

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
Interior Convenience/Driver Retention Package		
INTERIOR CONVENIENCE PACKAGE		
Vehicle Configuration		
M2 106 CONVENTIONAL CHASSIS	5,759	3,503
2016 MODEL YEAR SPECIFIED		
SET BACK AXLE - TRUCK		
STRAIGHT TRUCK PROVISION		
LH PRIMARY STEERING LOCATION		
General Service		
TRUCK CONFIGURATION		
DOMICILED, CANADA (OTHER THAN QUEBEC)		
PICKUP AND DELIVERY/SHORT HAUL SERVICE		
GENERAL FREIGHT BUSINESS SEGMENT		
GENERAL FREIGHT 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 : 12000.0 lbs		
EXPECTED REAR DRIVE AXLE(S) LOAD : 21000.0 lbs		
EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 33000.0 lbs		
EXPECTED GROSS COMBINATION WEIGHT : 0.0 lbs		
Truck Service		
DRY VAN BODY		
EXPECTED TRUCK BODY LENGTH : 22.0 ft		

Description	Weight Front	Weight Rear
EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in		
Engine		
CUM ISB 6.7-250 250 HP @ 2300 RPM, 2600 GOV, 660 LB/FT @ 1600 RPM		
Electronic Parameters		
65 MPH ROAD SPEED LIMIT CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
Engine Equipment		
2015 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG14 NO 2008 CARB EMISSION CERTIFICATION STANDARD OIL PAN ENGINE MOUNTED OIL CHECK AND FILL ONE PIECE VALVE COVER SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT 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 BACK OF 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 STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR AIR COMPRESSOR DISCHARGE LINE ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE	20	

Description	Weight Front	Weight Rear
ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
STANDARD EXHAUST SYSTEM LENGTH		
RH STANDARD HORIZONTAL TAILPIPE		
13 GALLON DIESEL EXHAUST FLUID TANK	35	10
100 PERCENT DIESEL EXHAUST FLUID FILL		
LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
STANDARD DIESEL EXHAUST FLUID TANK CAP		
HORTON HT650 FRONTAL AIR ON/OFF ENGINE FAN CLUTCH		
AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
CUMMINS SPIN ON FUEL FILTER		
FULL FLOW OIL FILTER		
950 SQUARE INCH ALUMINUM RADIATOR		
ANTIFREEZE TO -60F, OAT (NITRITE & SILICATE FREE) EXTENDED LIFE COOLANT		
GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
RADIATOR DRAIN VALVE		
LOWER RADIATOR GUARD		
PHILLIPS-TEMRO 750 WATT/115 VOLT BLOCK HEATER	4	
CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
ALUMINUM FLYWHEEL HOUSING		
ELECTRIC GRID AIR INTAKE WARMER		
CUSTOM STARTER		

Transmission

ALLISON 2500 RDS AUTOMATIC TRANSMISSION
WITH PTO PROVISION

Transmission Equipment

ALLISON VOCATIONAL PACKAGE 354 -
AVAILABLE ON 1000/2000 PRODUCT FAMILIES
WITH VOCATIONAL MODELS RDS, EVS, HS, MH,
PTS AND SPS

Description	Weight Front	Weight Rear
ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
PRIMARY MODE GEARS, 5 FORWARD GEARS WITH MANUAL SELECTION FOR 3, 2 AND 1, AVAILABLE FOR 1000/2000 PRODUCT FAMILIES ONLY		
NEUTRAL AT STOP - DISABLED, FUELSENSE - DISABLED		
MARKER LAMP CONNECTION FOR BODY BUILDERS		
CUSTOMER INSTALLED CHELSEA 442 SERIES PTO		
PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION		
MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
DASH MOUNTED T-HANDLE CABLE SHIFT CONTROL WITHOUT PARK BRAKE POSITION		
TRANSMISSION PROGNOSTICS - DISABLED (N/A) 2013, FOR USE IN 1000/2000 ONLY		
WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
TRANSMISSION OIL CHECK AND FILL		
SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		

