

Prepared for:
Haylie Tysdal
ROSENBAUER AMERICA BB
100 3RD ST
LYONS, SD 57041
Phone: 605-543-9619

Prepared by:
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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

| | Description | Weight Front | Weight Rear |
|------------------------------|--|-----------------|----------------|
| Price Level | | | |
| | M2 PRL-29M (EFF:MY26 ORDERS) | | |
| Data Version | | | |
| | SPECPRO21 DATA RELEASE VER 042 | | |
| Vehicle Configuration | | | |
| | M2 106 PLUS CONVENTIONAL CHASSIS | 5,709 | 3,450 |
| | 2026 MODEL YEAR SPECIFIED | | |
| | SET BACK AXLE - TRUCK | | |
| | STRAIGHT TRUCK PROVISION, NON-TOWING | | |
| | LH PRIMARY STEERING LOCATION | | |
| General Service | | | |
| | TRUCK CONFIGURATION | | |
| | DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES) | | |
| | EPA CLEAN IDLE LABEL FOR INITIAL REGISTRATION IN EPA OR ACT STATES - (INCLUDES 6X4 INCH LABEL SHIPPED LOOSE) | | |
| | NONE | | |
| | FIRE SERVICE | | |
| | EMERGENCY VEHICLES BUSINESS SEGMENT | | |
| | LIQUID BULK COMMODITY | | |
| | TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS | | |
| | MAXIMUM 8% EXPECTED GRADE | | |
| | SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE | | |
| | MEDIUM TRUCK WARRANTY | | |
| | EXPECTED FRONT AXLE(S) LOAD : 16000.0 lbs | | |

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| Description | Weight Front | Weight Rear |
|---|-----------------|----------------|
| EXPECTED REAR DRIVE AXLE(S) LOAD : 30000.0 lbs | | |
| EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 46000.0 lbs | | |

Truck Service

FIRE TANK - NO MAIN DRIVELINE DRIVEN SPLIT-
SHAFT PTO/PUMP
ROSENBAUER
EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE
FRAME "XX" INCHES : 32.0 in

Engine

| | | |
|---|-----|----|
| CUM L9 360EV HP @ 2200 RPM, 2200 GOV RPM, 1150 LB-FT @ 1200 RPM, R/F/E | 640 | 30 |
|---|-----|----|

Electronic Parameters

60 MPH ROAD SPEED LIMIT
CRUISE CONTROL SPEED LIMIT 5 MPH HIGHER
THAN ROAD SPEED LIMIT
PTO MODE ENGINE RPM LIMIT - 1200 RPM
PTO MODE BRAKE OVERRIDE - SERVICE
BRAKE APPLIED
PTO RPM WITH CRUISE SET SWITCH - 1200
RPM
PTO RPM WITH CRUISE RESUME SWITCH - 1200
RPM
PTO MODE CANCEL VEHICLE SPEED - 15 MPH
PTO GOVERNOR RAMP RATE - 500 RPM PER
SECOND
FUEL DOSING OF AFTERTREATMENT ENABLED
IN PTO MODE-CLEANS HYDROCARBONS AT
HIGH TEMPERATURES ONLY
CRUISE CONTROL BUTTON PTO CONTROL AND
ONE REMOTE PTO SPEED
PTO SPEED 1 SETTING - 1200 RPM
PTO MODE MINIMUM RPM -- 775
REGEN INHIBIT SPEED THRESHOLD - 5 MPH
PTO 1, NO SWITCH, TEM SUPPLIED REQUEST
AND INTERLOCKS, WITH PTO CONNECTIONS,
ENGAGE BEFORE DRIVING INTERLOCK
PTO 2, NO SWITCH, TEM SUPPLIED REQUEST
AND INTERLOCKS, WITH PTO CONNECTIONS,
ENGAGE BEFORE DRIVING INTERLOCKS

