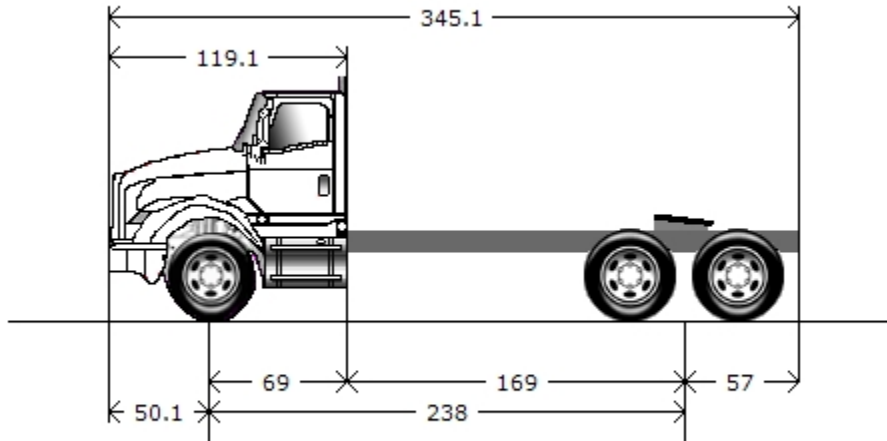


Prepared For:
 DESCHUTES COUNTY PUBLIC
 RANDY MCCULLEY
 61150 27th St.
 Bend, OR 97702-9631
 (541)322 - 7107
 Reference ID: Agreement 1641

Presented By:
 PETERSON TRUCKS, INC
 Dan I Chappell
 61 NE COLUMBIA BLVD.
 PORTLAND OR 97211 - 1413
 (503)285-9300

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.



Model Profile
2024 HX620 SBA (HX620)

AXLE CONFIG:	6X4
APPLICATION:	Low-Boy Tractor
MISSION:	Requested GCWR: 80000. Calc. GCWR: 140000. Calc. GVWR: 70240 Calc. Start / Grade Ability: 25.41% / 2.20% @ 55 MPH Calc. Geared Speed: 83.8 MPH
DIMENSION:	Wheelbase: 238.00, CA: 169.00, Axle to Frame: 57.00
ENGINE, DIESEL:	{Cummins X15 500 V} Productivity Series, EPA 2021, 500HP @ 1900 RPM, 1850 lb-ft Torque @ 950 RPM, 2000 RPM Governed Speed, 512 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 4500 RDS} 6th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, On/Off Highway
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,600-lb Capacity
AXLE, REAR, TANDEM:	{Meritor RT-46-164P} Single Reduction, Standard Width, 46,000-lb Capacity, with Lube Oil Pump, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, 200 Wheel Ends Gear Ratio: 4.30
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 11R22.5 Load Range H XZE2 (MICHELIN), 501 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(8) 11R22.5 Load Range H XDN2 (MICHELIN), 497 rev/mile, 75 MPH, Drive
SUSPENSION, REAR, TANDEM:	{Hendrickson RT-463} Walking Beam, 46,000-lb Capacity, 54" Axle Spacing, Multileaf Springs, with Bronze Center Bushings
PAINT:	Cab schematic 100LZ Location 1: 9219, Winter White (Std) Chassis schematic N/A