Front Axle and Equipment

DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74
 DROP SINGLE FRONT AXLE
 BOSCH HYDRAULIC PIN-SLIDE DISC FRONT BRAKES
 NON-ASBESTOS FRONT BRAKE LINING
 FRONT DISC BRAKE ROTORS
 SKF SCOTSEAL PLUS XL FRONT OIL SEALS
 VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL
 STANDARD SPINDLE NUTS FOR ALL AXLES
 TRW THP-60 POWER STEERING
 POWER STEERING PUMP
 2 QUART SEE THROUGH POWER STEERING RESERVOIR
 SYNTHETIC 75W-90 FRONT AXLE LUBE

Front Suspension

Description	Weight Front	Weight Rear
12,000# DUAL TAPERLEAF FRONT SUSPENSION	42	
MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
FRONT SHOCK ABSORBERS	30	

Rear Axle and Equipment

DETROIT DA-RS-23.0-4 23,000# R-SERIES SINGLE REAR AXLE		30
5.56 REAR AXLE RATIO		
IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	40	40
BOSCH HYDRAULIC PIN-SLIDE DISC REAR BRAKES		
NON-ASBESTOS REAR BRAKE LINING		
REAR DISC BRAKE ROTORS		
SKF SCOTSEAL CLASSIC REAR OIL SEALS		
REAR AXLE MOUNTED DRUM PARK BRAKE		
SYNTHETIC 75W-90 REAR AXLE LUBE		

Rear Suspension

AIRLINER 21,000# REAR SUSPENSION		
AIRLINER HIGH POSITION RIDE HEIGHT		
STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
IGNITION CONTROLLED ELECTRIC DUMP SWITCH FOR AIR SUSPENSION WITH AUTOFILL OVERRIDE VALVE		
REAR AIR SUSPENSION DUMP VALVE WITH AUTOFILL FOR IGNITION OFF AND >5 MPH, INCLUDE OVERRIDE CONTROL AND BUZZER ON DUMP VALVE SWITCH		
SINGLE AIR REAR SUSPENSION LEVELING VALVE		
TRANSVERSE CONTROL RODS		
REAR SHOCK ABSORBERS - ONE AXLE (AIR RIDE SUSPENSION)		

Brake System

HYDRAULIC BRAKE PACKAGE WITH OPTIONAL AIR SUPPLY	-20	-120
WABCO HYDRAULIC 4S/4M ABS WITHOUT TRACTION CONTROL		
HYDRAULIC TUBING WITH NYLON AND FABRIC/WIRE BRAID CHASSIS AIR LINES	10	10

Description	Weight Front	Weight Rear
NO CHASSIS AIR LINES, PARK BRAKES STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM BW AD-9 BRAKE LINE AIR DRYER WITH HEATER AIR DRYER MOUNTED UNDER HOOD ONE STEEL AIR ACCESSORY RESERVOIR BW DV-2 AUTO DRAIN VALVE WITHOUT HEATER ON ALL TANK(S)	20	
Trailer Connections		
UPGRADED CHASSIS MULTIPLEXING UNIT UPGRADED BULKHEAD MULTIPLEXING UNIT		
Wheelbase & Frame		
6400MM (252 INCH) WHEELBASE 11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI 3050MM (120 INCH) REAR FRAME OVERHANG FRAME OVERHANG RANGE: 111 INCH TO 120 INCH CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 186.45 in CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 183.45 in CALC'D FRAME LENGTH - OVERALL : 401.39 CALC'D SPACE AVAILABLE FOR DECKPLATE : 186.45 in CALCULATED FRAME SPACE LH SIDE : 93.27 in CALCULATED FRAME SPACE RH SIDE : 190.11 in SQUARE END OF FRAME FRONT CLOSING CROSSMEMBER STANDARD WEIGHT ENGINE CROSSMEMBER STANDARD MIDSHIP #1 CROSSMEMBER(S) STANDARD REAR MOST CROSSMEMBER STANDARD SUSPENSION CROSSMEMBER	390 -70	150 310
Chassis Equipment		
THREE-PIECE 14 INCH CHROMED STEEL BUMPER WITH COLLAPSIBLE ENDS FRONT TOW HOOKS - FRAME MOUNTED BUMPER MOUNTING FOR SINGLE LICENSE PLATE FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS	30 15	

