

DO NOT INVOICE THIS ADDRESS

City and County of Denver
Purchasing Division
201 W. Colfax Ave Dept. 304
Denver, CO 80202
United States of America
Ph: 720-913-8100 Fax: 720-913-8101



Purchase Order Number	PO-00168755
Purchase Order Date	Jun 18, 2025
Contract ID	
Payment Terms	Net 30
Payment Type	ACH
Buyer	Tim Marquez

Supplier
FARIS MACHINERY COMPANY P O BOX 911287 DENVER, CO 80291 United States of America Ph: (303) 2895743

Ship-To:	Please note: review the additional notes section below for some more specific agency contact information.
Roslyn Building C 5440 Roslyn St Bldg C Denver, CO 80216 United States of America Michael Helgeson	

Bill To
Bill To Same As Ship To Denver, CO 80202 United States of America Michael Helgeson

	Currency	Total Lines Amount	Tax Exempt	Total PO Amount
	USD	\$797,388.00	98-02890-0000	\$797,388.00
Shipping Terms		Shipping Method	Shipping Instructions	
FOB Destination		Common Carrier		

Goods Lines								
Line Number	Item Name	Supplier Item Identifier	Description	Due Date	Unit of Measure	Quantity	Unit Price	Line Amount
1			Faris Machinery Two Schwarze Mechanical Broom Street Sweepers M6SE \$392,710.00 each; \$785,420.00 tota. DOTI Street Maintenance REF# 2024-030 2025-066		Each	2	\$398,694.00	\$797,388.00
Faris Machinery Two Schwarze Mechanical Broom Street Sweepers M6SE \$392,710.00 each; \$785,420.00 tota. DOTI Street Maintenance REF# 2024-030 2025-066 sourcewell contract number #093021-SWZ								

Vendor to fill in and submit attached Exhibit "Vehicle Check-In".

Delivery will NOT be considered complete without the Vehicle Check-In form and payment will not be remitted.

Agency Contact: Michael Helgeson 720-865-3913
Michael.Helgeson@denvergov.org

Vendor Contact: Ty Edwards 720-363-1710
tyrell.edwards@farismachinery.com

Delivery: Monday through Friday between 8:00 am and 1:00 pm by appointment

Location:

City and County of Denver
Fleet Management
5440 Roslyn Street, Building C
Denver, CO 80216
Coordinate Delivery: (720) 865-3900

Title to Read:

City and County of Denver
201 West Colfax Avenue Dept 304
Denver, CO 80202

Documents to be Provided Upon Delivery:

Application for Title, State of Colorado

Odometer/Hours Statement
Vehicle Reference

REFER TO VENDOR QUOTE DATED 9/5/25 FOR SERVICE DESCRIPTION AND PRICING ONLY.

REF# 2024-030 | 2025-066

REFER TO EXHIBIT "A" FOR SERVICE DESCRIPTION AND PRICING ONLY.

VENDOR: You must contact the agency contact listed above to confirm this order.

Purchase Order price listed herein includes all shipping and handling.

All invoicing must match the purchase order exactly and contain the purchase order number.

All invoices must be sent directly to the bill to address listed on the purchase order, this address may be different than the ship to address. Changes to this purchase are not valid without prior approval from purchasing.

For additional questions regarding this purchase order, contact the Agency Contact listed above on the purchase order

ALL INVOICING AND CORRESPONDENCE MUST CONTAIN THE PURCHASE ORDER NUMBER IN FULL .

Faris Machinery
Two Schwarze Mechanical Broom Street Sweepers M6SE

DOTI Street Maintenance

Please include Vehicle Reference Numbers and PO Number on invoices

Purchase pursuant to DRMC 20-64.5. The terms and conditions herein supersede and replace all terms and conditions of Sourcwell Contract #093021-SWZ

3.26(e)-This Purchase Order is contingent on Council approval and is void without such action.

Michael
Romero

Digitally signed by
Michael Romero

Authorized By

By accepting this Purchase Order you agree to the Terms and Conditions of the General Services Purchasing Division.
Follow the URL provided to the Purchase Order Terms and Conditions –
<https://denvergov.org/Government/Agencies-Departments-Offices/Agencies-Departments-Offices-Directory/General-Services/Purchasing-Division/Terms-and-Conditions>

CITY PO EXHIBIT
City and County of Denver
Fleet Management
Vendor Supplied Information Data

City Unit(s) # _____

(City Use Only)

ENTER CITY PURCHASE ORDER NUMBER: PO- _____

Example: PO-00003584

The following underlined forms and information are REQUIRED for new vehicle deliveries:

- ☐ Copy of entire Purchase Order (all pages)
- ☐ Original MSO (Manufacturers Statement of Origin) – is required for all vehicles except off-road and construction equipment. May receive one for some off road equipment if manufacturer issues one.
Name of purchaser: **City and County of Denver**
Address: **201 W. Colfax Ave. Dept. 304**
Denver, CO 80202
- ☐ Secured Dealer Bill of Sale (DR2407) – IN STATE ONLY – Required for on the road vehicles Such as cars, pickup[s], vans and any vehicle under 16,000 GVWR. Not needed if odometer Section is filled out and signed on MSO. Not required on vehicles over 16,000GVWR LBS.
- ☐ Application for Title and Registration (DR2395) – Required for all on-road vehicles and trailers.
- ☐ Verification of Vehicle Identification Number (DR2698) – Required for all Vehicles coming from an out of state dealer, incomplete vehicle. I.E. Cab and Chassis.
- ☐ Statement of Fact (DR2444) - Required on all vehicles with modifications to the cab and chassis. Such as a body crane, auxiliary engine, etc. The statement of fact must include the modifications made and include VIN numbers of chassis and equipment.
- ☐ Special Mobile Machinery Form (DR2689) - Required on all off road and Construction equipment. I.E. Front end loaders, tractors, skid steer loaders, Mowers, air compressors, motor graders, etc.
- ☐ Weight slip required - (on all incomplete vehicles that are made into a complete vehicle) – and all off-road equipment and construction type equipment. (Front end loaders, sweepers, graders, air compressors, rollers, etc.).
- ☐ Temporary License Plate – Required for all on-road vehicles. Not required for off road Equipment.
- ☐ Original Dealer Invoice – Required for all vehicles on and off the Road.
- ☐ Receipt or Contract for Optional Warranty – Only if spec or called out on P.O.
- ☐ Shop and Parts manuals (as required) (CD or electronic form preferred) – Only if spec or show as a line item of P.O.
- ☐ Standard Sales Tax Receipt for Vehicle Sales (DR0024)-IN STATE ONLY- Required for purchases to disclose the purchase amount to the state.