Engine Equipment

EPA 2010/GHG 2024 CONFIGURATION

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| Description | Weight Front | Weight Rear |
|--|-----------------|----------------|
| STANDARD OIL PAN | | |
| ENGINE MOUNTED OIL CHECK AND FILL | | |
| SIDE OF HOOD AIR INTAKE WITH NFPA COMPLIANT EMBER SCREEN AND FIRE RETARDANT DONALDSON AIR CLEANER | | |
| DR 12V 275 AMP 40-SI BRUSHLESS PAD ALTERNATOR WITH REMOTE BATTERY VOLTAGE SENSE | 10 | |
| (2) DTNA GENUINE, FLOODED STARTING, MIN 2000CCA, 370RC, THREADED STUD BATTERIES | 10 | |
| BATTERY BOX FRAME MOUNTED | | |
| STANDARD BATTERY JUMPERS | | |
| SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB | | |
| WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN | | |
| NON-POLISHED BATTERY BOX COVER | | |
| NON-ESSENTIAL POSITIVE LOAD DISCONNECT, IN CAB CONTROL SWITCH MOUNTED OUTBOARD OF DRIVER SEAT | 2 | |
| PROGRESSIVE LOW VOLTAGE DISCONNECT AT 12.3 VOLTS FOR DESIGNATED CIRCUITS | 2 | |
| CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE | | |
| STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR | | |
| AIR COMPRESSOR DISCHARGE LINE | | |
| GVG, FIRE AND EMERGENCY SERVICE VEHICLES ENGINE WARNING | | |
| CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF WITH BRAKE LAMPS | 20 | |
| RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE EXITING FORWARD OF REAR TIRES | 10 | 5 |
| ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD ACTIVE REGENERATION AND VIRTUAL REGENERATION REQUEST SWITCH IN CLUSTER AND DASH MOUNTED INHIBIT SWITCH | | |
| STANDARD EXHAUST SYSTEM LENGTH | | |
| RH HORIZONTAL TAILPIPE, EXIT FORWARD OF REAR TIRES | 20 | 20 |
| 6 GALLON DIESEL EXHAUST FLUID TANK | | |
| 100 PERCENT DIESEL EXHAUST FLUID FILL | | |

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| Description | Weight Front | Weight Rear |
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| LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION | | |
| STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING | | |
| STANDARD DIESEL EXHAUST FLUID TANK CAP | | |
| NO MUFFLER/TAILOPIPE SHIELD | -10 | |
| AIR POWERED ON/OFF ENGINE FAN CLUTCH | | |
| AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED | | |
| CUMMINS SPIN ON FUEL FILTER | | |
| COMBINATION FULL FLOW/BYPASS OIL FILTER | | |
| NO COOLANT FILTER | -10 | |
| 1100 SQUARE INCH ALUMINUM RADIATOR | 70 | |
| ANTIFREEZE TO -60F, ETHYLENE GLYCOL PRE- CHARGED SCA HEAVY DUTY COOLANT | | |
| GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT | | |
| CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES | | |
| AUXILIARY ENGINE COOLING USING WATER FROM FIRE PUMP | | |
| LOWER RADIATOR GUARD | | |
| ALUMINUM FLYWHEEL HOUSING | | |
| ELECTRIC GRID AIR INTAKE WARMER | | |
| DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH | | |

