

FREIGHTLINER SPECIFICATION PROPOSAL

Vehicle Configuration

2023 MODEL YEAR
MT55 FRONT ENGINE WALK-IN VAN CHASSIS
SET-FORWARD FRONT AXLE CHASSIS
LH PRIMARY STEERING LOCATION

General Service

EXPECTED FRONT AXLE LOAD: 8000 lbs
EXPECTED REAR DRIVE AXLE LOAD: 17500 lbs
EXPECTED GROSS VEHICLE WEIGHT CAPACITY: 25500 lbs
DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)
UTILIMASTER 24' x 93.5" x 85"

Engine

CUM B6.7 260 HP @ 2400 RPM, 2600 GOV, 660 LB/FT @ 1600 RPM

Engine Equipment

690 SQ-IN DOWNFLOW RADIATOR MOUNTED IN FRONT
ENGINE OIL CHECK MOUNTED ON RADIATOR AND OIL FILL IN VALVE COVER
15W-40 WT ENGINE OIL
FARR ECO BC AIR CLEANER WITH WATER SEPARATOR
FRONTAL AIR INTAKE
AIR INTAKE PIPING - CLNR TO ENGINE
AIR CLEANER MOUNTED ON RAIL
DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR
(2) ALLIANCE MODEL 931, GROUP 31, 12V MAINTENANCE FREE 1300 CCA THREADED STUD BATTERIES
BATTERY BOX MOUNTED RIGHT HAND WITH BATTERIES PERPENDICULAR TO FRAME RAIL
FRAME GROUND RETURN, BATTERY CABLES WITH EYELET CONNECTORS
CUMMINS 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE
TEFLON COMPRESSOR DISCHARGE LINE
ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION WITH OVERRIDE SWITCH
CUMMINS EXHAUST BRAKE INTEGRAL WITH VARIABLE GEOMETRY TURBO WITH ON/OFF DASH SWITCH
RETARDER CONTROL WIRING AND CONTROL SWITCH
ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH

RH MTD HORIZONTAL AFTERTREATMENT DEVICE/SYSTEM WITH 10 GAL DEF TANK
ADC ELEC-MG ON/OFF ENGINE FAN CLUTCH
CUMMINS SPIN ON FUEL FILTER
FULL FLOW OIL FILTER
RADIATOR MOUNTED SURGE TANK
ANTIFREEZE TO -34F, OAT (NITRITE & SILICATE FREE) EXTENDED LIFE COOLANT
RUBBER COOLANT HOSES
CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES
STANDARD CHARGE AIR COOLER PLUMBING
PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER
120VAC PLASTIC PLUG ENGINE HEATER CORD TEMPORARILY MOUNTED TO ENGINE, 6 FOOT
ALUMINUM FLYWHEEL HOUSING
DENSO 12V STARTER WITH COPPER CONTACTS

Transmission

ALLISON 2200 RDS 5 SPD AUTOMATIC TRANSMISSION WITH PARK PAWL WITH PTO PROVISION

Transmission Controls & Parameters

SHIFT LEVER, CABLE LINKAGE, AUTO TRANS, MTD ON RH SIDE OF CONTROL SUPPORT
VEHICLE INTERFACE CONNECTOR WIRED TO TRANSMISSION ECU
TRANS PROG-ENABLED
RANGE INDICATION, PARK, NEUT

Transmission Equipment

WATER TO OIL TRANSMISSION COOLER
TRANSMISSION OIL CHECK AND FILL
SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)

Front Axle & Equipment

DA-F-8.0-2 8,000# FC1 68.0 KPI/3.74 DROP SINGLE FRONT AXLE
NON-ASBESTOS FRONT BRAKE LINING
BOSCH HYDRAULIC PIN-SLIDE DISC FRONT BRAKES
FRONT BRAKE DUST SHIELDS
FRONT DISC BRAKE ROTORS
FRONT OIL SEALS
VENTED FRONT HUB CAPS W/WINDOW, CENTER AND SIDE PLUGS - OIL
SYNTHETIC 75W-90 FRONT AXLE LUBE
TRW TAS 55 POWER STEERING
2 QUART POWER STEERING RESERVOIR

