

File 6670- Evaluation Sheet for 47' Digger Derrick Truck

			Vendor	Freightliner of Austin		Altec Industries, Inc.	
			Principal Place of Business	Austin, TX		St Joseph, MO	
Item	Qty	UOM	Description	Unit Price	Total	Unit Price	Total
1	1	ea	Digger Derrick	\$ 231,765.00	\$ 231,765.00	\$ 224,531.00	\$ 224,531.00
2			Manufacturer	Terex 4047		Altec DC 47	
3	1	ea	Delivery/Training	Included		Included	
			Total		\$ 231,765.00		\$ 224,531.00



FREIGHTLINER OF AUSTIN

1701 Smith Rd. (Hwy. 183 So.)
Austin, Texas 78721

Bus: 512-389-0000
FAX: 512-389-2663
Wats: 1-800-395-2005

Invoice Number

Date: 10-11-2017

PURCHASING NAME

City of Denton

ADDRESS

601 E Hickory

CITY

Denton

TELEPHONE

STATE

Tx

ZIP CODE

76205

YEAR	MAKE	MODEL/BODY	VIN	LICENSE PLATE
2018	Freightliner	M2-106	Order	
MILEAGE:				
Tx Buy Board 521-16				
2018 Freightliner M2-106 chassis per specs				231,365.00
to include Terex 4047 Digger Derrick				
Quote # QU09818-03 10-9-17				
Revised 10-12-17				
Tx Buy Board fee (per PO)				400.00
Disclaimer of Warranties				
Any warranties on the products sold hereby are those made by the factory. The Seller, Freightliner of Austin, hereby expressly disclaims all warranties, either expressed or implied including any implied warranty of merchantability or fitness for a particular purpose, and Freightliner of Austin, neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of this vehicle.				
CUSTOMER SIGNATURE				
SALESMAN SIGNATURE Tom Standard 512-468-7270				

CONTRACTUAL DISCLOSURE STATEMENT FOR USED VEHICLE ONLY. *The information you see on the window form for this vehicle is part of this contract. Information on the window form overrides any contrary provisions in the contract of sale. *

MILEAGE:				TRADE-IN	
YEAR	MAKE	MODEL/BODY	VIN	LICENSE PLATE	
MILEAGE:				TRADE-IN	
YEAR	MAKE	MODEL/BODY	VIN	LICENSE PLATE	
				TOTAL	231,765.00
PAYOFF TO:				Trade Allowance	
ADDRESS:				Trading Difference	
				Sales Tax	
GOOD UNTIL:				Vehicle Inventory Tax	
QUOTED BY:				License Fee	
SHOW LEIN TO:				Body Type:	Documentary Fee
ADDRESS:				License Wt.:	Federal Excise Tax
				State Insp.:	TOTAL SALE PRICE 231,765.00
DATED:				License:	Payoff on Trade
DRAFT FOR \$				Title:	Ext. Service Agreement
DRAFT THRU:				Transfer:	Less Deposit
ADDRESS:				Total Balance Due	231,765.00

Prepared for:
Casey Pratt
Terex Utilities
142 Gembler Rd
San Antonio, TX 78219
Phone: 605-520-9073

Prepared by:
Tom Standard
FREIGHTLINER OF AUSTIN
1701 SMITH ROAD
AUSTIN, TX 78721
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E-Mail: tstandard@ftl1.com

Casey Pratt,

2018-19 Freightliner M2-106 35K chassis per request for City of Denton. Chassis includes Cummins ISB 260 HP engine, Allison trans, rear axle diff locks, trlr towing pkg. Quote is for chassis only and does not include any applicable taxes or fees. Drop shipped to Watertown. Revised 148 code 10-9-17

