



Town of Wales Fire Department
 3 Hegan St. Wales, MA 01081

T A N K E R C A B A N D C H A S S I S S P E C I F I C A T I O N

| Description | Weight Front | Weight Rear |
|---|-----------------|----------------|
| Price Level | | |
| SD PRL-10D (EFF:02/11/15) | | |
| Data Version | | |
| SPECPRO21 DATA RELEASE VER 022 | | |
| Interior Convenience/Driver Retention Package | | |
| INTERIOR CONVENIENCE PACKAGE | | |
| Vehicle Configuration | | |
| 108SD CONVENTIONAL CHASSIS | 6,829 | 3,748 |
| 2017 MODEL YEAR SPECIFIED | | |
| SET BACK AXLE - TRUCK | | |
| STRAIGHT TRUCK PROVISION | | |
| LH PRIMARY STEERING LOCATION | | |
| General Service | | |
| TRUCK CONFIGURATION | | |
| DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES) | | |
| 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 | | |
| FREIGHTLINER SD VOCATIONAL WARRANTY | | |
| EXPECTED FRONT AXLE(S) LOAD : 16000.0 lbs | | |
| EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs | | |
| EXPECTED TAG AXLE(S) LOAD : 0.0 lbs | | |
| EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 56000.0 lbs | | |
| Truck Service | | |

| Description | Weight Front | Weight Rear |
|---|-----------------|----------------|
| FIRE TANK - NO MAIN DRIVELINE DRIVEN SPLIT-SHAFT PTO/PUMP EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in | | |
| Engine | | |
| CUM ISL 400 HP @ 2100 RPM; 2200 GOV RPM, 1250 LB/FT @ 1400 RPM, RECREATION/FIRE/EMERGENCY | | |
| Electronic Parameters | | |
| 60 MPH ROAD SPEED LIMIT CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT PTO MODE ENGINE RPM LIMIT - 1100 RPM PTO RPM WITH CRUISE SET SWITCH - 700 RPM PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM PTO MODE CANCEL VEHICLE SPEED - 5 MPH PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND PTO MINIMUM RPM - 700 REGEN INHIBIT SPEED THRESHOLD - 5 MPH | | |
| Engine Equipment | | |
| 2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG14 NO 2008 CARB EMISSION CERTIFICATION NO 2013 ENGINE ESCALATOR 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 (2) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 2250 CCA THREADED STUD BATTERIES 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 CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE GVG, FIRE AND EMERGENCY SERVICE VEHICLES ENGINE WARNING CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH | 10 | 20 |

| Description | Weight Front | Weight Rear |
|---|--------------|-------------|
| RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE | 30 | 25 |
| ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD ACTIVE REGENERATION AND DASH MOUNTED SINGLE REGENERATION REQUEST/INHIBIT SWITCH | | |
| 09 FOOT 06 INCH (114 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT | | |
| STANDARD CURVE BRIGHT UPPER STACK(S) | | |
| RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP | | |
| 6 GALLON DIESEL EXHAUST FLUID TANK 100 PERCENT DIESEL EXHAUST FLUID FILL STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING | -35 | -10 |
| LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION | | |
| STANDARD DIESEL EXHAUST FLUID TANK CAP | | |
| STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILOPIPE SHIELD | | |
| HORTON DRIVEMASTER ON/OFF FAN DRIVE AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED | | |
| CUMMINS SPIN ON FUEL FILTER | | |
| COMBINATION FULL FLOW/BYPASS OIL FILTER | | |
| 1200 SQUARE INCH ALUMINUM RADIATOR | | |
| ANTIFREEZE TO -34F, 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 | | |
| ELECTRIC GRID AIR INTAKE WARMER | | |
| DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH | | |

Transmission

ALLISON 3000 EVS AUTOMATIC TRANSMISSION WITH PTO PROVISION

Transmission Equipment

ALLISON VOCATIONAL PACKAGE 197 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODEL EVS
ALLISON VOCATIONAL RATING FOR FIRE TRUCK/EMERGENCY VEHICLE APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES

| Description | Weight Front | Weight Rear |
|--|--------------|-------------|
| PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 5, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY | | |
| SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 5, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY | | |
| DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES | | |
| MAXIMUM ENGINE SPEED FOR PTO ENGAGEMENT 2600 RPM - ALLISON 5TH GEN TRANSMISSIONS | | |
| TCU-MAX PTO ENGINE SPEED OPERATION NOT CONFIGURED | | |
| TCU-MAX PTO O/P SPD ENG NOT CONFIGURE | | |
| TCU-MAXIMUM PTO OUTPUT SPEED OPERATION NOT CONFIGURED | | |
| VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT END OF FRAME | | |
| ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR MOUNTED BACK OF CAB CUSTOMER INSTALLED CHELSEA 277 SERIES PTO | | |
| PTO MOUNTING, RH SIDE OF MAIN TRANSMISSION | | |
| MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN | | |
| PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED | | |
| TRANSMISSION PROGNOSTICS - ENABLED 2013 | | |
| WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK | | |
| TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK | | |
| SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT) | | |