Dealer Signature: _____ Date: _____

FARIS

MACHINERY



City and County of Denver
Schwarze M6SE Street Sweeper
Sourcwell Proposal

Proposal

September 5, 2025

Michael Helgeson
City and County of Denver
201 West Colfax Ave Dept #908
Denver, CO 80202

Dear Michael:

We are pleased to provide prices on the following Schwarze equipment based on the Sourcewell Contract #093021-SWZ. The Sweeper is equipped as follows:

One - Schwarze M6SE Mechanical Street Sweeper with high dump hopper, dual side brooms and all equipment listed on the attached build sheet mounted on a Freightliner M2 chassis. Serial Number: 25-M6SE-629.

Price FOB Denver CO-----	\$420,389.00
Less Sourcewell Discount-----	-\$21,695.00
Final Price FOB Fort Collins, CO-----	\$398,694.00

Trade-In None.
Terms: Net 30 days after receipt of the invoice.
Estimated Delivery: Stock, subject to prior sale.

Additional Terms and Conditions

- All Prices are firm for 30 days from the date of the quote, subject to change by manufacturer without notice.
- If financed, order is subject to credit approval.
- Special order equipment may require a down payment prior to order being placed with the manufacturer.
- Unless other wise noted, prices do not include state or local taxes.

Thank you for the opportunity of quoting this equipment.

Sincerely,

FARIS MACHINERY COMPANY

Ty Edwards

Ty Edwards

District Manager

Cell Phone # 720-363-1710

e-mail Address: dustin,clymer@farismachinery.com

By: _____

City and County of Denver

Date _____

This order is not binding until accepted by Faris Machinery Company, and is subject to terms and conditions set forth by Faris Machinery Company. No additional conditions, agreements or modifications to the terms herein shall be accepted by Faris Machinery Company.

Quote #: SW-M6-DENVER-01-090525

M6 AVALANCHE

SINGLE ENGINE



ELECTRONIC BUILD SHEET AND PURCHASE ORDER

Purchase Order Number	Special Option Request

SOLD TO: Dealership Name "Buyer"		CUSTOMER NAME "Buyer"	
Faris Machinery, Inc.		City & County of Denver	
Address:	Faris Machinery, Inc	Address:	City & County of Denver
	5770 E 77th Avenue		
	Commerce, CO 80022		Denver, Colorado
Contact Name:	Brad Elliott	Contact Name:	Michael Helgeson - Operations Manager
Contact Phone:	303-289-5743	Contact Phone:	720-865-3912

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
	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
SQUEEGEE CONVEYOR	OPERATING CONTROLS
Heavy Duty, Constant-Radius Roller Chain	Six Sense - Six programmable sweep settings
Self-Aligning Bearings, Triple Sealed & Shielded	Swivel base console for left or right sweeping
Hydraulic Direct Drive / In Cab Adjustable Variable Speed	Keyed power switch
Bolt In 3/16" Abrasion Resisting Floor Plate	Voltmeter, tachometer, and hour meter
BELT CONVEYOR	Back lit sealed rocker switches with icon and text markings
Heavy Duty Multi-Ply Belt w/ Full Width Cleats	7" TFT LCD color display, 800 x 480 pixels
Self-Aligning Bearings, Triple Sealed & Shielded	SAFETY EQUIPMENT
Hydraulic Direct Drive / In Cab Adjustable Variable Speed	Two body props to lock hopper in raised position

SWEEPER WARRANTY	Rear view camera system
12 Months 1200 Hours	Slow moving vehicle emblem, backup alarm
	5-lb fire extinguisher, and a warning triangle kit

	POWER MODULE OPTIONS		
1	M6 Avalanche Single Engine		
	CONVEYOR OPTIONS		
1	Squeegee Conveyor w/ 3/16" AR Floor Plate		204R07
	MAIN BROOM OPTIONS (4003A)		
1	Main Broom, Tube, Standard		204E87
	GUTTER BROOM OPTIONS(4024A)		
1	Broom, Dual		203T46
1	Broom, Tilt Power Dual		204G24
	MISCELLANEOUS OPTIONS(7012A)		
1	Auto lube GL2 Sweeper Only		204L34
1	Camera Sys, 4 w/ Split Screen Monitor <i>(Location of camera 2, 3, 4 in Special Options)</i>		204P83
1	DC Backup Hydraulic System		204L93
	HYDRAULIC SYSTEM OPTIONS (2003A)		
1	Hydraulic Pressure Gauge @ Valve Bank		203A99
	HOPPER OPTIONS (3007A)		
1	Hopper, Stainless Steel (C12) ~LIFETIME WARRANTY~		204N37
1	Hopper Dump Assist Shaker		203J74
	REAR LIGHTING OPTIONS (6010A)		
1	Strobe, Rear W/Guard LED (Std) 1 ea or		203U11
1	Arrow board, Traffic Guide, Split LED		203H47
1	Hopper Dump Light, LED		204U59
	CAB LIGHTING OPTIONS (6010A)		
1	Strobe, Cab W/Guard LED		203U13
	SPECIAL PAINT OPTIONS		
1	Paint, Standard		204D32
1	Decal Kit		204E46
	CHASSIS		
1	FL M2+ Left Hand Steer, 48 States, Non Carb		70362
	M2 CHASSIS OPTIONS		
1	Mirror, 12" Parabolic, Set		203616
QTY	SOR #	SPECIAL OPTIONS REQUEST	PART #
1	OPTION	Water Tank Sight Gauge	
1	OPTION	Flush Mounted Rear Amber Strobes in Rear Bumper on	
		Right and Left Sides	
1	NOTE	Cameras to be rear, right & left GB's and west coast mirror	
	SWEEPER EXTENDED WARRANTIES		
	STANDARD- 1 Year or 1200 hours		STD



The People You Know. The Products You Trust.



M6 AvalancheTM

5 Cubic Yard Mechanical Broom Street Sweeper

*Sweeper shown with optional equipment



- Easy Change Conveyor System
- Central Located Control Components
- Illuminated Hopper Interior
- 5 Micron Water Filter System

Quality	Performance	Public Safety	Value	Customer Support

800.879.7933

www.schwarze.com

Up to 138" Dump Height

M6 Avalanche™

5 Cubic Yard Mechanical Broom Street Sweeper



MADE IN THE USA



Brass & Galvanized Steel Spray Bars

*Optional Equipment Shown, Blue Frame Special Order

Variable high dump with up to 52 degree dump angle.

Easy to use backlit switches with text and icon labels.



49" Diameter Side Broom(s) with Gutter Broom Extension Override.



Easy access to sweeping and control components.



MUST HAVE OPTIONS

CONVEYER

Choose between a belt or squeegee conveyor.