Transmission

| | | |
|---|-----|----|
| ALLISON 3000 EVS AUTOMATIC TRANSMISSION WITH PTO PROVISION | 200 | 60 |
|---|-----|----|

Transmission Equipment

ALLISON VOCATIONAL PACKAGE 198 -
AVAILABLE ON 3000/4000 PRODUCT FAMILIES
WITH VOCATIONAL MODEL EVS

ALLISON VOCATIONAL RATING FOR FIRE
TRUCK/EMERGENCY VEHICLE APPLICATIONS
AVAILABLE WITH ALL PRODUCT FAMILIES

PRIMARY MODE GEARS, LOWEST GEAR 1,
START GEAR 1, HIGHEST GEAR 6, AVAILABLE
FOR 3000/4000 PRODUCT FAMILIES ONLY

SECONDARY MODE GEARS, LOWEST GEAR 1,
START GEAR 1, HIGHEST GEAR 6, AVAILABLE
FOR 3000/4000 PRODUCT FAMILIES ONLY

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| Description | Weight Front | Weight Rear |
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| PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE | | |
| SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE | | |
| PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE | | |
| SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE | | |
| ENGINE BRAKE RANGE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE | | |
| ENGINE BRAKE RANGE ALTERNATE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE | | |
| NEUTRAL AT STOP ENABLED | | |
| DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES | | |
| QUICKFIT BODY LIGHTING CONNECTOR UNDER CAB, WITH BLUNTCUTS | | |
| ELECTRONIC TRANSMISSION WIRING TO CUSTOMER INTERFACE CONNECTOR | | |
| (2) CUSTOMER INSTALLED MUNCIE CS10 SERIES PTO'S | | |
| PTO MOUNTING, LH SIDE AND TOP RH SIDE OF MAIN TRANSMISSION ALLISON | | |
| MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN | | |
| HEAVY DUTY ELECTRONIC TRANSMISSION SHIFT CONTROL, COLUMN MOUNTED | | |
| TRANSMISSION PROGNOSTICS - ENABLED 2013 | | |
| WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK | 15 | |
| TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK | | |
| SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT) | | |
| Front Axle and Equipment | | |
| DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE | 190 | |

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| Description | Weight Front | Weight Rear |
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| MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES | 10 | |
| FIRE AND EMERGENCY SEVERE SERVICE, NON-ASBESTOS FRONT LINING | | |
| CONMET CAST IRON FRONT BRAKE DRUMS | | |
| FRONT OIL SEALS | | |
| VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL | | |
| STANDARD SPINDLE NUTS FOR ALL AXLES | | |
| MERITOR AUTOMATIC FRONT SLACK ADJUSTERS | | |
| TRW TAS-85 POWER STEERING | 40 | |
| POWER STEERING PUMP | | |
| 2 QUART SEE THROUGH POWER STEERING RESERVOIR | | |
| CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT AXLE LUBE | | |
| Front Suspension | | |
| 16,000# TAPERLEAF FRONT SUSPENSION | 200 | |
| MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION | | |
| FRONT SHOCK ABSORBERS | | |
| Rear Axle and Equipment | | |
| MERITOR RS-30-185 30,000# U-SERIES SINGLE REAR AXLE | | 275 |
| 6.14 REAR AXLE RATIO | | |
| IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING | | |
| MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES | 20 | 20 |
| DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE | | |
| (1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE | | |
| INDICATOR LIGHT FOR EACH DIFFERENTIAL LOCKOUT SWITCH, ENGAGE <5 MPH, DISENGAGE >25 MPH | | |
| MERITOR 16.5X7 P CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, CAST SHOES | | 20 |
| FIRE AND EMERGENCY SEVERE SERVICE NON- ASBESTOS REAR BRAKE LINING | | |

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| Description | Weight Front | Weight Rear |
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| BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S) | | |
| WEBB CAST IRON REAR BRAKE DRUMS | | 50 |
| REAR OIL SEALS | | |
| HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS | | |
| HALDEX AUTOMATIC REAR SLACK ADJUSTERS | | |
| CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE | | |
| Rear Suspension | | |
| 30,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD | | 230 |
| SPRING SUSPENSION - NO AXLE SPACERS | | |
| STANDARD AXLE SEATS IN AXLE CLAMP GROUP | | |
| FORE/AFT CONTROL RODS | | |
| Pusher / Tag Equipment | | |
| NO PUSHER/TAG BRAKE DUST SHIELDS | | |
| Brake System | | |
| AIR BRAKE PACKAGE | | |
| WABCO 4S/4M ABS WITH TRACTION CONTROL WITH ATC SHUT OFF SWITCH | | |
| REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES | | |
| FIBER BRAID PARKING BRAKE HOSE | | |
| STANDARD BRAKE SYSTEM VALVES | | |
| STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM | | |
| STD U.S. FRONT BRAKE VALVE | | |
| RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE | | |
| BW AD-9 BRAKE LINE AIR DRYER WITH HEATER | 20 | |
| AIR DRYER MOUNTED INBOARD ON LH RAIL | | |
| STEEL AIR TANKS MOUNTED AFT INSIDE AND/OR BELOW FRAME JUST FORWARD OF REAR SUSPENSION, NO TRIPLE OR TORPEDO TANKS | | |
| BW DV-2 AUTO DRAIN VALVE WITHOUT HEATER ON ALL TANK(S) | | |
| Trailer Connections | | |
| NO TRAILER AIR HOSE | | |