Front Axle and Equipment

| | | |
|---|-----|--|
| MFS-16-143A 16,000# FL1 71.5 INCH KPI/3.74 INCH DROP SINGLE FRONT AXLE | 240 | |
| 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 BRAKE DUST SHIELDS | 5 | |
| 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 | | |
| STANDARD KING PIN BUSHINGS | | |

| Description | Weight Front | Weight Rear |
|---|--------------|-------------|
| TRW TAS-85 POWER STEERING | 40 | |
| POWER STEERING PUMP | | |
| 2 QUART SEE THROUGH POWER STEERING RESERVOIR | | |
| 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 | | |
| MT-40-14X 40,000# R-SERIES TANDEM REAR AXLE | | 2,500 |
| 5.29 REAR AXLE RATIO | | |
| IRON REAR AXLE CARRIER WITH OPTIONAL HEAVY DUTY AXLE HOUSING | | 40 |
| MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES | 20 | 20 |
| MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES | | |
| (1) INTERAXLE LOCK VALVE FOR TANDEM OR TRIDEM DRIVE AXLES | | |
| BLINKING LAMP WITH EACH MODE SWITCH, INTERAXLE UNLOCK DEFAULT WITH IGNITION OFF | | |
| MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES | | |
| FIRE AND EMERGENCY SEVERE SERVICE NON-ASBESTOS REAR BRAKE LINING | | |
| BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S) | | |
| WEBB HEAVY WEIGHT CAST IRON REAR BRAKE DRUMS | | 80 |
| REAR BRAKE DUST SHIELDS | | 10 |
| SKF SCOTSEAL PLUS XL REAR OIL SEALS | | |
| HALDEX GOLDSEAL LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS | | 20 |
| HALDEX AUTOMATIC REAR SLACK ADJUSTERS | | |
| ORGANIC SAE 80/90 REAR AXLE LUBE | | |
| STANDARD REAR AXLE BREATHER(S) | | |
| Rear Suspension | | |
| TUFTRAC 40,000# REAR SPRING SUSPENSION | | 410 |
| TUFTRAC STANDARD RIDE HEIGHT | | |
| AXLE CLAMPING GROUP | | |
| 54 INCH AXLE SPACING | | |
| FORE/AFT AND TRANSVERSE CONTROL RODS | | |
| REAR SHOCK ABSORBERS - TWO AXLES (TANDEM) | | 40 |

| Description | Weight Front | Weight Rear |
|--|--------------|-------------|
| Brake System | | |
| WABCO 4S/4M ABS WITH TRACTION CONTROL REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES FIBER BRAID PARKING BRAKE HOSE STANDARD BRAKE SYSTEM VALVES STANDARD AIR SYSTEM PRESSURE PROTECTION AND 85 PSI PRESSURE PROTECTION FOR AIR HORN(S) 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 AIR DRYER MOUNTED INBOARD ON LH RAIL STEEL AIR BRAKE RESERVOIRS CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD BW DV-2 AUTO DRAIN VALVE WITHOUT HEATER ON ALL TANK(S) | 20 | |
| Trailer Connections | | |
| UPGRADED CHASSIS MULTIPLEXING UNIT | | |
| Wheelbase & Frame | | |
| 5025MM (198 INCH) WHEELBASE 7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI 2500MM (98 INCH) REAR FRAME OVERHANG FRAME OVERHANG RANGE: 91 INCH TO 100 INCH CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 132.45 in CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 129.45 in CALC'D FRAME LENGTH - OVERALL : 335.37 CALC'D SPACE AVAILABLE FOR DECKPLATE : 132.45 in CALCULATED FRAME SPACE LH SIDE : 54.98 in CALCULATED FRAME SPACE RH SIDE : 72.7 in SQUARE END OF FRAME FRONT CLOSING CROSSMEMBER LIGHTWEIGHT HEAVY DUTY ALUMINUM ENGINE CROSSMEMBER STANDARD MIDSHIP #1 CROSSMEMBER(S) STANDARD REARMOST CROSSMEMBER HEAVY DUTY SUSPENSION CROSSMEMBER | 380 | 130 |
| | -50 | 210 |
| | -12 | |
| Chassis Equipment | | |
| 14 INCH CHROMED STEEL BUMPER FRONT TOW HOOKS - FRAME MOUNTED | 15 | |