Front Suspension

8,000# TAPERLEAF FRONT SUSPENSION
MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION
SACHS FRONT SHOCK ABSORBERS

Rear Axle & Equipment

DA-RS-17.5-2 17,500# L-SERIES SINGLE REAR AXLE
4.30 REAR AXLE RATIO
IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING
SPL100 DANA SPICER MAIN DRIVELINE WITH HALF ROUND YOKES
SYNTHETIC 75W-90 REAR AXLE LUBE
BOSCH HYDRAULIC PIN-SLIDE DISC REAR BRAKES
NON-ASBESTOS REAR BRAKE LINING
REAR DISC BRAKE ROTORS
REAR BRAKE DUST SHIELDS
REAR OIL SEALS
TRANSMISSION MOUNTED DRUM PARK BRAKE

Rear Suspension

18,000# AIRLINER REAR SUSPENSION
AIRLINER HIGH POSITION RIDE HEIGHT
MANUAL DUMP VALVE FOR AIR SUSPENSION W/INDICATOR LIGHT, W/O GAUGE
DUAL INSTANT RESPONSE REAR SUSPENSION LEVELING VALVES
REAR SWAYBAR
GABRIEL REAR SHOCK ABSORBERS

Brake System

HYDRAULIC BRAKE PACKAGE W/OPTIONAL AIR SUPPLY
WABCO HYDRAULIC 4S/4M WITHOUT TRACTION CONTROL
HYDRAULIC TUBING WITH NYLON AND FABRIC/WIRE BRAID CHASSIS AIR LINES
ONE STEEL AIR ACCESSORY RESERVOIR WITH (1) MANUAL VALVE & PULL CORD

Wheelbase & Frame

(218 INCH) WHEELBASE
5/16X2.81X9-1/8 INCH STEEL FRAME (7.94MMX231.8MM/0.312X9.12 INCH) 80KSI
STANDARD MIDSHIP #1 CROSSMEMBER(S)
STANDARD SUSPENSION CROSSMEMBER

Chassis Equipment

THREE-PIECE 14 INCH CHROMED STEEL BUMPER WITH COLLAPSIBLE ENDS
PROVISION FOR C/F GENERATOR
DRILLING PREP FOR CUST INSTALLED BODY SUPPORTS FOR 93" WALK-IN VAN BODY WIDTH
CONVOLUTED CONDUIT PROTECTIVE COVERING

Fuel Tank

40 GALLON RECTANGULAR STEEL FUEL TANK
FUEL TANK MOUNTED BETWEEN RAILS AFT OF REAR AXLE
DETROIT F/W SEP W/WIF SENSOR, HAND PRIMER & 12V PREHEATER

Tires

MICHELIN XZE 245/70R19.5 16 PLY RADIAL FRONT TIRES
MICHELIN XDS2 245/70R19.5 16 PLY RADIAL REAR TIRES

Hubs

CONMET IRON RR HUBS PNTD BLACK

Wheels

19.5X6.75 8-HUB PILOT 8-HAND POLISHED ALUMIMUM FRONT WHEELS
HALF MOON 4 PILOT WHEELCOVERS
19.5X6.75 8-HUB PILOT POLISHED ALUMINUM REAR OUTER WHEELS
FREIGHTLINER VALVE STEMS

Cab Exterior

OPERATOR STATION (CONTROL SUPPORT)
FREIGHTLINER CUSTOM CHASSIS FRONT NAMEPLATE
HOOD MOUNTED CHROMED PLASTIC GRILLE
SINGLE ELECTRIC HORN
ALL UNIT(S) KEYED ALIKE WITH CUSTOMER SPECIFIED KEY NUMBER FT1002
INCANDESCENT BODY MTD MARKER LAMPS
DAYTIME RUNNING LIGHTS
CHASSIS POWER DISTRIBUTION MODULE (CPDM)