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| Description | Weight Front | Weight Rear |
|--|-----------------|----------------|
| NO AIR HOSE HANGER | | |
| NO TRAILER ELECTRICAL CABLE | | |
| Wheelbase & Frame | | |
| 5825MM (229 INCH) WHEELBASE | | |
| 7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI | 370 | 290 |
| 1350MM (53 INCH) REAR FRAME OVERHANG | | |
| FRAME OVERHANG RANGE: 51 INCH TO 60 INCH | 10 | -50 |
| CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 163.78 in | | |
| CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 160.78 in | | |
| CALC'D FRAME LENGTH - OVERALL : 311.87 in | | |
| CALCULATED FRAME SPACE LH SIDE : 129.06 in | | |
| CALCULATED FRAME SPACE RH SIDE : 131.16 in | | |
| CALC'D SPACE AVAILABLE FOR DECKPLATE : 0.0 in | | |
| SQUARE END OF FRAME | | |
| FRONT CLOSING CROSSMEMBER | | |
| LIGHTWEIGHT HEAVY DUTY ALUMINUM ENGINE CROSSMEMBER | -12 | |
| STANDARD CROSSMEMBER BACK OF TRANSMISSION | | |
| STANDARD MIDSHIP #1 CROSSMEMBER(S) | | |
| STANDARD REARMOST CROSSMEMBER | | |
| STANDARD SUSPENSION CROSSMEMBER | | |
| Chassis Equipment | | |
| THREE-PIECE 14 INCH CHROMED STEEL BUMPER WITH COLLAPSIBLE ENDS | 30 | |
| FRONT TOW HOOKS - FRAME MOUNTED | 15 | |
| BUMPER MOUNTING FOR SINGLE LICENSE PLATE | | |
| NO MUDFLAP BRACKETS | | |
| NO REAR MUDFLAPS | | |
| FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS | | |
| GRADE 8 THREADED HEX HEADED FRAME FASTENERS | | |

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| | Description | Weight Front | Weight Rear |
|--------------------|--|-----------------|----------------|
| | EXTERIOR HARNESES WRAPPED IN ABRASION TAPE | | |
| | 3D STEP VEHICLE MODEL | | |
| | TANK BODY 1501 TO 3000 GALLONS | | |
| | CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD | | |
| Fifth Wheel | | | |
| | NO FIFTH WHEEL | | |
| Fuel Tanks | | | |
| | 50 GALLON/189 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH | 20 | |
| | RECTANGULAR FUEL TANK(S) | | |
| | PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS | | |
| | FUEL TANK(S) FORWARD | | |
| | PLAIN STEP FINISH | | |
| | FUEL TANK CAP(S) | | |
| | DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR | -5 | |
| | EQUIFLO INBOARD FUEL SYSTEM | | |
| | HIGH TEMPERATURE REINFORCED NYLON FUEL LINE | | |
| | FUEL COOLER MOUNTED LEFT HAND IN RAIL | 10 | |
| Tires | | | |
| | MICHELIN X WORKS Z 315/80R22.5 20 PLY RADIAL FRONT TIRES | 100 | |
| | MICHELIN X WORKS XDY 315/80R22.5 20 PLY RADIAL REAR TIRES | | 232 |
| Hubs | | | |
| | CONMET PRESET PLUS PREMIUM IRON FRONT HUBS | | |
| | WEBB IRON REAR HUBS | | 70 |
| Wheels | | | |
| | ALCOA ULTRA ONE 89U64X 22.5X9.00 10-HUB PILOT 5.99 INSET ALUMINUM FRONT WHEELS | -28 | |
| | ALCOA ULTRA ONE 89U64X 22.5X9.00 10-HUB PILOT 5.99 INSET ALUMINUM REAR WHEELS | | -56 |
| | POLISHED DISC SIDE FRONT WHEELS WITH DURA-BRIGHT FINISH | | |

