ 17,480.00
	Auto lube GL2 Sweeper Only	204L34	\$ 15,405.00
	Remote Grease Point, Conveyor/Main Broom	204N59	\$ 1,085.00
	Toolbox Behind Cab (Cabover Only)**	204F82	\$ 1,595.00
	Manual, Sweeper, Additional Copy	203B26	\$ 355.00
	Additional Squeegee Conveyor, (3/16" Floor)	204G38	\$ 26,375.00
	Additional Belt Conveyor	204G39	\$ 26,375.00
1	Camera System, Single	203X81	\$ -
	Camera System, Dual (Must list location of 2nd camera in Special Options)	203X82	\$ 470.00
	Camera System, Three (Must list location of 2nd & 3rd camera in Special Options)	204P82	\$ 875.00
	Camera System, Four w/Split Screen (Location of camera 2, 3, 4 in Special Options)	204P83	\$ 1,415.00
	Leak Detection Kit	204R11	\$ 585.00
	DC Backup Hydraulic System	204L93	\$ 1,365.00
	Electronic Inclinometer Indicator / Alarm	204N73	\$ 1,780.00
	Basic Sweeper Only Wrap	SOR	\$ -
Subtotal Miscellaneous Options			\$ -
HYDRAULIC SYSTEM OPTIONS (2003A)			
	Hydraulic Filter Restriction Alarm & Ind	204G35	\$ 320.00
	Hydraulic Pressure Gauge @ Valve Bank	203A99	\$ 245.00
	Hydraulic Pressure Gauge @ Valve Bank W/6" Hose	204G73	\$ 300.00
Subtotal Hydraulic System Options			\$ -
WATER SYSTEM OPTIONS (5010A)			
	High Pressure Wash-down w/ Hose Reel - 1500 PSI w/ Rota Nozzle	204H13	\$ 6,295.00
	High Pressure Wash-down - 1500 PSI w/ Rota Nozzle	203K66	\$ 4,480.00
	Additional 350 Gallon Water Tank* Cabover Only	204F73	\$ 4,930.00
	Water Fill Strainer	204L96	\$ 655.00
Subtotal Water System Options			\$ -