Thank you,

Tom Standard



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Q U O T A T I O N

M2 106 CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK CUM B6.7 260 HP @ 2400 RPM, 2600 GOV, 660 LB/FT @ 1600 RPM ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION RS-21-160 21,000# R-SERIES SINGLE REAR AXLE 23,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER	DETROIT DA-F-14.7-3 14,700# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE 14,600# TAPERLEAF FRONT SUSPENSION 106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB 4800MM (189 INCH) WHEELBASE 7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI 2550MM (100 INCH) REAR FRAME OVERHANG
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	TOTAL # OF UNITS (1)	PER UNIT	TOTAL
VEHICLE PRICE	\$	75,750	\$ 75,750
EXTENDED WARRANTY	\$	200	\$ 200
DEALER INSTALLED OPTIONS	\$	0	\$ 0
CUSTOMER PRICE BEFORE TAX	\$	75,950	\$ 75,950

TAXES AND FEES

TAXES AND FEES	\$	0	\$ 0
OTHER CHARGES	\$	0	\$ 0

TRADE-IN

TRADE-IN ALLOWANCE	\$	(0)	\$ (0)
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BALANCE DUE	(LOCAL CURRENCY) \$	75,950	\$ 75,950
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COMMENTS:

Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:

Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.



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Q U O T A T I O N D E T A I L S

EXTENDED WARRANTY

TOWING: 1 YEAR/UNLIMITED	\$	200	\$	200
MILES/KM EXTENDED TOWING				
COVERAGE \$550 CAP FEX APPLIES				

Daimler Truck Financial

Financing that works for you.

See your local dealer for a competitive quote from Daimler Truck Financial, or contact us at Information@dtfoffers.com.

Daimler Truck Financial offers a variety of finance, lease and insurance solutions to fit your business needs. For more information about our products and services, visit our website at www.daimler-truckfinancial.com.

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

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-16M	M2 PRL-16M (EFF:04/25/17)		
Data Version			
DRL-023	SPECPRO21 DATA RELEASE VER 023		
Interior Convenience/Driver Retention Package			
055-998	NO INTERIOR CONVENIENCE PACKAGE		
Vehicle Configuration			
001-172	M2 106 CONVENTIONAL CHASSIS	5,759	3,503
004-218	2018 MODEL YEAR SPECIFIED		
002-004	SET BACK AXLE - TRUCK		
019-001	TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK	10	10
003-001	LH PRIMARY STEERING LOCATION		
General Service			
AA1-003	TRUCK/TRAILER CONFIGURATION		
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE		
A84-1GM	GOVERNMENT BUSINESS SEGMENT		
AA4-011	FIXED LOAD 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 : 14600.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 21000.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 35600.0 lbs		



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Data Code	Description	Weight Front	Weight Rear
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 45000.0 lbs		
Truck Service			
AA3-030	FLATBED/PLATFORM BODY WITH LIFT/PULL DEVICE		
AF4-99D	EXPECTED EMPTY BODY WEIGHT : 0.0 lbs		
A88-99D	EXPECTED TRUCK BODY LENGTH : 18.0 ft		
AF3-2A5	TEREX		
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in		
Tractor Service			
AA2-005	FLATBED TRAILER		
AH6-001	SINGLE (1) TRAILER		
Engine			
101-21V	CUM B6.7 260 HP @ 2400 RPM, 2600 GOV, 660 LB/FT @ 1600 RPM		
Electronic Parameters			
79A-072	72 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-002	PTO RPM WITH CRUISE SET SWITCH - 700 RPM		
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM		
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH		
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND		
80G-002	PTO MINIMUM RPM - 700		
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH		
Engine Equipment			
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		
13E-001	STANDARD OIL PAN		
105-001	ENGINE MOUNTED OIL CHECK AND FILL		
133-004	ONE PIECE VALVE COVER		
014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER		

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Data Code	Description	Weight Front	Weight Rear
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
292-098	(2) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 2250 CCA THREADED STUD BATTERIES		
290-017	BATTERY BOX FRAME MOUNTED		
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	8	
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 EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH	20	
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE		
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
239-001	STANDARD EXHAUST SYSTEM LENGTH		
237-052	RH STANDARD HORIZONTAL TAILPIPE		
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		