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|---|-----------------|----------------|
| POLISHED OUTER (DISHED SIDE) REAR WHEELS WITH OUTER ONLY DURA-BRIGHT FINISH | | |
| FRONT WHEEL MOUNTING NUTS | | |
| REAR WHEEL MOUNTING NUTS | | |
| Cab Exterior | | |
| 106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB | | |
| AIR CAB MOUNTING | | |
| CAB ROOF REINFORCEMENTS FOR ROOF MOUNTED COMPONENTS | | |
| SAFETY YELLOW LH AND RH INTERIOR GRAB HANDLES AND LH AND RH EXTERIOR GRAB HANDLES WITH SINGLE RUBBER INSERT | | |
| STATIONARY MOLDED IN COLOR FULL GRILLE FOR CHASSIS WITHOUT INTEGRAL FRONT FRAME EXTENSIONS | | |
| MOLD-IN COLOR HOOD MOUNTED AIR INTAKE GRILLE | | |
| FIBERGLASS HOOD | | |
| HOOD LINER, ADDED FIREWALL AND FLOOR HEAT INSULATION | 5 | |
| SINGLE ELECTRIC HORN | | |
| REAR LICENSE PLATE MOUNT END OF FRAME | | |
| INTEGRAL HEADLIGHT/MARKER ASSEMBLY | | |
| LED AERODYNAMIC MARKER LIGHTS | | |
| HEADLIGHTS OFF WITH IGNITION OFF, WITH DAYTIME RUNNING LIGHTS | | |
| OMIT STOP/TAIL/BACKUP LIGHTS AND PROVIDE WIRING WITH SEPARATE STOP/TURN WIRES TO 4 FEET BEYOND END OF FRAME | | -5 |
| STANDARD FRONT TURN SIGNAL LAMPS | | |
| AUTOMATIC ON/OFF, ENGINE COMPARTMENT, HOOD ACTIVATED WORK LIGHT WITH MANUAL OVERRIDE | 1 | |
| DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE | | |
| DOOR MOUNTED MIRRORS | | |
| 102 INCH EQUIPMENT WIDTH | | |
| LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS | | |
| RH DOWN VIEW MIRROR | | |
| STANDARD SIDE/REAR REFLECTORS | | |

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| Description | Weight Front | Weight Rear |
|---|-----------------|----------------|
| NO REAR WINDOW | -20 | |
| TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS | | |
| RH AND LH ELECTRIC POWERED WINDOWS | | |
| 1-PIECE ROPED-IN SOLAR GREEN GLASS WINDSHIELD | | |
| 2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED | | |
| Cab Interior | | |
| RUGGED TRIM PACKAGE | | |
| GRAY & CARBON VINYL INTERIOR "RUGGED" | | |
| CARBON WITH PREMIUM GUNMETAL ACCENT (RUGGED) | | |
| MOLDED DOOR PANEL | | |
| MOLDED PLASTIC DOOR PANEL | | |
| BLACK MATS WITH SINGLE INSULATION | | |
| (1)DASH MOUNTED 12V POWER OUTLET, (1)DASH MOUNTED DUAL USB-C OUTLET | | |
| FORWARD ROOF MOUNTED CONSOLE | | |
| LH AND RH DOOR STORAGE POCKETS INTEGRATED INTO MOLDED DOOR PANELS | | |
| DIGITAL ALARM CLOCK IN DRIVER DISPLAY | | |
| (2) CUP HOLDERS LH AND RH DASH | | |
| M2/SD DASH | | |
| 5 LB. FIRE EXTINGUISHER | 10 | |
| HEATER, DEFROSTER AND AIR CONDITIONER | | |
| STANDARD HVAC DUCTING | | |
| MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH | | |
| PREP KIT FOR CUSTOMER INSTALLED AUXILIARY HEATER, PLUMBING FROM ENGINE TO BACK OF CAB WITH SHUTOFF VALVES | | |
| STANDARD HEATER PLUMBING | | |
| AUXILIARY HEATER PLUMBING | | |
| VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR | | |
| BINARY CONTROL, R-134A | | |
| PREMIUM INSULATION | | |
| SOLID-STATE CIRCUIT PROTECTION AND FUSES | | |
| 12V NEGATIVE GROUND ELECTRICAL SYSTEM | | |