| Description | Weight Front | Weight Rear |
|--|-----------------|----------------|
| BUMPER MOUNTING FOR SINGLE LICENSE PLATE | | |
| GRADE 8 THREADED HEX HEADED FRAME FASTENERS | | |
| TANK BODY 1501 TO 3000 GALLONS | | |
| Fuel Tanks | | |
| 50 GALLON/189 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH | -10 | |
| RECTANGULAR FUEL TANK(S) | | |
| POLISHING OF FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS | | |
| FUEL TANK(S) FORWARD | | |
| PLAIN STEP FINISH | | |
| CHROME FUEL TANK CAP(S) | | |
| ALLIANCE FUEL FILTER/WATER SEPARATOR WITH HEATED BOWL | | |
| EQUIFLO INBOARD FUEL SYSTEM | | |
| HIGH TEMPERATURE REINFORCED NYLON FUEL LINE | | |
| Tires | | |
| 315/80R22.5 20 PLY RADIAL FRONT TIRES | 98 | |
| 12R22.5 16 PLY RADIAL REAR TIRES | | 368 |
| Hubs | | |
| CONMET PRESET PLUS IRON FRONT HUBS | | |
| CONMET PRESET PLUS IRON REAR HUBS | | |
| Wheels | | |
| ALCOA 89465X 22.5X9.00 10-HUB PILOT 5.96 INSET ALUMINUM DISC FRONT WHEELS | -24 | |
| ALCOA LVL ONE 88367X ALUMINUM OUTSIDE, ACCURIDE 29637 STEEL INSIDE; 22.5X8.25 10- HUB PILOT DISC REAR WHEELS | | -7 |
| POLISHED FRONT WHEELS; INSIDE AND OUTSIDE | | |
| POLISHED REAR WHEELS; OUTSIDE OF OUTER WHEELS ONLY | | |
| Cab Exterior | | |
| 108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB | | |
| AIR CAB MOUNTS | | |
| NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE | | |
| FRONT FENDERS SET-BACK AXLE | | |
| LH AND RH EXTERIOR GRAB HANDLES WITH SINGLE RUBBER INSERT | | |
| BRIGHT FINISH RADIATOR SHELL/HOOD BEZEL | | |
| STATIONARY BLACK GRILLE WITH BRIGHT ACCENTS | | |
| CHROME HOOD MOUNTED AIR INTAKE GRILLE | | |

| Description | Weight Front | Weight Rear |
|---|-----------------|----------------|
| FIBERGLASS HOOD HOOD LINER INSULATION WITH SINGLE FIREWALL INSULATION DUAL 25 INCH ROUND STUTTER TONE HOOD MOUNTED AIR HORNS DUAL ELECTRIC HORNS DUAL HORN SHIELDS DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME REAR LICENSE PLATE MOUNT END OF FRAME HALOGEN COMPOSITE HEADLAMPS WITH BRIGHT BEZELS LED AERODYNAMIC MARKER LIGHTS HEADLIGHTS ON WITH WIPERS, WITH LOW BEAM DAYTIME RUNNING LIGHTS OMIT STOP/TAIL/BACKUP LIGHTS AND PROVIDE WIRING WITH SEPARATE STOP/TURN WIRES TO 4 FEET BEYOND END OF FRAME STANDARD FRONT TURN SIGNAL LAMPS 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 STANDARD SIDE/REAR REFLECTORS 63X14 INCH TINTED REAR WINDOW TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS RH AND LH ELECTRIC POWERED WINDOWS, PASSENGER SWITCHES ON DOOR(S) TINTED WINDSHIELD 8 LITER WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITHOUT FLUID LEVEL INDICATOR | 8 | -5 |

Cab Interior

OPAL GRAY VINYL INTERIOR
 MOLDED PLASTIC DOOR PANEL WITHOUT
 VINYL INSERT WITH ALUMINUM KICKPLATE
 LOWER DOOR
 MOLDED PLASTIC DOOR PANEL WITHOUT
 VINYL INSERT WITH ALUMINUM KICKPLATE
 LOWER DOOR
 BLACK MATS WITH SINGLE INSULATION
 FORWARD ROOF MOUNTED CONSOLE WITH
 UPPER STORAGE COMPARTMENTS WITHOUT
 NETTING
 IN DASH STORAGE BIN
 (2) CUP HOLDERS LH AND RH DASH
 GRAY/CHARCOAL FLAT DASH