GREATER VISION

Add up to two additional cameras (3 total) to the backup camera system.

PRESSURE WASHING

Add a pressure washer with hose reel for easy cleanup and pressure washing.

GET NOTICED

With your choice of arrowboard, extra flood lights and extensice safety lighting.



Available With
CUMMINS
Tier 4
Sweeper Engine



VALUE

We are dedicated to satisfying our customers by providing the most advanced training for their specific needs. Our training programs are designed to help operators of all skill levels learn the best operating practices for their Schwarze equipment.



PERFORMANCE

There is a lot riding on creating solutions that are suited to the particular needs of different industry applications. Innovation often involves high technology, but doesn't always have to be. Some of our best ideas have been simple, based on a clear and deep understanding of our customers' working lives.



QUALITY

In a Schwarze product, end user concerns like fuel efficiency, serviceability, durability, purchase cost, service cost, etc. are all taken into account. We also consider the needs and strive for ease of use and application optimization. It should be obvious, because when it comes to cost of ownership, quality pays.



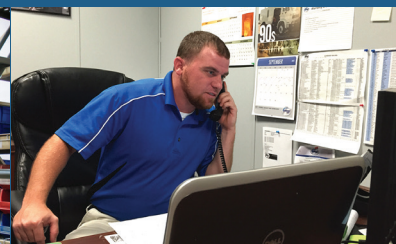
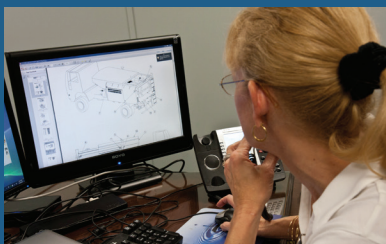
PUBLIC SAFETY

No other name speaks safety louder than Schwarze. Protecting operators, those around them, and minimizing our environmental impact are traditional values that continue to shape our product design philosophy.



CUSTOMER SUPPORT

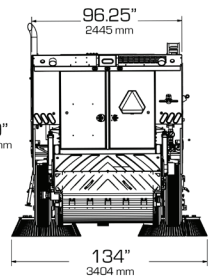
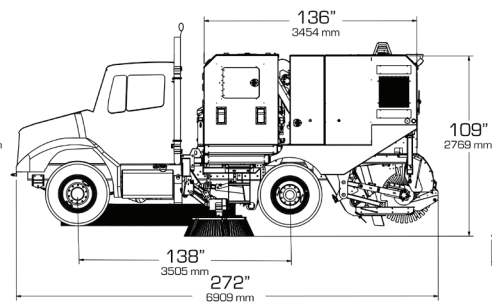
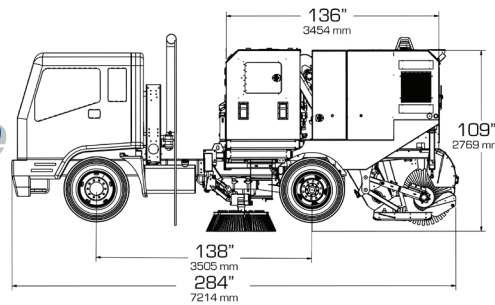
Being a Schwarze customer means having a complete set of services at your fingertips. Schwarze can offer you a long-term relationship, protect your revenue and provide a full range of customer solutions, delivered by passionate people. At Schwarze, we don't see effective service and support just as an added value to your purchase, but as an integral part of it.



Also Available from Schwarze Industries, Inc:



M6 Avalanche



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

CONVEYER

Bearings	Self-aligning, triple-sealed and shielded
Conveyer floor	Bolt-on; replaceable
Speed	Forward and reverse, in-cab variable speed standard, independent from engine rpm
Adjustment	Threaded rack
Drive	Direct drive hydraulic; forward and reverse
Hopper connection	Positive seal to eliminate debris spillage
Suspension	Air cylinders with in-cab adjustment for lower conveyer lift
Conveyer jam warning	Console-mounted, light and alarm

CONVEYER / SQUEEGEE

Conveyer	Squeegee with replaceable flights
Conveyer chain	Precision, heavy duty, constant-radius roller chain
Flexibility	Flexes for large object passage
Cleaning	Built-in flushing system with high volume fan jet nozzles

CONVEYER / BELT

Conveyer	Heavy duty multi-ply belt with full width cleats
Cleaning	Built-in flushing system with high volume fan jet nozzles and lower roller flush

WATER SYSTEM

Capacity of tank	<i>SE conventional:</i> 350 gal (1325 L) <i>SE cabover:</i> 350 gal to 700 gal (1325 L to 2650 L) <i>TE conventional:</i> 200 gal (1230 L) <i>TE cabover:</i> 350 gal to 500 gal (1325 L to 2555 L)
Construction	Polyethylene
Filler	4 in (102 mm) air gap fill; tubular protected fill receptacle
Fill	Hose 25 ft with 2.5 in nst hydrant coupling (7620 mm x 63.5 mm)
Mounting	Bolt-on, removable
Pump	Electric diaphragm pump, 5.88 gpm (22.3 Lpm) at 50 psi (3.5 bar)
Spray bars	In-cab, independent control; 7 nozzles located across front bumper, 4 nozzles at each gutter broom and 5 nozzles across the main broom
Spray nozzles	All brass 80 degree fan pattern with 100 mesh tip strainer
Filter	200 mesh screen primary with 5 micron high capacity secondary filter

FUEL SYSTEM

Fuel tank	<i>Diesel,</i> 50 gallons (189.25 L) <i>CNG,</i> 50 DGE (Diesel Gal. Equivalent) at 3600 psi
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HYDRAULIC SYSTEM

Pump	Variable displacement load sense piston pump
Reservoir	35 gal (133 L) mounted above pump
Oil cooler	120 000 btu twin electric fans
Valves	Electro-mechanical; 12 V dc with lighted din connectors
Protection	Pressure relief
Controls	In-cab; all electric
Filtration	100-mesh suction, 10-micron return, 5-micron breather

ELECTRICAL SYSTEM

Voltage	12 V
Alternator	160 amp

SWEeper ENGINE (TWIN ENGINE ONLY)

Type	QSF2.8 diesel Tier 4F
Manufacturer	Cummins
Displacement	171 cu in (2.8 L)
Brake horsepower	74 @ 2500 rpm
Cooling system	Liquid-cooled

GUTTER BROOMS

Location	Behind cab
Diameter	49 in (1245 mm)
Type	5 segment wire filled plastic recyclable head
Speed	in-cab variable speed standard, independent from engine rpm
Suspension	Free-floating with air suspension and air extension
Drive	Full hydraulic
Adjustments	Manual tilt; in-cab remote hydraulic tilt (optional)
Bristles	26 in (660 mm) wire
Center deflector	Raises and lowers automatically with main broom