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| Description | Weight Front | Weight Rear |
|---|-----------------|----------------|
| PREMIUM LED CAB LIGHTING | | |
| REMOTE KEYLESS ENTRY AND 2 TRANSMITTERS | 2 | |
| ALL UNIT(S) KEYED ALIKE WITH CUSTOMER SPECIFIED KEY NUMBER FT1031 | | |
| KEY QUANTITY OF 2 | | |
| LH AND RH ELECTRIC DOOR LOCKS WITH AUTO UNLOCK FEATURE WHEN DOOR IS SET FROM OPEN TO CLOSED POSITION | | |
| NO MATTRESS | -20 | -15 |
| TRIANGULAR REFLECTORS KIT WITHOUT FLARES SHIPPED LOOSE IN CAB | 10 | |
| SEATS INC 911 UNIVERSAL SERIES HIGH BACK AIR SUSPENSION DRIVER SEAT WITH NFPA 1901-2009/2016 COMPLIANT SEAT SENSOR | 50 | |
| SEATS INC 911 UNIVERSAL SERIES HIGH BACK NON SUSPENSION PASSENGER SEAT WITH UNDERSEAT STORAGE AND NFPA 1901- 2009/2016 COMPLIANT SEAT SENSOR | 25 | 10 |
| LH AND RH INTEGRAL DOOR PANEL ARMRESTS | | |
| BLACK VINYL DRIVER SEAT COVER | | |
| BLACK VINYL PASSENGER SEAT COVER | | |
| NFPA 1901-2009 HIGH VISIBILITY ORANGE SEAT BELTS | | |
| ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN | | |
| 4-SPOKE 18 INCH (450MM) BLACK STEERING WHEEL WITH SWITCHES | | |
| DRIVER AND PASSENGER INTERIOR SUN VISORS | | |
| INTERFACE CONNECTORS AND WIRING FOR CUSTOMER PROVIDED LED STEP LIGHTING | | |

Instruments & Controls

NO INSTRUMENT PANEL-DRIVER
 FULLY CONFIGURABLE CENTER INSTRUMENT
 PANELS
 ENGINE REMOTE INTERFACE WITH PARK
 BRAKE AND NEUTRAL INTERLOCKS
 BLACK GAUGE BEZELS
 LOW AIR PRESSURE INDICATOR LIGHT AND
 AUDIBLE ALARM WITH (1) ADDITIONAL PARK
 SWITCH FOR CUSTOMER USE
 DUAL NEEDLE PRIMARY AND SECONDARY AIR
 PRESSURE GAUGE

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| Description | Weight Front | Weight Rear |
|--|-----------------|----------------|
| ELECTRONIC AIR RESTRICTION INDICATOR DISPLAYED IN DRIVER DISPLAY | | |
| ELECTRONIC CRUISE CONTROL WITH CONTROLS ON STEERING WHEEL SPOKES | | |
| KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY | | |
| PREMIUM INSTRUMENT CLUSTER WITH 5.0 INCH TFT COLOR DISPLAY | | |
| DIGITAL PANEL LAMP DIMMER SWITCH IN DRIVER DISPLAY | | |
| HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH | | |
| 2 INCH ELECTRIC FUEL GAUGE | | |
| ENGINE REMOTE INTERFACE WITH ONE OR MORE SET SPEEDS | | |
| QUICKFIT POWERTRAIN INTERFACE CONNECTOR UNDER CAB WITH BLUNTCUTS | | |
| QUICKFIT PROGRAMMABLE INTERFACE CONNECTOR(S) UNDER CAB WITH BLUNTCUTS | | |
| ENGINE REMOTE INTERFACE CONNECTOR AT POWERTRAIN INTERFACE CONNECTOR | | |
| ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE | | |
| DIGITAL TRANSMISSION OIL TEMPERATURE IN DRIVER DISPLAY | | |
| ELECTRONIC OUTSIDE TEMPERATURE SENSOR DISPLAY IN DRIVER MESSAGE CENTER | | |
| ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY | | |
| PTO CONTROLS FOR ENHANCED VEHICLE ELECTRIC/ELECTRONIC ARCHITECTURE | | |
| NO OBSTACLE DETECTION SYSTEM | | |
| NO DR ASSIST SYSTEM | | |
| (1) BACKUP CAMERA-END OF FRAME MOUNTED WITH 15 FOOT EXTRA LONG CABLE COILED AT END OF FRAME | | |
| ELECTRONIC STABILITY CONTROL,4X2 W/SAFETY MIN BODY WEIGHT EXCEEDS 4,000LBS REQ | | |
| NO LANE DEPARTURE WARNING SYSTEM | | |
| ELECTRIC ENGINE OIL PRESSURE GAUGE | | |
| CENTER OVERHEAD INSTRUMENT PANEL BLANK | | |