Description	Weight Front	Weight Rear
GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
LEVEL FRAME RAILS (+/- 1%) WHEN CHASSIS IS LOADED TO FRONT AND REAR SUSPENSION RATINGS		
Fuel Tanks		
100 GALLON/378 LITER RECTANGULAR ALUMINUM FUEL TANK - LH	80	10
RECTANGULAR FUEL TANK(S)		
PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
FUEL TANK(S) FORWARD		
POLISHED STAINLESS STEEL STEP FINISH		
FUEL TANK CAP(S)		
ALLIANCE FUEL FILTER/WATER SEPARATOR WITH HEATED BOWL AND PRIMER PUMP		
EQUIFLO INBOARD FUEL SYSTEM		
HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires		
MICHELIN XZA3+ 11R22.5 14 PLY RADIAL FRONT TIRES	12	
MICHELIN XDE M/S 11R22.5 14 PLY RADIAL REAR TIRES		28
Hubs		
CONMET PRESET IRON FRONT HUBS		
GUNITE IRON REAR AXLE HUBS		
Wheels		
ALCOA LVL ONE 88367X 22.5X8.25 10-HUB PILOT 5.79 INSET ALUMINUM DISC FRONT WHEELS	-50	
ALCOA LVL ONE 88367X ALUMINUM OUTSIDE, ACCURIDE 29637 STEEL INSIDE; 22.5X8.25 10-HUB PILOT DISC REAR WHEELS		-28
POLISHED FRONT WHEELS; OUTSIDE ONLY		
POLISHED REAR WHEELS; OUTSIDE OF OUTER WHEELS ONLY		
FRONT WHEEL MOUNTING NUTS		
REAR WHEEL MOUNTING NUTS		
NYLON WHEEL GUARDS FRONT AND REAR ALL INTERFACES		
Cab Exterior		

Description	Weight Front	Weight Rear
106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
AIR CAB MOUNTS		
NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
LH AND RH GRAB HANDLES		
HOOD MOUNTED CHROMED PLASTIC GRILLE		
CHROME HOOD MOUNTED AIR INTAKE GRILLE		
FIBERGLASS HOOD		
HOOD LINER INSULATION WITH SINGLE FIREWALL INSULATION		
SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK	4	
DUAL ELECTRIC HORNS		
SINGLE HORN SHIELD		
DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS		
REAR LICENSE PLATE MOUNT END OF FRAME		
INTEGRAL HEADLIGHT/MARKER ASSEMBLY WITH CHROME BEZEL		
LED AERODYNAMIC MARKER LIGHTS		
DAYTIME RUNNING LIGHTS		
INTEGRAL LED STOP/TAIL/BACKUP LIGHTS		
STANDARD FRONT TURN SIGNAL LAMPS		
DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS		
DOOR MOUNTED MIRRORS		
102 INCH EQUIPMENT WIDTH		
LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		
STANDARD SIDE/REAR REFLECTORS		
DUAL LEVEL CAB ENTRY STEPS ON BOTH SIDES		
ELECTRIC HORN WARNING SYSTEM FOR PARK BRAKE NOT SET WITH DOOR OPEN AND ALL IGNITION KEY POSITIONS		
63X14 INCH TINTED REAR WINDOW		
TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS		
RH AND LH ELECTRIC POWERED WINDOWS	4	
TINTED WINDSHIELD		