MAIN BROOM

Diameter	36 in (914 mm)
Length	58 in (1473 mm)
Bristles	Replaceable solid core, poly wafer, poly wafer/ steel combo or strip broom
Lift control	In-cab pneumatic lift with positive lock
Drive	Direct drive hydraulic motor
Mounting	Full floating
Speed	Forward and reverse, in-cab variable speed Standard, Independent from engine rpm
Bearings	Self-aligning
Dirt shoes	Trailing arm design with 2 in (51 mm) wide Tungsten carbide shoe with elastomeric flex link
Suspension	Air suspension with in-cab adjustment and display

DEBRIS HOPPER

Volumetric capacity	5.0 cu yds (3.82 cu m)
Construction	3/16 in floor, 10 gauge sides/ roof, temper pass/pickled in oil carbon steel optional stainless steel
Gross lift capacity	14 000 lbs (6350 kg)
Dumping	Scissor-lift with hopper tilt
Dump height	(Variable) 16 in (406 mm) to 138 in (3505 mm)
Inspection	Side door with ladder access, front view window with double skylight and led illumination

GENERAL

Wheelbase	<i>SE and TE-</i> 139 in (3532 mm) <i>Cabover-</i> 132 in (3353 mm)
Length	<i>SE and TE-</i> 273 in (6934 mm) <i>Cabover-</i> 269 in (6833mm)
Travel width	96 in (2438 mm)
Sweeping width	134 in (3404 mm) (brooms extended)
Overall height	113 in (2870 mm)
GVWR	33 000 lbs (14 969 kgs)

PAINT

One coat of sealer/primer and two coats of DuPont Imron Elite polyurethane white color

Note: Specifications are subject to change without notice.

Affiliates:



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1055 Jordan Road
Huntsville, AL 35811
800.879.7933
An Alamo-Group Company



Freightliner M2 106



Components shown may not reflect all spec'd options and are not to scale

S P E C I F I C A T I O N

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-26M	M2 PRL-26M (EFF:7/26/21)		
Data Version			
DRL-027	SPECPRO21 DATA RELEASE VER 027		
Vehicle Configuration			
001-172	M2 106 CONVENTIONAL CHASSIS	5,709	3,503
004-223	2023 MODEL YEAR SPECIFIED		
002-004	SET BACK AXLE - TRUCK		
019-002	STRAIGHT TRUCK PROVISION		
003-012	LH PRIMARY STEERING LOCATION AND PREP FOR CUSTOMER SUPPLIED RH SIT-DOWN SECONDARY STEERING LOCATION WITH DUAL INSTRUMENT CLUSTER		
General Service			
AA1-002	TRUCK CONFIGURATION		
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE		
A84-1GM	GOVERNMENT BUSINESS SEGMENT		
AA4-010	DIRT/SAND/ROCK COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-091	MEDIUM TRUCK WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 10000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 23000.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 33000.0 lbs		
Truck Service			

Data Code	Description	Weight Front	Weight Rear
AA3-022	STREET SWEEPER BODY		
A88-99D	EXPECTED TRUCK BODY LENGTH : 11.75 ft		
AF3-197	SCHWARZE INDUSTRIES		
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in		
Engine			
101-3BN	CUM L9 300 HP @ 2200 RPM; 2200 GOV RPM, 860 LB-FT @ 1200 RPM	640	30
Electronic Parameters			
79A-066	66 MPH ROAD SPEED LIMIT		
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
79K-007	PTO MODE ENGINE RPM LIMIT - 1100 RPM		
79P-004	PTO RPM WITH CRUISE SET SWITCH - 900 RPM		
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM		
79S-008	PTO MODE CANCEL VEHICLE SPEED - 25 MPH		
79U-011	PTO GOVERNOR RAMP RATE - 1000 RPM PER SECOND		
79V-001	FUEL DOSING OF AFTERTREATMENT ENABLED IN PTO MODE-CLEANS HYDROCARBONS AT HIGH TEMPERATURES ONLY		
79W-002	TWO REMOTE PTO SPEEDS		
79X-005	PTO SPEED 1 SETTING - 900 RPM		
79Y-002	PTO SPEED 2 SETTING - 1000 RPM		
80G-002	PTO MINIMUM RPM - 700		
80J-001	REGEN INHIBIT SPEED THRESHOLD - 0 MPH		
Engine Equipment			
99C-021	2010 EPA/CARB/GHG21 CONFIGURATION		
99D-010	NO 2008 CARB EMISSION CERTIFICATION		
13E-001	STANDARD OIL PAN		
105-001	ENGINE MOUNTED OIL CHECK AND FILL		
014-1B5	SIDE OF HOOD AIR INTAKE WITH DONALDSON HIGH CAPACITY AIR CLEANER WITH SAFETY ELEMENT, FIREWALL MOUNTED		
124-1DJ	DR 12V 160 AMP 36-SI BRUSHLESS QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE	10	
292-235	(2) DTNA GENUINE, FLOODED STARTING, MIN 2000CCA, 370RC, THREADED STUD BATTERIES	10	
290-017	BATTERY BOX FRAME MOUNTED		

Data Code	Description	Weight Front	Weight Rear
281-001	STANDARD BATTERY JUMPERS		
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB		
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
289-001	NON-POLISHED BATTERY BOX COVER		
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	10	
295-029	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR		
131-013	AIR COMPRESSOR DISCHARGE LINE		
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
128-076	CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF	20	
016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
239-020	10 FOOT 00 INCH (120 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK		
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP		
242-011	ALUMINUM AFTERTREATMENT DEVICE/MUFFLER/TAILOPIPE SHIELD(S)		
273-018	HORTON DRIVEMASTER ADVANTAGE ON/OFF FAN DRIVE		
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		

Data Code	Description	Weight Front	Weight Rear
110-003	CUMMINS SPIN ON FUEL FILTER		
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER		
266-101	900 SQUARE INCH ALUMINUM RADIATOR	15	
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
270-016	RADIATOR DRAIN VALVE		
168-002	LOWER RADIATOR GUARD		
138-011	PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4	
140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
134-001	ALUMINUM FLYWHEEL HOUSING		
132-004	ELECTRIC GRID AIR INTAKE WARMER		
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH		

Transmission

342-584	ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	200	60
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Transmission Equipment

343-352	ALLISON VOCATIONAL PACKAGE 247 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS HS AND RDS
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84D-021	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 4, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE