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| Description | Weight Front | Weight Rear |
|--|-----------------|----------------|
| 1 QUIKFIT PROGRAMABLE MODULE (QPM/XMC) W/ (4) 20AMP FUSED RELAYS | 10 | |
| NFPA VEHICLE DATA RECORDER AND SEATBELT DISPLAY | | |
| 7" B-PANEL INTERACTIVE TOUCHSCREEN DISPLAY RADIO W/ USB-C, APPLE CARPLAY, ANDROID AUTO, BLUETOOTH/AM/FM/SXM/WB, WITH MICROPHONE | | |
| DASH MOUNTED RADIO | | |
| (2) RADIO SPEAKERS IN CAB | | |
| NO AM/FM RADIO ANTENNA | | |
| NO CB RADIO MOUNTING PROVISION | | |
| SHARKFIN MULTI-BAND ANTENNA, RIGHT HAND BIAS ROOF MOUNTING LOCATION: AM/FM/WEATHERBAND, WIFI/BLUETOOTH, SDAR/SIRIUSXM, GNSS/GPS | | |
| INTEROPERABLE SDAR ANTENNA | | |
| STANDARD RADIO WIRING WITH STEERING WHEEL CONTROLS | | |
| ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER | | |
| STANDARD VEHICLE SPEED SENSOR | | |
| ELECTRONIC 3000 RPM TACHOMETER | | |
| DETROIT CONNECT PLATFORM HARDWARE | | |
| 3 YEARS DAIMLER CONNECTIVITY BASE PACKAGE ON (FEATURES VARY BY MODEL) POWERED BY DETROIT CONNECT ON CUMMINS ENGINES | | |
| TMC RP1226 ACCESSORY CONNECTOR LOCATED BEHIND PASSENGER SIDE REMOVEABLE DASH PANEL | | |
| IGNITION SWITCH CONTROLLED ENGINE STOP | | |
| STEERING WHEEL MOUNTED ELECTRIC HORN CONTROL | | |
| NO TRAILER HAND CONTROL BRAKE VALVE | | |
| DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY | | |
| SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY | | |
| ROTARY HEADLAMP SWITCH, MARKER LIGHTS/HEADLIGHTS SWITCH WITH PULL OUT FOR OPTIONAL FOG/ROAD LAMPS | | |
| ALTERNATING FLASHING HEADLAMP SYSTEM WITH BODY BUILDER CONTROLLED ENGAGEMENT | | |

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| | Description | Weight Front | Weight Rear |
|-----------------------------------|--|-----------------|----------------|
| | ONE VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, HEADLAMP FLASH, WASH/WIPE/INTERMITTENT INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH 40 AMP (20 AMP PER SIDE) TRAILER LAMP CAPACITY NO WRG/SW-OPTL #2, CHAS, AIR | | |
| Design | | | |
| | PAINT: ONE SOLID COLOR | | |
| Color | | | |
| | CAB COLOR A: L0762EY MED RED ELITE EY BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT STANDARD E COAT/UNDERCOATING | | |
| Certification / Compliance | | | |
| | U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS | | |