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Data Code	Description	Weight Front	Weight Rear
273-035	HORTON HT650 FRONTAL AIR ON/OFF ENGINE FAN CLUTCH		
276-002	AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED		
110-003	CUMMINS SPIN ON FUEL FILTER		
118-001	FULL FLOW OIL FILTER		
266-078	950 SQUARE INCH ALUMINUM RADIATOR		
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		
138-010	PHILLIPS-TEMRO 750 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		
155-057	DELCO 12V 29MT STARTER WITH INTEGRATED MAGNETIC SWITCH		

Transmission

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

343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV
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-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE

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Data Code	Description	Weight Front	Weight Rear
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		
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE		
84N-000	NEUTRAL AT STOP - DISABLED, FUELSENSE - DISABLED		
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		
353-023	VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT END OF FRAME		
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED		
362-1Y0	(2) CUSTOMER INSTALLED CHELSEA 277 SERIES PTO'S		
363-011	PTO MOUNTING, LH AND RH SIDES OF MAIN TRANSMISSION		
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		
346-013	TRANSMISSION OIL CHECK AND FILL WITH CROSSOVER TO CLEAR LH PTO AND DIRECT MOUNT PUMP		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		

Front Axle and Equipment

400-1A8	DETROIT DA-F-14.7-3 14,700# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
402-049	MERITOR 16.5X5 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
403-002	NON-ASBESTOS FRONT BRAKE LINING
419-023	CONMET CAST IRON FRONT BRAKE DRUMS

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Data Code	Description	Weight Front	Weight Rear
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		
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
536-012	TRW TAS-85 POWER STEERING	40	
539-003	POWER STEERING PUMP		
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR		
40T-001	ORGANIC SAE 80/90 FRONT AXLE LUBE		
Front Suspension			
620-010	14,600# TAPERLEAF FRONT SUSPENSION	170	
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
62H-010	FRONT SUSPENSION WITH LEFT HAND OFFSET SHACKLE BRACKET	4	
410-001	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment			
420-009	RS-21-160 21,000# R-SERIES SINGLE REAR AXLE		180
421-643	6.43 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		
393-998	NO DRIVELINE GUARD		
452-001	DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE		20
878-018	(1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE		
87B-004	BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH		
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		

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Data Code	Description	Weight Front	Weight Rear
425-002	REAR BRAKE DUST SHIELDS		
440-006	REAR OIL SEALS		
426-100	WABCO TRISTOP D LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS		
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE		
Rear Suspension			
622-1MJ	23,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER		110
621-001	SPRING SUSPENSION - NO AXLE SPACERS		
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
Brake System			
018-002	AIR BRAKE PACKAGE		
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL		
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		
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER		
479-012	AIR DRYER MOUNTED UNDER HOOD		
460-014	STEEL AIR TANKS MOUNTED BELOW FRAME RAILS	5	5
607-001	CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD		
477-004	PULL CABLES ON ALL AIR RESERVOIR(S)		
Trailer Connections			
914-001	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS		

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296-027	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR COMBINATION STOP/TURN, CENTER PIN POWERED THROUGH IGNITION WITH STOP SIGNAL PREWIRE PACKAGE		
297-001	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME		
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT		
32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT		
30L-998	NO HIGH CURRENT TRAILER/BODY CABLE		
Wheelbase & Frame			
545-480	4800MM (189 INCH) WHEELBASE		
546-102	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI	160	280
552-063	2550MM (100 INCH) REAR FRAME OVERHANG		
55W-009	FRAME OVERHANG RANGE: 91 INCH TO 100 INCH	-50	210
549-093	8 INCH BOLT ON FRONT FRAME EXTENSION	55	
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 123.45 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 120.45 in		
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 318.39		
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 123.45 in		
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 126.23 in		
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 108.37 in		
553-001	SQUARE END OF FRAME		
550-001	FRONT CLOSING CROSSMEMBER		
559-003	LIGHTWEIGHT HEAVY DUTY ALUMINUM ENGINE CROSSMEMBER	-12	
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
572-001	STANDARD REARMOST CROSSMEMBER		
565-001	STANDARD SUSPENSION CROSSMEMBER		
Chassis Equipment			
556-997	OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT COMPLY WITH FMCSR 393.203	-60	
558-001	FRONT TOW HOOKS - FRAME MOUNTED	15	
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS		