	Data Code	Description	Weight Front	Weight Rear
	84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	84J-000	ENGINE BRAKE RANGE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	84K-000	ENGINE BRAKE RANGE ALTERNATE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
	84N-200	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED		
	84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		
	85E-007	MAXIMUM ENGINE SPEED FOR PTO ENGAGEMENT 800 RPM		
	85F-034	MAXIMUM ENGINE SPEED FOR PTO OPERATION 2000 RPM		
	85G-027	MAXIMUM OUTPUT SPEED FOR PTO ENGAGEMENT 700 RPM		
	85H-079	MAXIMUM OUTPUT SPEED FOR PTO OPERATION 2000 RPM - ALLISON 5TH GEN TRANSMISSIONS		
	353-022	VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT BACK OF CAB		
	34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED		
*	362-283	CHELSEA PTO - CHL890LFFJW B5XS		
	363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION ALLISON		
	341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
	345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
	97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013		
	370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
	346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
	35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment				
	400-1A5	DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE		
	402-020	MERITOR 15X4 Q+ CAM FRONT BRAKES		

	Data Code	Description	Weight Front	Weight Rear
	403-002	NON-ASBESTOS FRONT BRAKE LINING		
	419-023	CONMET CAST IRON FRONT BRAKE DRUMS		
	427-001	FRONT BRAKE DUST SHIELDS	5	
	409-006	FRONT OIL SEALS		
	408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
	416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		
	405-031	HALDEX AUTOMATIC FRONT SLACK ADJUSTERS WITH STAINLESS STEEL CLEVIS PINS		
	536-050	TRW THP-60 POWER STEERING		
	539-003	POWER STEERING PUMP		
	534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR		
	40T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT AXLE LUBE		
Front Suspension				
	620-1F0	12,000# DUAL TAPERLEAF FRONT SUSPENSION	42	
	619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
*	62G-007	355MM FRONT SUSPENSION WHEEL HEIGHT		
		62G-009 280MM FRONT SUSPENSION WHEEL HEIGHT		
	62H-010	FRONT SUSPENSION WITH LEFT HAND OFFSET SHACKLE BRACKET	4	
	410-001	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment				
N	420-1KG	23082T 23,000# R-SERIES 2-SPEED 48MM BOWL OFFSET SINGLE REAR AXLE		240
N	421-037	6.17/8.42 REAR AXLE RATIO		
	424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
	386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	-20	-20
	423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
	433-002	NON-ASBESTOS REAR BRAKE LINING		
	434-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)		
	451-023	CONMET CAST IRON REAR BRAKE DRUMS		
	425-002	REAR BRAKE DUST SHIELDS		5
	440-006	REAR OIL SEALS		

	Data Code	Description	Weight Front	Weight Rear
	426-1B2	BENDIX EVERSURE LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		
	428-031	HALDEX AUTOMATIC REAR SLACK ADJUSTERS WITH STAINLESS STEEL CLEVIS PINS		
	876-004	ELECTRIC OVER AIR CONTROL WITH INDICATOR LAMP FOR 2-SPEED REAR AXLE		
	87C-001	LOW RANGE TWO-SPEED DEFAULT WITH IGNITION OFF		
	898-002	AIR SHIFTER FOR 2-SPEED REAR AXLE		
	41T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE		
Rear Suspension				
*	622-150	HENDRICKSON HAS-230 REAR SUSPENSION		230
*	621-105	HEND HAS 10.0" RIDE HEIGHT		
*	431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
	888-048	MANUAL DUMP VALVE FOR AIR SUSPENSION WITH GAUGE		
	87D-006	INDICATOR LIGHT FOR EACH REAR SUSPENSION CONTROL SWITCH		
	910-001	SINGLE AIR REAR SUSPENSION LEVELING VALVE		
	623-002	TRANSVERSE CONTROL RODS		
*	439-010	REAR SHOCK ABSORBERS-ONE AXLE MOUNTED INBOARD		
Brake System				
	018-002	AIR BRAKE PACKAGE		
	490-100	WABCO 4S/4M ABS		
	871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
	904-001	FIBER BRAID PARKING BRAKE HOSE		
	412-001	STANDARD BRAKE SYSTEM VALVES		
	46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
	413-002	STD U.S. FRONT BRAKE VALVE		
	432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
	480-088	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER		
	483-004	WABCO OIL COALESCING FILTER FOR AIR DRYER		
	479-012	AIR DRYER MOUNTED UNDER HOOD		

	Data Code	Description	Weight Front	Weight Rear
*	460-008	STEEL AIR BRAKE RESERVOIRS MOUNTED INSIDE RAIL		
		LH IN-RAIL TANK TO HAVE SIDE PORTS TO AVOID AAVA VALVE REF KZ1059		
	477-004	PULL CABLES ON ALL AIR RESERVOIR(S)		
Trailer Connections				
	335-004	UPGRADED CHASSIS MULTIPLEXING UNIT		
	32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT		
Wheelbase & Frame				
	545-352	3525MM (139 INCH) WHEELBASE		
*	546-101	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI	-250	190
*	552-1AC	600MM (24 INCH) REAR FRAME OVERHANG		
*	55W-999	CUSTOM FRAME OVERHANG RANGE 24 INCH		
	AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 10071.23 in		
	AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 10068.23 in		
	AE4-99D	CALC'D FRAME LENGTH - OVERALL : -9820.24 in		
	FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 38.07 in		
	FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 101.18 in		
*	553-008	ANGLED END OF FRAME CUT WITH TOP AND BOTTOM FLANGE HOLES		
	550-001	FRONT CLOSING CROSSMEMBER		
	559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
	561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION		
	562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
*	572-021	ANGLED REAR CROSSMEMBER FOR STREET SWEEPERS		
*	565-001	STANDARD SUSPENSION CROSSMEMBER		
Chassis Equipment				
	556-1AN	THREE-PIECE 14 INCH STEEL CENTER BUMPER WITH FLEXIBLE PLASTIC ENDS		
	558-001	FRONT TOW HOOKS - FRAME MOUNTED	15	
	574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
	586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS		