HOPPER OPTIONS (3007A)			
1	Hopper, Standard	204E58	\$ -
	Hopper, Stainless Steel (304) ~LIFETIME WARRANTY~	204G09	\$ 11,525.00
	Hopper, Stainless Steel (C12) ~LIFETIME WARRANTY~	204N37	\$ 6,965.00
	Hopper Load Leveler for Squeegee Conveyor	204H26	\$ 6,910.00
	Hopper Dump Assist Shaker	203J74	\$ 1,955.00
	Hopper Load Weight Alarm & Indicator	204P08	\$ 535.00
	Hopper Deluge from Hydrant Connection	204N10	\$ 2,360.00
Subtotal Hopper Options			\$ -
AUXILIARY ENGINE OPTIONS (+2004A+)			
	Engine Oil Heater, Deutz	203B19	\$ 210.00
	Twin Glow Plug to -20 F, Deutz	203B20	\$ 715.00
	Water/Fuel Separator, Deutz	203G77	\$ 375.00
	Air Filter Restriction Ind. In-Cab. Deutz/Yanmar	203B80	\$ 210.00
	Block Heater, Yanmar	204U31	\$ 265.00
Subtotal Auxiliary Engine Options			\$ -
REAR LIGHTING OPTIONS (6010A)			
1	Strobe, Rear W/Guard LED (Std) 1 ea or	203U11	\$ -
	Strobe, Rear LED 1 each or	203U10	\$ -
	Strobe, Dual Rear LED	203U20	\$ 655.00
	Strobe, Dual Rear W/Guard LED	203U19	\$ 985.00
	Arrowboard, Traffic Guide, Split LED	203H47	\$ 2,280.00
	Barlight, Rear LED	203U22	\$ 1,190.00
	Barlight, Rear W/Guard LED	203U21	\$ 1,270.00
	Hopper Dump Light, LED	204U59	\$ 575.00
	Flush Mounted Rear Strobe / Turn Signals	204G31	\$ 505.00
	4 Surface mounted Strobes on Rear of Sweeper	204V36	\$ 490.00
	Arrow Stick, Whelen 8 Lamp Super LED 30.36" Long	204S84	\$ 2,610.00
CAB LIGHTING OPTIONS (6010A)			
	Strobe, Cab LED	203U12	\$ 410.00
	Strobe, Cab W/Guard LED	203U13	\$ 575.00
	Barlight, Cab LED	203U23	\$ 1,270.00
	Barlight, Cab W/Guard LED	204K75	\$ 1,365.00
	Dual Mirror Mount Whelen Edge Strobes	204G91	\$ 3,010.00
	Floodlight, LED (Must list location in Special Options)	203V45	\$ 320.00
	M2 Grill Mounted Strobes (2)	204J60	\$ 540.00
	M2 Grill Mounted Strobes (4)	204T21	\$ 700.00
Subtotal Lighting Options			\$ -
SPECIAL PAINT OPTIONS			
1	Paint, Standard	204D32	\$ -
	Paint, Special: Sweeper Unit Only	204D30	\$ 1,520.00
	Paint, Special: Chassis Only	204D31	\$ 5,760.00
	Special Paint Color: _____		
	Special Paint Code: _____		
1	Decal Kit	204E46	\$ -
Subtotal Special Paint			\$ -
CHASSIS MOUNTING OPTIONS			
	Freightliner M2 33K DS '24 (A/R)	69844	\$ 96,540.00
	Peterbilt 220 RHS 33K '23	Call Factory	
	Peterbilt 220 Dual Steer 33K '23	Call Factory	
	International DS CARB '23	69832	\$ 109,484.00
	Special Order Chassis		

CUSTOMER SUPPLIED CHASSIS				
	Customer Supplied Other Chassis Mounting Fee	00888162	\$	3,500.00
	Customer Supplied International Chassis Mounting Fee	00888162	\$	3,500.00
	Customer Supplied Autocar Chassis Mounting Fee	00888162	\$	5,000.00
<i>Customer supplied chassis specs must be approved by Schwarze Product Management prior to quoting end user Final Chassis Specs must be submitted and signed off by Product Management at the time of submitting purchase order to Schwarze</i>				
CHASSIS DELIVERY DATE TO SCHWARZE		CHASSIS DEALER CONTACT NAME		
CHASSIS DEALERSHIP NAME		CHASSIS DEALER CONTACT NUMBER		
TRUCK KIT OPTIONS- MUST PICK 1				
	International MV	206B18	\$	-
	Freightliner M2	204F34	\$	-
	Autocar Xpert 132" WB	204J56	\$	-
	Autocar Xpert 138" WB	204F00	\$	-
	Peterbilt 337	204N48	\$	-
	Kenworth K370/Peterbilt 220	204L03	\$	-
M2 CHASSIS OPTIONS (1006A)				
	Mirror, 12" Parabolic, Set	203616	\$	560.00
	Air Filter Restrict Ind Chassis	203465	\$	440.00
	Tire & Rim, Spare M2	203468	\$	2,530.00
	Block Heater	203469	\$	595.00
	Horn, Air M2	203A41	\$	2,675.00
	Rim, Spare M2	203620	\$	635.00
Subtotal M2 Chassis Options			\$	-
IH CHASSIS OPTIONS (1005A)				
	Mirror, 12" Parabolic, Set	203616	\$	560.00
	Seat, Suspension HI back, Each *	203461	\$	1,675.00
	Air Filter Restrict Ind Chassis	203465	\$	440.00
	Tire & Rim, Spare IH	203476	\$	2,600.00
	Block Heater, IH 4300	203C83	\$	525.00
	Tow Hooks, IH	203037	\$	410.00
	Rim, Spare IH	203478	\$	355.00
Subtotal IH Chassis Options			\$	-
<i>* 4300 M7 Only, State in notes location of Air Ride Seat</i>				
CABOVER CHASSIS OPTIONS (1055 Autocar)				
	Mirror, 12" Parabolic, Set (Autocar Only)	203616	\$	560.00
	Magnet, Bar, 90" Paccar	204L15	\$	2,990.00
	Air Filter Restrict Ind Chassis	203465	\$	300.00
	Tire & Rim, Spare Autocar	203468	\$	2,600.00
	Horn, Air Auto Car	203468	\$	2,675.00
	Gauge, Hour Meter (Right Hand Only Kenworth/Peterbilt)	66504	\$	1,190.00
Subtotal Cabover Chassis Options			\$	-
QTY	SOR #	SPECIAL OPTIONS REQUEST	PART #	PRICE
Subtotal Special Options			\$	-