Description	Weight Front	Weight Rear
2 GALLON WINDSHIELD WASHER RESERVOIR WITH FLUID LEVEL INDICATOR, FRAME MOUNTED		
Cab Interior		
OPAL GRAY VINYL INTERIOR		
MOLDED DOOR PANEL WITH UPPER VINYL INSERTS		
MOLDED DOOR PANEL WITH UPPER VINYL INSERTS		
BLACK MATS WITH SINGLE INSULATION		
FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS AND ADDITIONAL CENTER COMPARTMENT WITHOUT NETTING		
IN DASH STORAGE BIN		
(2) CUP HOLDERS LH AND RH DASH		
GRAY/CHARCOAL FLAT DASH		
SMART SWITCH EXPANSION MODULE		
2-1/2 LB. FIRE EXTINGUISHER	5	
FIRST AID KIT	2	
HEATER, DEFROSTER AND AIR CONDITIONER		
STANDARD HVAC DUCTING WITH SNOW SHIELD FOR FRESH AIR INTAKE		
MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
STANDARD HEATER PLUMBING		
DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		
BINARY CONTROL, R-134A		
PREMIUM INSULATION		
SOLID-STATE CIRCUIT PROTECTION AND FUSES		
12V NEGATIVE GROUND ELECTRICAL SYSTEM		
DOME DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF		
LH AND RH ELECTRIC DOOR LOCKS		
(1) 12 VOLT POWER SUPPLY IN DASH		
TRIANGULAR REFLECTORS WITHOUT FLARES	10	
BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30	
2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT	20	

Description	Weight Front	Weight Rear
LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
GRAY MORDURA CLOTH DRIVER SEAT COVER		
GRAY MORDURA CLOTH PASSENGER SEAT COVER		
3 POINT DRIVER AND PASSENGER AND 2 POINT CENTER FRONT SEAT BELT RETRACTORS		
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		
SINGLE AIR PRESSURE GAUGE FOR HYDRAULIC BRAKES WITH AIR PROVISION		
INTAKE MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS		
97 DB BACKUP ALARM		3
ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL		
KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED		
DIAGNOSTIC INTERFACE CONNECTOR, 9 PIN, SAE J1939, LOCATED BELOW 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		
NO LANE DEPARTURE WARNING SYSTEM		
ELECTRIC ENGINE OIL PRESSURE GAUGE		

Description	Weight Front	Weight Rear
AM/FM/WB RADIO WITH CD PLAYER, BLUETOOTH AND MICROPHONE, USB, FRONT AND REAR AUXILIARY INPUTS AND J1939 DASH MOUNTED RADIO (2) RADIO SPEAKERS IN CAB	10	
AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2	
RADIO WIRING WITH POWER CUTOFF WHEN VEHICLE IN REVERSE GEAR ELECTRONIC KPH SPEEDOMETER WITH SECONDARY MPH SCALE, WITHOUT ODOMETER STANDARD VEHICLE SPEED SENSOR ELECTRONIC 3000 RPM TACHOMETER IDLE LIMITER, ELECTRONIC ENGINE ONE ON/OFF ROCKER SWITCH IN THE DASH WITH INDICATOR LIGHT AND WIRE ROUTED TO CHASSIS AT BACK OF CAB, LABEL OPT PRE-TRIP LAMP INSPECTION, ALL OUTPUTS FLASH, WITH SMART SWITCH DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY PROGRAMMED TO SLOWEST SPEED WITH PARK BRAKE SET MARKER LIGHT/HEADLIGHT SWITCH WITH SEPARATE INTERRUPTER FOR CLEARANCE LIGHTS FOOT PEDAL OPERATED PARK BRAKE AND WARNING INDICATOR FOR HYDRAULIC BRAKE SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS NO MISCELLANEOUS GAUGES		

Design

PAINT: ONE SOLID COLOR

Color

CAB COLOR A: L0225EB WHITE ELITE BC
 BLACK, HIGH SOLIDS POLYURETHANE CHASSIS
 PAINT
 NO FUEL TANK CABINET PAINT

Description	Weight Front	Weight Rear
POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW) STANDARD E COAT/UNDERCOATING		

Certification / Compliance

CANADA CMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS

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 ⁺	6444 lbs	3946 lbs	10390 lbs
Total Weight ⁺	6444 lbs	3946 lbs	10390 lbs

Extended Warranty

TOWING EXTENDED/ROADSIDE SERVICE WARRANTY, 1 YEAR/UNLIMITED MILES/KM, \$550 CAP

(+) Weights shown are estimates only.
 If weight is critical, contact Customer Application Engineering.