TOTAL VEHICLE SUMMARY

| Weight Summary | | | |
|-----------------------------|-----------------|----------------|-----------------|
| | Weight Front | Weight Rear | Total Weight |
| Factory Weight ⁺ | 7751 lbs | 4636 lbs | 12387 lbs |
| Total Weight ⁺ | 7751 lbs | 4636 lbs | 12387 lbs |

| | | | |
|---|--|--|--|
| Extended Warranty | | | |
| TOWING: 2 YEARS/UNLIMITED MILES/KM EXTENDED TOWING COVERAGE \$1800 CAP FEX APPLIES | | | |

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(+) Weights shown are estimates only.

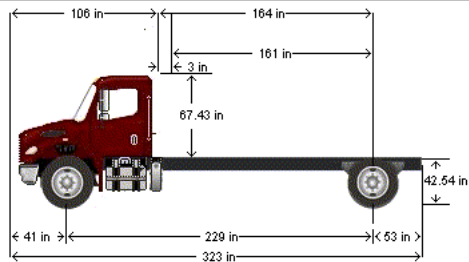
If weight is critical, contact Customer Application Engineering.

(***) 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.

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D I M E N S I O N S



VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Model M2106
Wheelbase (545)5825MM (229 INCH) WHEELBASE
Rear Frame Overhang (552)..... 1350MM (53 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/SLEEPERCAB
Exhaust System (016)RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY
WITH RH HORIZONTAL TAILPIPE EXITING FORWARD OF REAR TIRES
Cab to Body Clearance (in).....3.0

TABLE SUMMARY - DIMENSIONS

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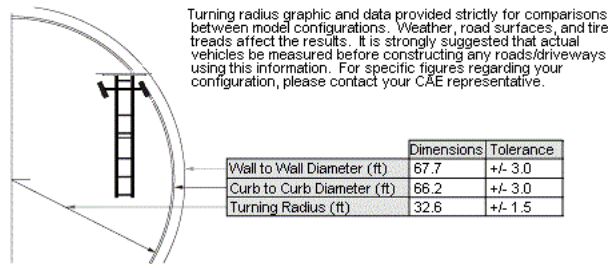
| Dimensions | Inches |
|--|--------|
| Bumper to Back of Cab (BBC) | 106.3 |
| Bumper to Centerline of Front Axle (BA) | 40.7 |
| Front Axle to Back of Cab (AC) | 65.6 |
| Min. Cab to Body Clearance (CB) | 3.0 |
| Back of Cab to Centerline of Rear Axle(s) (CA) | 163.8 |
| Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA) | 160.8 |
| 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 | 216.9 |
| Cab Height (CH) | 67.4 |
| Wheelbase (WB) | 229.3 |
| Frame Overhang (OH) | 53.1 |
| Overall Frame Length | 311.9 |
| Overall Length (OAL) | 323.2 |
| Rear Axle Spacing | 0.0 |
| Unladen Frame Height at Centerline of Rear Axle | 42.5 |

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

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TURNING RADIUS



VEHICLE SPECIFICATIONS SUMMARY - TURNING RADIUS

Model M2106
Cab Size (829)..... 106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Wheelbase (545)5825MM (229 INCH) WHEELBASE
Front Tires (093).....MICHELIN X WORKS Z 315/80R22.5 20 PLY RADIAL FRONT TIRES
Width (in) 12.5
Front Axle (400)..... DETROIT DA-F-16.0-5 16,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE
Kingpin Intersection (in) 71
Bumper (556) THREE-PIECE 14 INCH CHROMED STEEL BUMPER WITH COLLAPSIBLE ENDS
Width (in) 93.5
Bumper Miter to Front Axle (in) 21.458
Primary Steering Location (003) LH PRIMARY STEERING LOCATION
Steering Gear (536)..... TRW TAS-85 POWER STEERING
Dual Steering Gear NONE
Ram..... NONE
Rear Axle (420) MERITOR RS-30-185 30,000# U-SERIES SINGLE REAR AXLE
Axle Spacing (624) NO AXLE SPACING

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