SWEEPER EXTENDED WARRANTIES			
1	STANDARD- 1 Year or 1200 hours	STD	\$ -
	SILVER- 2 Years or 2400 Hours	SILVER	\$ 2,345.00
	GOLD- 3 Years or 3600 Hours	GOLD	\$ 5,825.00
	PLATINUM- 4 Years or 4800 Hours	PLATINUM	\$ 8,170.00
	DIAMOND- 5 Years or 6000 Hours	DIAMOND	\$ 10,305.00
Subtotal Sweeper Extend Warranties			\$ -

***Chassis and auxiliary power are both separate, and need to be purchased through local dealer/distributors*

FREIGHT OPTIONS			
<i>LTL and Full Truck Rates are subject to truck availability. Step Deck rates are quoted based on dealer having an unloading dock. If Schwarze arranges for unloading on behalf of the dealer, dealer will be billed for additional unloading expense.</i>			
1	Dealer to arrange freight	DEALER	\$ -
	Schwarze Arranged LTL Freight	LTL	
	Schwarze Arranged FULL TRUCK Freight	FULL	

Shipping Terms ~ Check 1

FOB ~ Huntsville, AL ExWorks ~ Huntsville, AL

Payment Terms: Place X in Appropriate Box		SHIP TO: NAME (If different from sold to)	
<input type="checkbox"/>	C.O.D		
<input type="checkbox"/>	Net 10	Address:	
<input type="checkbox"/>	Net 30		
<input type="checkbox"/>	Irrevocable Letter of Credit	Contact Name:	
<input type="checkbox"/>	Other	Contact Phone:	

M6 AVALANCHE PURCHASE ORDER

Buyer understands that this document is a binding purchase order and is a contract for the purchase of goods. This purchase order cannot be amended except in writing by both parties. Buyer agrees that by signing this Electronic Build Sheet and Purchase Order it has agreed to purchase the equipment and/or parts and attachments identified herein and has read and agreed to either: (i) Schwarze's terms and conditions in a validly executed dealer agreement if the Buyer is an authorized dealer or (ii) Schwarze's Standard Terms and Conditions of Sale located at www.schwarze.com/tc which are hereby incorporated by reference with the same force and effect as though fully set forth herein, if the Buyer is a direct customer.

Signature of Authorized Dealer Representative
 Submitting Purchase Order

Date

Make note of the following: All prices are subject to change without notice and are subject to surcharges. All pricing is quoted and to be paid in U.S. funds. Payment required before release of MSO. Warranties on chassis and auxiliary engine (if required) are provided by their manufacturer and are not covered by Schwarze Industries, LLC. Dealers are responsible for reviewing, and verifying, all quotes prior to submission in regards to the customers' bid requirements. Write-in options are subject to final approval concerning both structure and price by Schwarze Industries, LLC management. This Electronic Build sheet (EBS) is a communication tool between Schwarze Industries, LLC and it's authorized dealer. This EBS is proprietary to Schwarze Industries, LLC and may not be modified or used for any other purpose without the written consent of Schwarze Industries, LLC.