	Data Code	Description	Weight Front	Weight Rear
	551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
*	606-276	DRILLING PREP FOR SCHWARZE INDUSTRIES INC. PER DRAWING SK-2418, REV D, 01/18/19		
Fuel Tanks				
	204-215	50 GALLON/189 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH	20	
	218-005	RECTANGULAR FUEL TANK(S)		
	215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
	212-007	FUEL TANK(S) FORWARD		
	664-001	PLAIN STEP FINISH		
	205-001	FUEL TANK CAP(S)		
	122-1J1	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR, HAND PRIMER AND 12 VOLT PREHEATER"	-5	
	216-020	EQUIFLO INBOARD FUEL SYSTEM		
	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires				
	093-1V4	CONTINENTAL HSR2 11R22.5 14 PLY RADIAL FRONT TIRES	16	
	094-1V4	CONTINENTAL HSR2 11R22.5 14 PLY RADIAL REAR TIRES		32
Hubs				
	418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS		
	450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
Wheels				
	502-657	ACCURIDE 51408 ACCU-LITE 22.5X8.25 10-HUB PILOT 6.16 INSET 2-HAND STEEL DISC FRONT WHEELS		
	505-657	ACCURIDE 51408 ACCU-LITE 22.5X8.25 10-HUB PILOT 2-HAND STEEL DISC REAR WHEELS		
	496-011	FRONT WHEEL MOUNTING NUTS		
	497-011	REAR WHEEL MOUNTING NUTS		
	495-998	NO PUSHER/TAG WHEEL MOUNTING NUTS		
Cab Exterior				
	829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		

Data Code	Description	Weight Front	Weight Rear
650-008	AIR CAB MOUNTING		
678-001	LH AND RH GRAB HANDLES		
646-045	MOLD-IN COLOR GRILLE		
65X-011	MOLD-IN COLOR HOOD MOUNTED AIR INTAKE GRILLE		
644-004	FIBERGLASS HOOD		
690-002	TUNNEL/FIREWALL LINER		
727-1AF	SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK	4	
726-002	DUAL ELECTRIC HORNS		
728-001	SINGLE HORN SHIELD		
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME		
78G-004	KEY QUANTITY OF 4		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
312-043	INTEGRAL HEADLIGHT/MARKER ASSEMBLY		
302-047	LED AERODYNAMIC MARKER LIGHTS		
311-001	DAYTIME RUNNING LIGHTS		
294-046	OMIT STOP/TAIL/BACKUP LIGHTS AND PROVIDE WIRING WITH SEPARATE STOP/TURN WIRES TO 4 FEET BEYOND END OF FRAME		-5
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		
74B-080	RH AND LH 8 INCH STAINLESS STEEL FENDER MOUNTED CONVEX MIRRORS WITH TRIPOD BRACKETS	8	
729-001	STANDARD SIDE/REAR REFLECTORS		
768-043	63X14 INCH TINTED REAR WINDOW		
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS		
654-027	RH AND LH ELECTRIC POWERED WINDOWS, PASSENGER SWITCHES ON DOOR(S)	4	
663-013	1-PIECE SOLAR GREEN GLASS WINDSHIELD		
659-020	2 GALLON WINDSHIELD WASHER RESERVOIR WITH FLUID LEVEL INDICATOR, FRAME MOUNTED		

Cab Interior

Data Code	Description	Weight Front	Weight Rear
707-1AK	OPAL GRAY VINYL INTERIOR		
706-013	MOLDED PLASTIC DOOR PANEL		
708-013	MOLDED PLASTIC DOOR PANEL		
772-006	BLACK MATS WITH SINGLE INSULATION		
785-001	DASH MOUNTED ASH TRAYS AND LIGHTER		
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING		
694-010	IN DASH STORAGE BIN		
696-012	CENTER STORAGE CONSOLE MOUNTED ON BACKWALL	20	
742-007	(2) CUP HOLDERS LH AND RH DASH		
680-006	GRAY/CHARCOAL FLAT DASH		
860-004	SMART SWITCH EXPANSION MODULE		
720-003	5 LB. FIRE EXTINGUISHER	10	
700-002	HEATER, DEFROSTER AND AIR CONDITIONER		
701-013	STANDARD HVAC DUCTING WITH PRE-FILTER FOR OUTSIDE AIR INTAKE		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-015	STANDARD HEATER PLUMBING		
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR		
702-002	BINARY CONTROL, R-134A		
739-034	PREMIUM INSULATION		
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES		
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM		
324-014	DOMELIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS		
655-005	LH AND RH ELECTRIC DOOR LOCKS		
722-028	TRIANGULAR REFLECTORS KIT WITHOUT FLARES SHIPPED LOOSE IN CAB	10	
756-338	BASIC ISRINGHAUSEN HIGH BACK AIR SUSPENSION DRIVERS SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30	
760-338	BASIC ISRINGHAUSEN HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	25	10
759-005	DUAL DRIVER AND PASSENGER SEAT ARMRESTS	8	

Data Code	Description	Weight Front	Weight Rear
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
758-014	BLACK CORDURA PLUS CLOTH DRIVER SEAT COVER		
761-014	BLACK CORDURA PLUS CLOTH PASSENGER SEAT COVER		
763-102	HIGH VISIBILITY ORANGE SEAT BELTS		
532-027	ADJUSTABLE STEERING COLUMN, SUPPLIER CONVERSION TO LH AND RH ADJUSTABLE TILT STEERING COLUMNS	10	
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		

Instruments & Controls

732-004	GRAY DRIVER INSTRUMENT PANEL
734-004	GRAY CENTER INSTRUMENT PANEL
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK
870-001	BLACK GAUGE BEZELS
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES
198-003	DASH MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH
844-001	2 INCH ELECTRIC FUEL GAUGE
148-073	ENGINE REMOTE INTERFACE FOR REMOTE THROTTLE
163-004	ENGINE REMOTE INTERFACE CONNECTOR IN ENGINE COMPARTMENT
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE

	Data Code	Description	Weight Front	Weight Rear
N	830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
	372-035	(1) DASH MOUNTED PTO SWITCH WITH INDICATOR LAMP	10	
	852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
	679-998	NO OVERHEAD INSTRUMENT PANEL		
	746-135	AM/FM/WB WORLD TUNER RADIO WITH SIRIUSXM, BLUETOOTH, IPOD INTERFACE, USB AND AUXILIARY INPUTS, J1939	10	
	747-001	DASH MOUNTED RADIO		
	750-002	(2) RADIO SPEAKERS IN CAB		
	753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF		
	78C-003	INTEROPERABLE SDAR ANTENNA		
	810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
	817-001	STANDARD VEHICLE SPEED SENSOR		
	812-001	ELECTRONIC 3000 RPM TACHOMETER		
	162-011	IDLE LIMITER, ELECTRONIC ENGINE		
	81Y-001	PRE-TRIP LAMP INSPECTION, ALL OUTPUTS FLASH, WITH SMART SWITCH		
	264-032	(2) OVERHEAD MOUNTED LANYARD CONTROLS: (1) OFFICER AIR HORN AND (1) DRIVER AIR HORN		
	836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
	660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		
	304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH		
	882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
	299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE		
	298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS		
Design				
	065-000	PAINT: ONE SOLID COLOR		
Color				
	980-5F6	CAB COLOR A: L0006EY WHITE ELITE EY		