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Data Code	Description	Weight Front	Weight Rear
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
489-998	NO TIRE PRESSURE CONTROL/SENSOR		
Fuel Tanks			
204-206	42 GALLON/159 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH	10	
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)		
122-1J2	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR AND HAND PRIMER	-5	
216-020	EQUIFLO INBOARD FUEL SYSTEM		
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
221-001	FUEL COOLER	10	
Tires			
093-0RW	MICHELIN XZA2 ENERGY 315/80R22.5 20 PLY RADIAL FRONT TIRES	56	
094-1RJ	MICHELIN X WORKS Z 315/80R22.5 20 PLY RADIAL REAR TIRES		200
Hubs			
418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS	20	
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
Wheels			
502-433	ACCURIDE 29039 22.5X9.00 10-HUB PILOT 5.25 INSET 5-HAND STEEL DISC FRONT WHEELS	66	
505-445	ACCURIDE 29300 22.5X9.00 10-HUB PILOT 5-HAND STEEL DISC REAR WHEELS		164
50W-998	NO RIM/WHEEL TIRE PRESSURE SENSOR		
496-011	FRONT WHEEL MOUNTING NUTS		
497-011	REAR WHEEL MOUNTING NUTS		
Cab Exterior			
829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
650-008	AIR CAB MOUNTING		

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Data Code	Description	Weight Front	Weight Rear
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
754-008	2-1/2 INCH FENDER EXTENSIONS	10	
678-001	LH AND RH GRAB HANDLES		
646-023	HOOD MOUNTED CHROMED PLASTIC GRILLE		
65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE		
644-004	FIBERGLASS HOOD		
727-1AF	SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK	4	
726-001	SINGLE ELECTRIC HORN		
728-001	SINGLE HORN SHIELD		
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
312-038	INTEGRAL HEADLIGHT/MARKER ASSEMBLY WITH CHROME BEZEL		
302-047	LED AERODYNAMIC MARKER LIGHTS		
294-090	OMIT STOP/TAIL/BACKUP LIGHTS AND PROVIDE WIRING FOR COMBINED STOP/TURN LIGHTS TO FOUR FEET BEYOND END OF FRAME		-5
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
744-1BH	DUAL WEST COAST MOLDED-IN COLOR MIRRORS		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-1AP	LH AND RH 8 INCH MOLDED-IN COLOR CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		
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	TINTED WINDSHIELD		
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED		

Cab Interior

707-1AK	OPAL GRAY VINYL INTERIOR
706-013	MOLDED PLASTIC DOOR PANEL
708-013	MOLDED PLASTIC DOOR PANEL

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Data Code	Description	Weight Front	Weight Rear
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		
742-007	(2) CUP HOLDERS LH AND RH DASH		
680-006	GRAY/CHARCOAL FLAT DASH		
860-004	SMART SWITCH EXPANSION MODULE		
720-002	2-1/2 LB. FIRE EXTINGUISHER	5	
700-002	HEATER, DEFROSTER AND AIR CONDITIONER		
701-001	STANDARD HVAC DUCTING		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-015	STANDARD HEATER PLUMBING		
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		
702-002	BINARY CONTROL, R-134A		
739-033	STANDARD INSULATION		
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES		
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM		
324-011	DOME DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF		
655-005	LH AND RH ELECTRIC DOOR LOCKS		
284-023	(1) 12 VOLT POWER SUPPLY IN DASH		
722-002	TRIANGULAR REFLECTORS WITHOUT FLARES	10	
756-1J3	BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30	
760-235	2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT	20	
759-007	DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	4	
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
758-036	VINYL WITH VINYL INSERT DRIVER SEAT		
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT		
763-101	BLACK SEAT BELTS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10	
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL		