<u>Code</u>	<u>Description</u>
HX62000	Base Chassis, Model HX620 SBA with 238.00 Wheelbase, 169.00 CA, and 57.00 Axle to Frame.
1AMR	CROSSMEMBER, FRAME TIE for Standard Duty
1AND	AXLE CONFIGURATION {Navistar} 6x4
	<u>Notes</u>
	: Pricing may change if axle configuration is changed.
1CGC	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 12.250" x 3.380" x 0.375" (304.8mm x 85.6mm x 9.5mm); 550.0" (13970mm) Maximum OAL
1LEH	LICENSE PLATE HOLDER Single Plate, Swing Type, Mounted Below Front Bumper
1LTE	BUMPER, FRONT Contoured, Aluminum, Stainless Steel Clad, Heavy Duty
1WRW	TOW HOOK, FRONT (2) Frame Mounted; 80,000-lb. Total Capacity
1WXM	WHEELBASE RANGE 238" (605cm) Through and Including 295" (750cm)
2ASM	AXLE, FRONT NON-DRIVING {Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,600-lb Capacity
3ADE	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 16,000-lb Capacity, with Shock Absorbers
4092	BRAKE SYSTEM, AIR Dual System for Tractor Applications
	<u>Includes</u>
	: BRAKE LINES Color and Size Coded Nylon
	: GLAD HANDS (2) One for Service and One for Emergency; Trailer Hoses from Cab
	: HAND CONTROL VALVE, AIR Mounted in Instrument Panel
	: HAND CONTROL VALVE, AIR Mounted on Steering Column
	: PARKING BRAKE CONTROL Yellow and Red Knobs, Located on Instrument Panel
	: PARKING BRAKE VALVE Combination Valve for Tractor and Trailer
	: QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for Forward Rear Axle
	: TRACTOR PROTECTION VALVE
4808	HOSE TENDER Slide Bar with Single Spring Bracket, Bar Extended 4" from Cab
4AZY	AIR BRAKE ABS {Bendix AntiLock Brake System} 6-Channel (6 Sensor/6 Modulator) Electronic Stability Program, with Automatic Traction Control
4EDM	AIR DRYER {Bendix AD-HF} with Heater, Includes Pressure Protection Circuits, Safety Valve, Integral Purge Tank, Governor Pressure Settings 110 psi Cut-In/130 psi Cut-Out, Integrated PuraGuard Coalescing Filtration
4GBM	BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake
4JBR	BRAKES, AIR CAM, PUSHER AXLE S-Cam; 15" x 4.0"; Includes MGM 20 Sq.In. Brake Chambers; Furnished with One Pusher Lift Axle
4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM
4VKC	AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab
4VKK	AIR TANK LOCATION (2) Mounted Under Battery Box, Outside Right Rail, Back of Cab, Perpendicular to Rail
4WRJ	AIR COMPRESSOR DISCHARGE LINE 1/2" ID to 5/8" ID Teflon Hose, with Stainless Steel Braid; to Air Dryer
4WXR	DRAIN VALVE (2) {Berg} with Pull Chains, for Air Tanks
4XCM	BRAKES, FRONT {Meritor EX+L} Air Disc Type, Size 22.5", 14,700-lb Capacity
4XCP	BRAKES, REAR {Meritor EX+L} Air Disc Type, Size 22.5", 23,000-lb Capacity per Axle
4XDW	BRAKE CHAMBERS, FRONT AXLE 18 SqIn, for Air Disc Brakes
4XEB	BRAKE CHAMBERS, REAR AXLE 20/24 SqIn Spring Brake, Double Diaphragm, for Air Disc Brakes

<u>Code</u>	<u>Description</u>
4XEE	PARK BRAKE CHAMBERS, ADDITIONAL (2) Spring Brake Type
5710	STEERING COLUMN Tilting and Telescoping
5CAW	STEERING WHEEL 4-Spoke; 18" Dia., Black
5PTB	STEERING GEAR (2) {Sheppard M100/M80} Dual Power
6DGX	DRIVELINE SYSTEM {Dana Spicer} Service Free SPL250 Main Driveline with SPL170 Interaxle Shaft, for 6x4
7BEU	AFTERTREATMENT COVER Aluminum
7BLY	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Cab Mounted Right Side
7SAP	ENGINE COMPRESSION BRAKE {Cummins} Interbrake For Cummins Signature/ISX/X15 Engines; Furnished with Engine
7WBA	TAIL PIPE (1) Turnback Type, Bright
7WDM	EXHAUST HEIGHT 10'
7WDN	MUFFLER/TAIL PIPE GUARD (1) Aluminum
7WZX	SWITCH, FOR EXHAUST 3 Position, Momentary, Lighted Momentary, ON/CANCEL, Center Stable, INHIBIT REGEN, Mounted in IP Inhibits Diesel Particulate Filter Regeneration When Switch is Moved to ON While Engine is Running, Resets When Ignition is Turned OFF
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment
	<u>Includes</u>
	: HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel
	: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever
	: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light
	: STARTER SWITCH Electric, Key Operated
	: STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector
	: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever
	: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted
8541	HORN, ELECTRIC (2) Disc Style
8836	HORN, AIR (2) Single Bell, Organ Tone, Extra Long, Chrome
8GHU	ALTERNATOR {Delco Remy 28SI} Brush Type, 12 Volt, 200 Amp Capacity, Pad Mount, with Remote Sense
8MJV	BATTERY SYSTEM {Fleetrite} Maintenance-Free, (4) 12-Volt 3800CCA Total, Top Threaded Stud
8RBZ	SPEAKER, AUXILIARY, CB RADIO with Jack for CB; Mounted Left Side Above Driver's Door
8RMZ	SPEAKERS (2) 6.5" Dual Cone Mounted in Both Doors, (2) 5.25" Dual Cone Mounted in Both B-Pillars
8RNB	CB RADIO Accommodation Package, Header Mounted, Feeds from Accessory Side of Ignition Switch, Includes Power Source, One Antenna and Antenna Base with Wiring on Left Side Mirror
8RPB	RADIO, AUXILIARY CONTROLS Mounted in Steering Wheel, Radio Function Control Switch, Includes Volume Up/Down, Mute, Forward/Back and Bluetooth Answer/Disconnect
8RPR	ANTENNA for Increased Roof Clearance Applications
8RPS	RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input
8THH	AUX. TRAILER SOCKET {Phillips} 7-Way, with Battery Fed Circuit to Center Pin, with 25 Amp Fuse and Relay Controlled by Switch (with Indicator Light) Controlled by Accessory Side of Key Switch, Switch Mounted on Instrument Panel

