

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
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		
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 : 0.0 ft		
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		

Description	Weight Front	Weight Rear
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 36-SI BRUSHLESS QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE (2) ALLIANCE MODEL 1131, GROUP 31, 12 VOLT MAINTENANCE FREE 1900 CCA THREADED STUD BATTERIES, NON FCCC ONLY 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 STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR AIR COMPRESSOR DISCHARGE LINE ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH STANDARD EXHAUST SYSTEM LENGTH RH STANDARD HORIZONTAL TAILPIPE 6 GALLON DIESEL EXHAUST FLUID TANK 100 PERCENT DIESEL EXHAUST FLUID FILL	10	

Description	Weight Front	Weight Rear
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 -34F, NOAT 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	
BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
ALUMINUM FLYWHEEL HOUSING		
ELECTRIC GRID AIR INTAKE WARMER		
DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH		

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

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

Description	Weight Front	Weight Rear
VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT BACK OF CAB		
ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED		
CUSTOMER INSTALLED CHELSEA 230/231/236 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 WITH 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
 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

12,000# MONO TAPERLEAF FRONT SUSPENSION
 MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION
 FRONT SHOCK ABSORBERS

30

Rear Axle and Equipment

Description	Weight Front	Weight Rear
DETROIT DA-RS-21.0-4 21,000# R-SERIES SINGLE REAR AXLE		
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
TRAC-TECH FULL TIME NO-SPIN DIFFERENTIAL SINGLE REAR AXLE		20
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 AIR OPERATED 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
 MANUAL DUMP VALVE FOR AIR SUSPENSION WITH GAUGE
 INDICATOR LIGHT AND BUZZER FOR EACH REAR SUSPENSION CONTROL 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
NYLON PARKING BRAKE HOSE		
STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
BW AD-9 BRAKE LINE AIR DRYER WITH HEATER	20	
AIR DRYER MOUNTED UNDER HOOD		

Description	Weight Front	Weight Rear
ONE STEEL AIR ACCESSORY RESERVOIR BW DV-2 AUTO DRAIN VALVE WITHOUT HEATER ON ALL TANK(S)		
Trailer Connections		
UPGRADED CHASSIS MULTIPLEXING UNIT UPGRADED BULKHEAD MULTIPLEXING UNIT		
Wheelbase & Frame		
6400MM (252 INCH) WHEELBASE		
11/32X3-1/2X10-3/16 INCH STEEL FRAME (8.73MMX258.8MM/0.344X10.19 INCH) 120KSI	370	110
1925MM (76 INCH) REAR FRAME OVERHANG		
FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	90
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 : 357.39		
CALC'D SPACE AVAILABLE FOR DECKPLATE : 186.45 in		
CALCULATED FRAME SPACE LH SIDE : 146.21 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		
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		
FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS		
GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
Fuel Tanks		

Description	Weight Front	Weight Rear
80 GALLON/302 LITER RECTANGULAR ALUMINUM FUEL TANK - LH 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) ALLIANCE FUEL FILTER/WATER SEPARATOR WITH PRIMER PUMP EQUIFLO INBOARD FUEL SYSTEM HIGH TEMPERATURE REINFORCED NYLON FUEL LINE	40	10
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		
ACCURIDE 50408 ACCU-LITE 22.5X8.25 10-HUB PILOT 6.16 INSET 2-HAND STEEL DISC FRONT WHEELS 22.5X8.25 10-HUB PILOT 2-HAND STEEL DISC REAR WHEELS FRONT WHEEL MOUNTING NUTS REAR WHEEL MOUNTING NUTS		
Cab Exterior		
106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB AIR CAB MOUNTS NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE HOOD MOUNTED CHROMED PLASTIC GRILLE CHROME HOOD MOUNTED AIR INTAKE GRILLE FIBERGLASS HOOD DUAL ELECTRIC HORNS DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME		

Description	Weight Front	Weight Rear
REAR LICENSE PLATE MOUNT END OF FRAME		
INTEGRAL HEADLIGHT/MARKER ASSEMBLY WITH CHROME BEZEL		
LED AERODYNAMIC MARKER LIGHTS		
DAYTIME RUNNING LIGHTS		
FREIGHTLINER LED FLANGE MOUNTED STOP/TAIL/TURN LIGHTS WITH SEPARATE INCANDESCENT BACKUP LIGHTS		5
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		
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		
2 GALLON WINDSHIELD WASHER RESERVOIR WITH FLUID LEVEL INDICATOR, FRAME MOUNTED		
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		
DASH MOUNTED ASH TRAYS AND LIGHTER		
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		
2-1/2 LB. FIRE EXTINGUISHER	5	
FIRST AID KIT	2	

Description	Weight Front	Weight Rear
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 BASIC HIGH BACK AIR SUSPENSION DRIVER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION 2 MAN TOOL BOX MID BACK NON SUSPENSION PASSENGER SEAT INBOARD DRIVER SEAT ARMREST, NO PASSENGER SEAT ARMREST LH AND RH INTEGRAL DOOR PANEL ARMRESTS GRAY CORDURA PLUS CLOTH DRIVER SEAT COVER GRAY CORDURA PLUS CLOTH PASSENGER SEAT COVER 3 POINT DRIVER AND PASSENGER AND 2 POINT CENTER FRONT SEAT BELT RETRACTORS ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN 4-SPOKE 18 INCH (450MM) STEERING WHEEL DRIVER AND PASSENGER INTERIOR SUN VISORS		
	10	
	30	
	20	
	2	
	10	

Instruments & Controls

GRAY DRIVER INSTRUMENT PANEL
 GRAY CENTER INSTRUMENT PANEL
 BLACK GAUGE BEZELS
 LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM

Description	Weight Front	Weight Rear
SINGLE AIR PRESSURE GAUGE FOR HYDRAULIC BRAKES WITH AIR PROVISION		
INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT 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		
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	
POWER AND GROUND WIRING PROVISION OVERHEAD		
CB WIRING ONLY TO ROOF/OVERHEAD CONSOLE; NO MOUNTING PROVISION		
ELECTRONIC KPH SPEEDOMETER WITH SECONDARY MPH SCALE, WITHOUT ODOMETER		
STANDARD VEHICLE SPEED SENSOR		
ELECTRONIC 3000 RPM TACHOMETER		
IGNITION SWITCH CONTROLLED ENGINE STOP		

Description	Weight Front	Weight Rear
TWO ON/OFF ROCKER SWITCHES IN THE DASH WITH INDICATOR LIGHTS 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		
MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH		
ONE VALVE PARKING BRAKE SYSTEM WITH SHIFTER CONTROLLED AUTOPARK AND WARNING INDICATOR		
SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE		
INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS		

Design

PAINT: ONE SOLID COLOR

Color

CAB COLOR A: N0006EA WHITE ELITE SS
 BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT
 NO FUEL TANK CABINET PAINT
 POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)
 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
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Prepared by:
CURRIE TRUCK CENTRE
2 Currie Drive
Midhurst, ON L0L 1X0
Phone: 705 734-1953

Factory Weight ⁺	6395 lbs	3699 lbs	10094 lbs
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Total Weight ⁺	6395 lbs	3699 lbs	10094 lbs

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