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Data Code	Description	Weight Front	Weight Rear
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		
Instruments & Controls			
732-004	GRAY DRIVER INSTRUMENT PANEL		
734-004	GRAY CENTER INSTRUMENT PANEL		
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		
721-001	97 DB BACKUP ALARM		3
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		
148-003	PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS		
73B-998	NO LANE DEPARTURE WARNING SYSTEM		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
679-001	OVERHEAD INSTRUMENT PANEL		
746-115	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH AND USB AND AUXILIARY INPUTS, J1939	10	
747-001	DASH MOUNTED RADIO		
750-002	(2) RADIO SPEAKERS IN CAB		
753-008	AM/FM ANTENNA MOUNTED ON LH SIDE MIRROR		

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Data Code	Description	Weight Front	Weight Rear
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
817-001	STANDARD VEHICLE SPEED SENSOR		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
813-998	NO VEHICLE PERFORMANCE MONITOR	-5	
8D1-998	NO DETROIT CONNECT SERVICES SELECTED		
8Z1-998	NO ZONAR SERVICES SELECTED		
162-011	IDLE LIMITER, ELECTRONIC ENGINE		
329-010	TWO ON/OFF ROCKER SWITCHES IN THE DASH WITH INDICATOR LIGHTS AND WIRE ROUTED TO CHASSIS AT BACK OF CAB, LABEL OPT		
81Y-001	PRE-TRIP LAMP INSPECTION, ALL OUTPUTS FLASH, WITH SMART SWITCH		
482-001	BW TRACTOR PROTECTION VALVE		
883-001	TRAILER HAND CONTROL BRAKE VALVE		
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		
304-003	MARKER LIGHT/HEADLIGHT SWITCH WITH SEPARATE INTERRUPTER FOR CLEARANCE LIGHTS		
882-004	TWO 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		
869-998	NO MISCELLANEOUS GAUGES		

Design

065-000	PAINTE: ONE SOLID COLOR
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Color

980-5F6	CAB COLOR A: L0006EB WHITE ELITE BC
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT
98K-998	NO FUEL TANK CABINET 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)

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Data Code	Description	Weight Front	Weight Rear
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

998-001	CORPORATE PDI CENTER IN-SERVICE ONLY
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TOTAL VEHICLE SUMMARY

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight ⁺	6594 lbs	4740 lbs	11334 lbs
Total Weight ⁺	6594 lbs	4740 lbs	11334 lbs

Extended Warranty

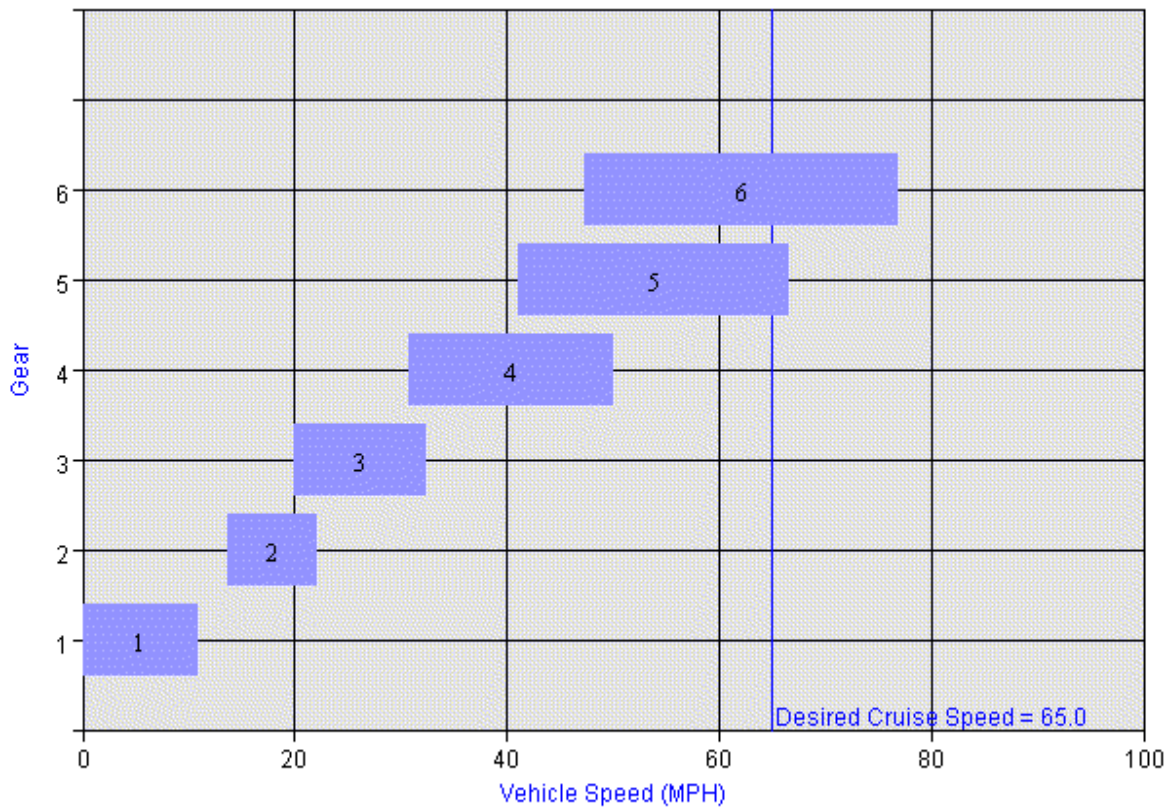
WAG-010	TOWING: 1 YEAR/UNLIMITED MILES/KM EXTENDED TOWING COVERAGE \$550 CAP FEX APPLIES
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(+) Weights shown are estimates only.
If weight is critical, contact Customer Application Engineering.