| Description | Weight Front | Weight Rear |
|---|-----------------|----------------|
| SMART SWITCH EXPANSION MODULE | | |
| HEATER, DEFROSTER AND AIR CONDITIONER | | |
| STANDARD HVAC DUCTING | | |
| MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH | | |
| STANDARD HEATER PLUMBING WITH BALL SHUTOFF VALVES | | |
| DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR | | |
| BINARY CONTROL, R-134A | | |
| PREMIUM INSULATION | | |
| SOLID-STATE CIRCUIT PROTECTION AND FUSES | | |
| 12V NEGATIVE GROUND ELECTRICAL SYSTEM | | |
| DOMED DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF | | |
| LH AND RH ELECTRIC DOOR LOCKS | | |
| (1) 12 VOLT POWER SUPPLY IN DASH | | |
| SEATS INC 911 UNIVERSAL SERIES HIGH BACK AIR SUSPENSION DRIVER SEAT WITH NFPA 1901-2009 COMPLIANT SEAT SENSOR | 50 | |
| SEATS INC 911 UNIVERSAL SERIES HIGH BACK NON SUSPENSION PASSENGER SEAT WITH UNDERSEAT STORAGE AND NFPA 1901-2009 COMPLIANT SEAT SENSOR | | |
| LH AND RH INTEGRAL DOOR PANEL ARMRESTS | | |
| VINYL WITH VINYL INSERT DRIVER SEAT | | |
| VINYL WITH VINYL INSERT PASSENGER SEAT | | |
| 3 POINT HIGH VISIBILITY ORANGE RETRACTOR DRIVER AND RH FRONT PASSENGER SEAT BELTS WITH NFPA 1901-2009 COMPLIANT SENSOR AND DASH HARNESS | | |
| ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN | 10 | |
| 4-SPOKE 18 INCH (450MM) STEERING WHEEL | | |
| DRIVER AND PASSENGER INTERIOR SUN VISORS | | |

Instruments & Controls

WOODGRAIN DRIVER INSTRUMENT PANEL
WOODGRAIN CENTER INSTRUMENT PANEL
BLACK GAUGE BEZELS
LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM
2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES
ENGINE COMPARTMENT MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS, WITH WARNING LIGHT IN DASH
97 DB BACKUP ALARM
ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL

| Description | Weight Front | Weight Rear |
|---|-----------------|----------------|
| IGNITION SWITCH WITH NON REMOVABLE KEY ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED | | |
| HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH | | |
| 2 INCH ELECTRIC FUEL GAUGE | | |
| PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE | | |
| ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE | | |
| 2 INCH TRANSMISSION OIL TEMPERATURE GAUGE | | |
| ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY | | |
| CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS | | |
| ENHANCED STABILITY CONTROL | | |
| ELECTRIC ENGINE OIL PRESSURE GAUGE | | |
| OVERHEAD INSTRUMENT PANEL | | |
| AM/FM/WB RADIO WITH BLUETOOTH AND MICROPHONE, FRONT USB PORT, FRONT AND REAR AUXILIARY INPUTS AND J1939 | 10 | |
| DASH MOUNTED RADIO | | |
| (2) RADIO SPEAKERS IN CAB | | |
| AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF | 2 | |
| ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER | | |
| STANDARD VEHICLE SPEED SENSOR | | |
| ELECTRONIC 3000 RPM TACHOMETER | | |
| IDLE LIMITER, ELECTRONIC ENGINE | | |
| (1) RH FOOT SWITCH WITH DASH SWITCH FOR HORN BUTTON TO CONTROL AIR HORN, DEFAULT TO ELECTRIC <85 PSI | | |
| DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY | | |
| SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY | | |
| MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH | | |
| ALTERNATING FLASHING LOW BEAM HEADLAMPS WITH DASH SWITCH, WITH PARK BRAKE RELEASED | | |
| ONE VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR | | |
| SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE | | |

| Description | Weight Front | Weight Rear |
|---|--------------|-------------|
| INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS | | |

Design

TWO COLOR CUSTOM PAINT

Color

CAB COLOR A: L0762EB MED RED ELITE BC
 CAB COLOR B: L0006EB WHITE ELITE BC
 BLACK, HIGH SOLIDS POLYURETHANE CHASSIS
 PAINT
 NO FUEL TANK CABINET PAINT
 POWDER WHITE (N0006EA) REAR
 WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)
 STANDARD E COAT/UNDERCOATING