Data Code	Description	Weight Front	Weight Rear
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
964-6Z7	BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX		
963-003	STANDARD E COAT/UNDERCOATING		

Certification / Compliance

996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS
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Secondary Factory Options

99B-001	SHIP TO FONTAINE (MOUNT HOLLY, NC) PRIOR TO DELIVERY
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Raw Performance Data

AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 10068.23 in
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Sales Programs

NO SALES PROGRAMS HAVE BEEN SELECTED

T O T A L V E H I C L E S U M M A R Y

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight ⁺	6626 lbs	4300 lbs	10926 lbs
Dealer Installed Options	0 lbs	0 lbs	0 lbs
Total Weight ⁺	6626 lbs	4300 lbs	10926 lbs

Extended Warranty

WAG-011	TOWING: 2 YEARS/UNLIMITED MILES/KM EXTENDED TOWING COVERAGE \$550 CAP FEX APPLIES
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Dealer Installed Options

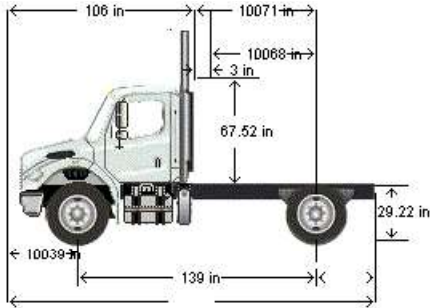
		Weight Front	Weight Rear
FDSS	FONTAINE DUAL STEERING STANDARD	0	0
Total Dealer Installed Options		0 lbs	0 lbs

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.

DIMENSIONS



VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Model	M2106
Wheelbase (545)	3525MM (139 INCH) WHEELBASE
Rear Frame Overhang (552)	CUSTOM FRAME OVERHANG
Fifth Wheel (578)	NO FIFTH WHEEL
Mounting Location (577)	NO FIFTH WHEEL LOCATION
Maximum Forward Position (in)	0
Maximum Rearward Position (in)	0
Amount of Slide Travel (in)	0
Slide Increment (in)	0
Desired Slide Position (in)	0.0
Cab Size (829)	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Sleeper (682)	NO SLEEPER BOX/SLEEPER CAB
Exhaust System (016)	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE

TABLE SUMMARY - DIMENSIONS

Dimensions	Inches
Bumper to Back of Cab (BBC)	106.3
Bumper to Centerline of Front Axle (BA)	10,038.7
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	10,071.2
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	10,068.2
Back of Cab Protrusions (Exhaust/Intake) (CP)	2.0
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	3.0
Back of Cab to End of Frame	-9,924.8
Cab Height (CH)	67.5
Wheelbase (WB)	138.8
Frame Overhang (OH)	-9,998.0
Overall Frame Length	-9,820.2
Overall Length (OAL)	-9,818.5
Rear Axle Spacing	0.0
Unladen Frame Height at Centerline of Rear Axle	29.2

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

F R A M E R B M

VEHICLE SPECIFICATIONS SUMMARY - FRAME RBM

Wheelbase (545)3525MM (139 INCH) WHEELBASE
 Frame Rails (546)..... 11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI(546)
 Yield Strength (psi) 120000
 Section Modulus (per rail) (cu in) 16.979
 RBM (per rail) (lbf-in) 2037600
 Inner Frame Reinforcement (547)..... NO INNER FRAME REINFORCEMENT
 Outer Frame Reinforcement (548) NO OUTER FRAME REINFORCEMENT

TABLE SUMMARY - FRAME RBM

Item	Description / Value
Wheelbase	3525MM (139 INCH) WHEELBASE
Frame	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI
Inner Frame Reinforcement	NO INNER FRAME REINFORCEMENT
Outer Frame Reinforcement	NO OUTER FRAME REINFORCEMENT
Yield Strength (psi)	120000
Section Modulus - per rail (cu. in.)	16.98
Frame RBM - per rail (lbf-in)	2037600

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

TURNING RADIUS



Turning radius graphic and data provided strictly for comparisons between model configurations. Weather, road surfaces, and tire treads affect the results. It is strongly suggested that actual vehicles be measured before constructing any roads/driveways using this information. For specific figures regarding your configuration, please contact your CAE representative.

	Dimensions	Tolerance
Wall to Wall Diameter (ft)	1693.3	+/- 3.0
Curb to Curb Diameter (ft)	38.8	+/- 3.0
Turning Radius (ft)	18.9	+/- 1.5

VEHICLE SPECIFICATIONS SUMMARY - TURNING RADIUS

Model	M2106
Cab Size (829).....	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Wheelbase (545)	3525MM (139 INCH) WHEELBASE
Front Tires (093).....	CONTINENTAL HSR2 11R22.5 14 PLY RADIAL FRONT TIRES
Width (in)	11.1
Front Axle (400).....	DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
Kingpin Intersection (in)	71.5
Bumper (556)	THREE-PIECE 14 INCH STEEL CENTER BUMPER WITH FLEXIBLE PLASTIC ENDS
Width (in)	93.5
Bumper Miter to Front Axle (in)	10019.458
Primary Steering Location (003) ...	LH PRIMARY STEERING LOCATION AND PREP FOR CUSTOMER SUPPLIED RH SIT-DOWN SECONDARY STEERING LOCATION WITH DUAL INSTRUMENT CLUSTER
Steering Gear (536).....	TRW THP-60 POWER STEERING
Dual Steering Gear	NONE
Ram.....	NONE
Rear Axle (420)	23082T 23,000# R-SERIES 2-SPEED 48MM BOWL OFFSET SINGLE REAR AXLE
Axle Spacing (624)	NO AXLE SPACING

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.



SCHWARZE SWEEPER 12 MONTH LIMITED WARRANTY

UNIT MODEL	UNIT SERIAL NUMBER	ENGINE MODEL	ENGINE SERIAL NUMBER	ORDER NUMBER
CHASSIS MAKE	CHASSIS MODEL	YEAR	VEHICLE IDENTIFICATION NUMBER	

Schwarze Industries, seller, provides warranty coverage to the original purchaser for all new equipment manufactured by Schwarze Industries, Inc. Schwarze-built sweepers are warranted to be free from defects in materials and/or workmanship under normal operating conditions, and when used in a proper application, for a period of twelve (12) consecutive months from the date placed into service, or twelve hundred (1200) hours of operation, whichever occurs first, provided all recommended maintenance is performed as scheduled.

WHAT WE WILL DO: Seller's sole obligation with respect to this Warranty shall be to replace or repair, at Seller's option, any part, parts or workmanship which may prove to be defective during the Warranty Period. Warranty work shall be performed at Seller's home office (1055 Jordan Road, N.E., Huntsville, Alabama 35811) or, at Seller's sole option, at the Schwarze authorized Dealer nearest to the purchaser's location.