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O P E R A T I N G R A N G E



VEHICLE SPECIFICATIONS SUMMARY - OPERATING RANGE

Model	M2106
Cab Size (829).....	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Desired Cruise Speed (mph)	65.0
Engine (101).....	CUM B6.7 260 HP @ 2400 RPM, 2600 GOV, 660 LB/FT @ 1600 RPM
RPM at Peak Torque	1600

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Governed RPM.....	2600
Transmission (342).....	ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
Gear Ratio: LL	N/A
Gear Ratio: L	N/A
Gear Ratio: 1	4.59
Gear Ratio: 2	2.25
Gear Ratio: 3	1.54
Gear Ratio: 4	1
Gear Ratio: 5	0.75
Gear Ratio: 6	0.65
Gear Ratio: 7	N/A
Gear Ratio: 8	N/A
Gear Ratio: 9	N/A
Gear Ratio: 10	N/A
Gear Ratio: 11	N/A
Gear Ratio: 12	N/A
Gear Ratio: 13	N/A
Gear Ratio: 14	N/A
Gear Ratio: 15	N/A
Gear Ratio: 16	N/A
Gear Ratio: 17	N/A
Gear Ratio: 18	N/A
Auxiliary Transmission (352).....	NO AUXILIARY TRANSMISSION
Low Gear Ratio.....	N/A
High Gear Ratio.....	N/A
Transfer Case (373).....	NO TRANSFER CASE
Low Gear Ratio.....	N/A
High Gear Ratio.....	N/A
Rear Axle (420)	RS-21-160 21,000# R-SERIES SINGLE REAR AXLE
Number of Speeds.....	1
Rear Axle Gear Ratio(s).....	6.43 REAR AXLE RATIO
Rear Tires (094)	MICHELIN X WORKS Z 315/80R22.5 20 PLY RADIAL REAR TIRES
Revolutions per Mile	485

TABLE SUMMARY - OPERATING RANGE

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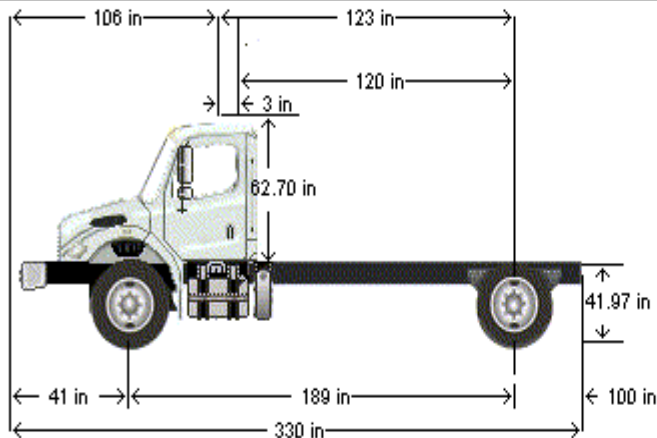
Transmission Gear	Transmission Gear Ratio	Rear Axle Ratio	Overall Gear Ratio	Minimum Speed (MPH)	Maximum Speed (MPH)
1	4.59	6.43	29.51	0	10.9
2	2.25	6.43	14.47	13.7	22.2
3	1.54	6.43	9.90	20.0	32.5
4	1.00	6.43	6.43	30.8	50.0
5	0.75	6.43	4.82	41.0	66.7
6	0.65	6.43	4.18	47.4	77.0