Cab Interior

SANDEN COMPACT AIR CONDITIONER COMPRESSOR
FCCC PARTIAL AC SYSTEM, FCCC CERTIFIED PER AGREEMENT
RADIATOR MOUNTED AIR CONDITIONER CONDENSER
HVAC WIRING PROV LOC INSIDE CAB
5/8" HEATER PLUMBING HOSE - TO FRONT OF CHASSIS
AUTO SELF-RESET CIRCUIT BREAKERS AND FUSES
FASTEN SEAT BELT IND, ACTIVE LOW, FOR C/F SEAT BELT & CONT ALARM
J1939 ELECTRICAL ARCHITECTURE
ZF TILT/3.00" TELESCOPIC GLOBAL STEERING COLUMN WITH FOOT ACTUATED PEDAL
4-SPOKE 18" BLACK STEERING WHEEL WITH SWITCHES

Instruments & Controls

GREEN ENGLISH GAUGE BACKLIGHTING
DRIVER MESSAGE CENTER W/LCD DISPLAY, 24 WARNING LAMPS, DATA LINKED, AMI
ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER
ELECTRONIC 3500 RPM TACHOMETER
SINGLE AIR PRESSURE GAUGE FOR HYDRAULIC BRAKES WITH AIR PROVISION
ELECTRIC ENGINE OIL PRESSURE GAUGE W/WARNING LAMP AND ALARM
ELECTRIC ENGINE COOLANT TEMP GAUGE W/WARNING LAMP AND ALARM
DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY

ELEC FUEL GAUGE & LOW FUEL IND LAMP
AUTOMATIC TRANSMISSION OIL TEMP GAUGE W/WARNING LAMP
ENGINE HOUR METER, INTEGRAL TO MESSAGE CENTER LCD
ENGINE COMPARTMENT MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS, WITH
WARNING LIGHT IN DASH
97 DB BACKUP ALARM
CRUISE CONTROL SWITCHES-UNMOUNTED
PROGRAMMABLE RPM CTRL W/LOW VOLTAGE AUTO HIGH IDLE & RPM CTRL SWITCHES
WAGNER 7212 TURN SIGNAL FLASHER

() 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.***

LENGTH OPTIONS ****

24' WALK-IN
.125 UPPER / .125 LOWER SIDEWALL MTL

WIDTH OPTIONS ****

93.5W WALK-IN

HEIGHT OPTIONS ****

85H WALK-IN

CAB DOOR OPTIONS *****

SEDAN DOOR LH
SEDAN DOOR RH
SLIDER WINDOW LH SILVER
SLIDER WINDOW RH SILVER
4" LOWERED STEPWELL LH
4" LOWERED STEPWELL RH
LH INTERMEDIATE STEP
SEDAN DOOR LOCK SELECTIONS
SEDAN DOOR ROTARY LATCH (NEW STYLE)

REAR STRUCTURE OPTIONS *****

SPECIAL REAR STRUCTURES
SOLID REAR STRUCTURE

SEATING OPTIONS *****

DRIVERS SEAT
* DRIVER HIGHBACK SEAT
HIGHBACK W/LUMBAR DRIVER SEAT
BLACK CLOTH DRIVER SEAT
ARMREST (2) ON DRIVER SEAT
FIXED PEDESTAL DRIVER SEAT
* 3PT SEATBELT W/2LOC D-RING
BULKHD MNT JSEAT CONTOUR BACK 16"S

BULKHEAD OPTIONS *****

BULKHEAD W/CTR OPENING & DOOR
BLANDEX CORE W/.030 ALUM SKIN
CARPET ON FRONT SIDE BULKHEAD
BULKHEAD SEAL KIT
DELETE SLIDING BULKHEAD DOOR