Certification / Compliance

U.S. FMVSS CERTIFICATION, EXCEPT SALES
 CABS AND GLIDER KITS

Secondary Factory Options

CORPORATE PDI CENTER OPTION
 INSTALLATION/MODIFICATION ONLY

TOTAL VEHICLE SUMMARY

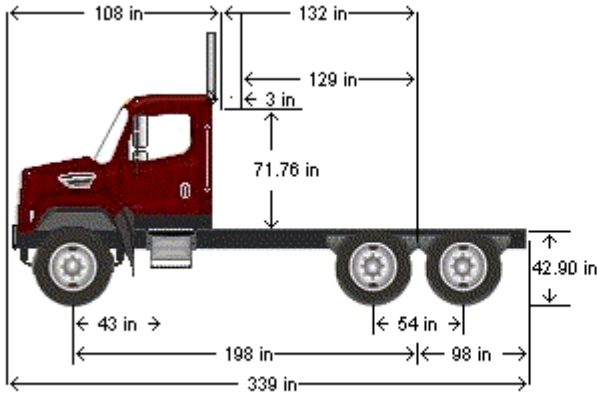
Weight Summary

| | Weight Front | Weight Rear | Total Weight |
|-----------------------------|--------------|-------------|--------------|
| Factory Weight ⁺ | 7866 lbs | 7582 lbs | 15448 lbs |
| Total Weight ⁺ | 7866 lbs | 7582 lbs | 15448 lbs |

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

D I M E N S I O N S



VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

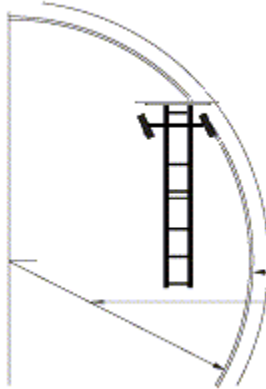
| | | |
|--------------------------------|-------|---|
| Wheelbase (545) | ..... | 5025MM (198 INCH) WHEELBASE |
| Rear Frame Overhang (552) | ..... | 2500MM (98 INCH) REAR FRAME OVERHANG |
| Fifth Wheel (578) | ..... | NO FIFTH WHEEL |
| Mounting Location (577) | ..... | NO FIFTH WHEEL LOCATION |
| 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) | ..... | 108 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 B-PILLAR MOUNTED VERTICAL TAILPIPE |

TABLE SUMMARY - DIMENSIONS

| Dimensions | Inches |
|--|--------|
| Bumper to Back of Cab (BBC) | 108.3 |
| Bumper to Centerline of Front Axle (BA) | 42.7 |
| Min. Cab to Body Clearance (CB) | 3.0 |
| Back of Cab to Centerline of Rear Axle(s) (CA) | 132.4 |
| Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA) | 129.4 |
| Back of Cab Protrusions (Exhaust/Intake) (CP) | 1.5 |
| 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 | 230.4 |
| Cab Height (CH) | 71.8 |
| Wheelbase (WB) | 198.0 |
| Frame Overhang (OH) | 98.0 |
| Overall Length (OAL) | 338.7 |
| Rear Axle Spacing | 54.0 |
| Unladen Frame Height at Centerline of Rear Axle | 42.9 |

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

TURNING RADIUS



Turning radius graphic and data provided for general estimate purposes only. For specific figures regarding your configuration, please contact your CAE representative.

| | Left Turn | Right Turn | Tolerance |
|----------------------------|-----------|------------|-----------|
| Wall to Wall Diameter (ft) | 62.4 | 66.3 | +/- 3.0 |
| Curb to Curb Diameter (ft) | 60.5 | 64.4 | +/- 3.0 |
| Turning Radius (ft) | 29.7 | 31.7 | +/- 1.5 |

VEHICLE SPECIFICATIONS SUMMARY - TURNING RADIUS

| | |
|---------------------------------------|--|
| Cab Size (829)..... | 108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB |
| Wheelbase (545) | 5025MM (198 INCH) WHEELBASE |
| Front Tires (093)..... | GOODYEAR G751 MSA DURASEAL 315/80R22.5 20 PLY RADIAL FRONT TIRES |
| Width (in) | 12.7 |
| Front Axle (400)..... | MFS-16-143A 16,000# FL1 71.5 INCH KPI/3.74 INCH DROP SINGLE FRONT AXLE |
| Kingpin Intersection (in) | 71.5 |
| Bumper (556) | 14 INCH CHROMED STEEL BUMPER |
| Width (in) | 97.6 |
| Bumper Miter to Front Axle (in) | 23.458 |
| 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) | MT-40-14X 40,000# R-SERIES TANDEM REAR AXLE |
| Axle Spacing (624) | 54 INCH AXLE SPACING |

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