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

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D I M E N S I O N S



VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Model	M2106
Wheelbase (545)	4800MM (189 INCH) WHEELBASE
Rear Frame Overhang (552)	2550MM (100 INCH) REAR 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 HORIZONTAL TAILPIPE

TABLE SUMMARY - DIMENSIONS

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Dimensions	Inches
Bumper to Back of Cab (BBC)	106.3
Bumper to Centerline of Front Axle (BA)	40.7
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	123.4
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	120.4
Back of Cab Protrusions (Exhaust/Intake) (CP)	0.0
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	223.4
Cab Height (CH)	62.7
Wheelbase (WB)	189.0
Frame Overhang (OH)	100.0
Overall Length (OAL)	329.7
Rear Axle Spacing	0.0
Unladen Frame Height at Centerline of Rear Axle	42.0

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GVWR

VEHICLE SPECIFICATIONS SUMMARY - GVWR

Model M2106
Cab Size (829)..... 106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Expected Front Axle(s) Load (lbs)..... 14600.0
Expected Pusher Axle(s) Load (lbs)..... 0.0
Expected Rear Axle(s) Load (lbs) 21000.0
Expected Tag Axle(s) Load (lbs)..... 0.0
Expected GVW (lbs) 35600
Expected GCW (lbs) 45000.0
Front Axle (400)..... DETROIT DA-F-14.7-3 14,700# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
Front Suspension (620) 14,600# TAPERLEAF FRONT SUSPENSION
Front Hubs (418) CONMET PRESET PLUS PREMIUM IRON FRONT HUBS
Front Disc Wheels (502) ACCURIDE 29039 22.5X9.00 10-HUB PILOT 5.25 INSET 5-HAND STEEL DISC FRONT WHEELS
Front Tires (093) MICHELIN XZA2 ENERGY 315/80R22.5 20 PLY RADIAL FRONT TIRES
Front Brakes (402)..... MERITOR 16.5X5 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
Steering Gear (536) TRW TAS-85 POWER STEERING
Rear Axle (420) RS-21-160 21,000# R-SERIES SINGLE REAR AXLE
Rear Suspension (622)..... 23,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER
Rear Hubs (450) CONMET PRESET PLUS PREMIUM IRON REAR HUBS
Rear Disc Wheels (505)..... ACCURIDE 29300 22.5X9.00 10-HUB PILOT 5-HAND STEEL DISC REAR WHEELS
Rear Tires (094) MICHELIN X WORKS Z 315/80R22.5 20 PLY RADIAL REAR TIRES
Rear Brakes (423) MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
Pusher / Tag Axle (443) NO PUSHER OR TAG AXLE
Pusher / Tag Suspension (626) NO PUSHER OR TAG SUSPENSION
Pusher / Tag Hubs (449)..... NO PUSHER OR TAG HUBS
Pusher/Tag Disc Wheels (509) NO PUSHER/TAG DISC WHEELS
Pusher / Tag Tires (095)..... NO PUSHER/TAG TIRES
Pusher / Tag Brakes (456)..... NO PUSHER/TAG BRAKES