WHAT IS NOT COVERED: This warranty shall not apply to damage or defects caused by negligence, carelessness, unauthorized repair work, use of unauthorized repair parts or to damage due to accident, misuse or abuse on the part of the purchaser or his or her or its servants, agents, representatives or employees, or to damage caused by acts of God. This Warranty shall not apply to routine maintenance, repair and adjustments, or to the wear parts, including but not limited to the following:

A-Series & S-Series Sweepers: flaps, drive belt, hoses, broom bristles, seals, low arms, throttle cable, fan housing liner, door trim, filters, light bulbs, tires, water nozzles, spray tips, screens, springs, switches, batteries, mud flaps and mirrors.

M-Series Sweepers: brooms, rubber sprockets, bearings, flaps, drive couplings, drag brush, caster wheels, light bulbs, tires, water nozzles, spray tips, belts, control cables, filters, switches, batteries, mud flaps and mirrors.

WARRANTY DISCLAIMER

Except for the warranties stated herein, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SELLER SHALL NOT UNDER ANY CIRCUMSTANCES BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES SUCH AS, BUT NOT LIMITED TO, DAMAGE OR LOSS OF OTHER PROPERTY OR EQUIPMENT, LOSS OF PROFITS OR REVENUE, COST OF CAPITAL, COST OF PURCHASE OR REPLACEMENT GOODS, OR CLAIMS OF CUSTOMERS OF PURCHASER FOR SERVICE INTERRUPTIONS.

The remedies of the Purchaser set forth herein are exclusive, and the liability of Seller with respect to the manufacture, sale, delivery, resale, installation or use of any goods covered by or furnished under this Limited Warranty shall not, in any event, exceed the price of the goods upon which such liability is based. Any parts or accessories not manufactured by Schwarze are warranted only to the extent that the manufacturer's Warranty may be passed on to Purchaser, and such parts and accessories are not subject to this Warranty or to any other warranty, expressed or implied. The limitations of remedies to repair or replacement and the disclaimer of all special, incidental or consequential damages are intended to be separate and independent limitations of Seller's liability.

HOW TO OBTAIN SERVICE: If a problem that is covered by this Warranty develops with this Schwarze Sweeper during the Warranty Period, PURCHASER MUST NOTIFY THE SCHWARZE IN WRITING PRIOR TO THE EXPIRATION OF THE WARRANTY PERIOD OR WAIVE ALL CLAIMS. Purchaser must then deliver the unit, at Purchaser's expense and risk of loss during transport, to Seller's Huntsville, Alabama address, or to the nearest Schwarze Industries, Inc. authorized Dealer. In lieu of presenting the unit for service, parts covered under this Warranty will be shipped at Purchaser's expense if the total weight of the parts is less than 25 lbs. If the Purchaser agrees to pay \$10.00 over the normal freight charges, parts covered under this 12 Month Warranty will be shipped via air freight for next-day delivery, when available. Those parts not shipped on an expedited basis, or weighing more than 25 lbs, will be shipped by Seller's normal methods (U.P.S. ground, common carrier, etc.) at the Purchaser's expense unless Purchaser specifies differently, and agrees to be liable for any additional shipping and freight charges. All parts covered under Warranty will be shipped C.O.D. unless the Purchaser has previously established an account with Schwarze and provided that such account is not past due and that the Purchaser has not exceeded his/ her/its credit limit. Warranty credit will be available only on parts which are received by Seller within thirty (30) days of the Purchaser's receipt, and if the replacement or repaired part is returned freight prepaid, and only if the component manufacturer approves it for warranty replacement. In NO case will credit be available for defective parts received by Seller later than (30) days after Schwarze ships the replacement part.

TRANSFER OF WARRANTY: This Warranty is nontransferable without prior approval, in writing, by Schwarze Industries, Inc., 1055 Jordan Road, N.E., Huntsville, Alabama, 35811. To be considered, any Transfer request must include the following information.

1. The vehicle identification number of the chassis.
2. Model and serial number of the sweeper
3. Original purchaser's name and address
4. Name and address of the current registered owner .
5. Name and address of the party to whom the Warranty is requested to be reassigned.

No employee or agent of Seller is authorized to alter or extend this Warranty or to assume any other liability on Seller's behalf. Any alterations or extensions shall not be valid or binding upon Schwarze. To get further help, notify the Schwarze Warranty Department by calling 1-800-879-7933, and identify yourself as a bearer of the Schwarze Sweeper 30 Day Limited Warranty.



The People You Know. The Products You Trust.

CUSTOMER PO TO DEALER AUTHORIZATION LETTER

Date: September 4, 2025

To: City and County of Denver

Denver, Colorado

RE: DEALER AUTHORIZATION TO RECEIVE SOURCEWELL MEMBER PO

To Whom It May Concern,

We authorize your local dealer, Faris Machinery, Inc., to receive a Purchase Order from you for the purchase of a Dealer Stock Schwarze Sweeper model M6SE quoted to you on 09/04/2025 according to the terms of our Sourcewell Contract Number 093021-SWZ. This letter is for a one-time authorized assignment of Contract Number 093021-SWZ, and cannot be duplicated on future orders, or quotations without specific written consent of Schwarze Industries, Inc. Please provide us with a copy of your purchase order for our records. You may email the Purchase Order to sourcewell@schwarze.com

Should you have any further questions or concerns, please do not hesitate to contact me.

Sincerely,

M.J. DuBois

MJ DuBois
Contract Administrator



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Parts and Service Support

Over 7 Decades of Building Your Heavy Equipment Success

Faris Machinery is your one-stop shop for all things heavy equipment. As a family-owned company with **71 years of experience**, we're dedicated to providing exceptional Field and Branch Service and building long-lasting relationships with our customers.

Unmatched Expertise You Can Trust

Our Service and Parts team of experts boasts a combined **500+ years of industry knowledge**. Whether you need help choosing the right equipment, maintaining your machines, or getting back up and running after a breakdown, we have the experience to handle it all.

Maximizing Your Uptime

We offer comprehensive Field and Branch Service and Parts solutions to keep your equipment running smoothly. Our dedicated service team is available to minimize downtime and ensure your projects stay on schedule.

More Than Just a Dealer, We're Family

At Faris Machinery, we understand the value of personalized service. We treat our customers like family, going the extra mile to understand your unique needs and find the perfect solutions for your business.

Your Partner in Progress

Your success is our success. That's why we go beyond just selling equipment. We consider ourselves partners in your heavy equipment journey, committed to helping you achieve your goals.

As always "We Put Our Customers First!"

Sincerely,

The Faris Machinery Team