DRIVER CONVENIENCE OPTIONS ***

SINGLE WIPER MOTOR SYSTEM
CAB FLOOR MATTING OPTIONS
COMPLETE CAB FLR MAT INSULATED
SAFE-T-TREAD IN STEPWELL
DIESEL SOUND REDUCTION COWL
RADIOS
RADIO DASH MNT AM/FM/WB/BLUETOOTH
Text: Wired key control on accessory s
CAB BLUETOOTH MICROPHONE
INTERMITTENT WIPERS
SUNVISOR DRIVER SIDE
* SUNVISOR PADDED 8x28
SUNVISOR PASSENGER SIDE
* SUNVISOR PADDED 8x24
ABS CUP HOLDER LH DASH MOUNT
EXTRA STIFFENER ON TRANS COVER
CAB HEADER PACKAGE

WORKTABLES, TRAYS, STORAGE

ALUM ENG COVER W/MOLDED CONSOLE
ABS DOCUMENT HOLDER ON ENG CVR
CAB WORKTABLE RH DASH HEIGHT LG

DASH/INTERIOR LIGHTING OPTIONS ****

CAB DOME LIGHT/SPECIFY TYPE
* 18" LED
Location: Centered in cab
DOME LIGHT SWITCH DASH LIGHTED

ERGO DASH
12V power port(1) and (1) dual USB ports are included
standard with the Ergo Dash.
DELETE CARGO DOME LIGHT & SWITCH

ROOF OPTIONS *****
ROOF PARAMETRICS
.032" SMOOTH ALUM EXTERIOR
NO INSULATION & LINER IN CARGO
ROOF BOWS ON 12" CENTERS
ROOF CASTINGS FOR MINI MARKERS

CARGO FLOOR OPTIONS *****
REAR THRESHOLD DRAINS (2)
STD BODY UNDERCOATING
Undercoat outside the rails and not between.
FUEL SENDING UNIT ACCESS
STANDARD WHEELWELL 41" AISLE
CARGO FLOOR PLANKS MAX 8"

SIDE & REAR WALL OPTIONS *****
HEAVY DUTY STUD PROFILE (HAT STYLE)
OPTIONAL 24" SPACING
ROUND RUBRAIL PROFILE
STANDARD SIDEWALL LAYOUT
.125 UPPER / .125 LOWER SIDEWALL MTL
VENT FRESH AIR 4x10 QTR PNL LH

RR BUMPERS, HITCHES, LIFTGATES**
8" TREADPLATE REAR BUMPER

EXTERIOR BODY OPTIONS *****
TINTED WINDSHIELD W/SHADE BAND
BONDED WINDSHIELD GLASS
EXTERIOR MIRRORS ROSCO
WEST COAST MIRRORS 7x16
STAINLESS STEEL MIRROR
ROUND CONVEX MIRROR 8.5"
NOT HEATED
REAR FENDER FLARE RUBBER
EXTRA LOWER RUBRAIL
FUEL FILL DOOR & CLOSER
WHEELWELL CUTOUT LOCATION
DEF TANK FILL DOOR & CLOSER
LH DEF TANK FILL DOOR & CLOSER
2 LOWER S/WALL BRACES @SIDE

HOOD & FRT BUMPER OPTIONS ***
FIBERGLASS FRTLNR M2 HOOD
HALOGEN HEADLIGHTS 7" ROUND

PAINT & DECAL OPTIONS *****
PAINT EXT ONE COLOR
Color & Code: Sandstone Metallic (G2-4357648)
SANDSTONE METALLIC
PAINT REAR BUMPER SPECIFY COLOR
Color & Code: Sandstone Metallic (G2-4357648)
DELETE UTILIMASTER LOGOS

EXT LIGHTING OPTIONS *****
TAIL LIGHTS
4.5" LED (STD)
FLANGE MOUNTED LED STT & BACKUP