TABLE SUMMARY - GVWR

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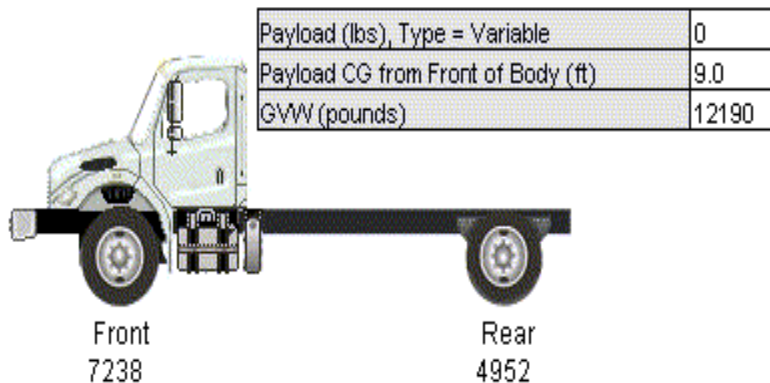
	Front	Rear
Axle Component Weight Ratings		
Axles	14700	21000
Suspension	14600	23000
Hubs	14700	26000
Brakes	14700	22000
Wheels	20000	40000
Tires	18180	33080
Power Steering	18000	N/A
GAWR (per axle)	14600	21000
GAWR (per axle system)	14600	21000
Expected Load (per axle system)	14600	21000
Vehicle GVWR Summary		
Calculated GVWR	35600	
Expected GVWR	35600	
All weights displayed in pounds		

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TRUCK WEIGHT



VEHICLE SPECIFICATIONS SUMMARY - TRUCK WEIGHT

Model M2106
Cab Size (829)..... 106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Expected Front Axle(s) Load (lbs)..... 14600.0
Expected Pusher Axle(s) Load (lbs)..... 0.0
Expected Rear Axle(s) Load (lbs) 21000.0
Expected Tag Axle(s) Load (lbs)..... 0.0
Expected GVW (lbs) 35600
Expected GCW (lbs) 45000.0
Wheelbase (545) 4800MM (189 INCH) WHEELBASE
Pusher / Tag Axle (443) NO PUSHER OR TAG AXLE
Front Axle to Back of Cab (in) 65.551
Cab to Body Clearance (in)..... 3.0
Front Axle to Body (in) 68.551
Truck Configuration (AA3) FLATBED/PLATFORM BODY WITH LIFT/PULL DEVICE
 Body Length (ft) 18.0
 Body Weight (lbs) 0.0
 Body Horiz CG from Body Front (ft) 10.0
 Body Front to Rear Axle(s) CL (ft) 10.04
Driver Weight (lbs) 500.0
Driver Horizontal CG from Front Axle (in) 46.302

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Left-Hand Fuel Tank (204).....42 GALLON/159 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH
Left Fuel Tank Horizontal CG (in)..... 44.389
Right-Hand Fuel Tank (206) NO RH FUEL TANK
Right Fuel Tank Horizontal CG (in) 0

TABLE SUMMARY - TRUCK WEIGHT

Item	Front(s)	Rear(s)	Total
Chassis Tare	6594	4740	11334
Fuel / Oil	266	90	356
Driver	378	122	500
Dealer Installed Options	0	0	0
Accessories	0	0	0
Body	0	0	0
Truck Tare Weight	7238	4952	12190
Payload	0	0	0
Calculated Axle Loads	7238	4952	12190
Expected Axle Loads / GVW	14600	21000	35600
GAWR / GVWR	14600	21000	35600
Payload CG From Front of Body	9 feet		
Payload CG From Front Axle	14.7 feet		
Payload Distribution	Variable		
All weights displayed in pounds			

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F R A M E R B M

VEHICLE SPECIFICATIONS SUMMARY - FRAME RBM

Wheelbase (545)4800MM (189 INCH) WHEELBASE
Frame Rails (546)..... 7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI(546)
Yield Strength (psi) 120000
Section Modulus (per rail) (cu in) 21.6
RBM (per rail) (lbf-in) 2592000
Inner Frame Reinforcement (547) NO INNER FRAME REINFORCEMENT
Outer Frame Reinforcement (548) NO OUTER FRAME REINFORCEMENT

TABLE SUMMARY - FRAME RBM

Item	Description / Value
Wheelbase	4800MM (189 INCH) WHEELBASE
Frame	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 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.)	21.60
Frame RBM - per rail (lbf-in)	2592000

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