<u>Code</u>	<u>Description</u>
8VUK	BATTERY BOX Aluminum, with Plastic Cover, 18" Wide, 2-4 Battery Capacity, Mounted Right Side Back of Cab
8WBW	JUMP START STUD Remote Mounted
8WEZ	TURN SIGNAL SWITCH Self-Canceling
8WGL	WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time
8WGV	WORK LIGHT WIRING for (2) Customer Installed Work Lights, Mounted on Top Rear Corners of Cab, with Switch on Dash, Switch Will Also Activate Standard Work Light
8WPZ	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights
8WRB	HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on
8WXB	HEADLIGHT WARNING BUZZER Sounds When Head Light Switch is on and Ignition Switch is in "Off" Position
8WXG	STARTING MOTOR {Mitsubishi Electric Automotive America 105P} 12-Volt, with Soft-Start
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
8XBK	SWITCH, AUXILIARY Switch 40 amp Circuit for Customer Use; Includes Wiring Connection at Power Distribution Center (PDC) and Control in Cab
8XJH	FOG LIGHTS (2) Clear Lens, LED, Rectangular, with White Light Source
8XKC	HEADLIGHTS Halogen, with Daytime Running Lights, Automatic Twilight Controlled
8XKY	USB PORT (1) Located in the Instrument Panel
8XLW	LIGHT, WORK LED, Pedestal Mounted, Back of Cab, with Switch on Instrument Panel
8XMA	BEACON MOUNTING BRACKET (2) Stainless, For Customer Furnished Beacon; Includes Wiring and Dash Mounted Switch
8XNB	BATTERY DISCONNECT SWITCH 300 Amp, Disconnects Power to Power Distribution Center (PDC), Does Not Disconnect Charging Circuits, Locks with Padlock, Cab Mounted
9585	FENDER EXTENSIONS Rubber
9AAB	LOGOS EXTERIOR Model Badges
9AAE	LOGOS EXTERIOR, ENGINE Badges
9ASE	FRONT END Tilting, Composite
9HCN	GRILLE Chrome Vertical Accent Bars, with Black Mesh
9WAC	BUG SCREEN Mounted Behind Grille
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
10AGB	COMMUNICATIONS MODULE Telematics Device with Over the Air Programming; Includes Five Year Data Plan and International 360
10KKV	FIFTH WHEEL, AIR SLIDE {Holland FW35J836XL00} 36" Slide, 8" Above Top of Frame, Left Hand Release
10NZL	SPECIAL RATING, GVWR Limited to 80,000-lb GVWR
10WCY	SAFETY TRIANGLES
10WPU	MUD FLAP HOLDER Spring Loaded, Bright Finish, 45-Degree End, with Red and White Reflective Tape, Less Flaps

<u>Code</u>	<u>Description</u>
10WSX	MUD FLAPS, REAR Black Poly, with International Logo, Less Holders
11001	CLUTCH Omit Item (Clutch & Control)
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12ETN	ENGINE, DIESEL {Cummins X15 500 V} Productivity Series, EPA 2021, 500HP @ 1900 RPM, 1850 lb-ft Torque @ 950 RPM, 2000 RPM Governed Speed, 512 Peak HP (Max)
12THT	FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed <u>Includes</u> : FAN Nylon
12VCA	AIR CLEANER Single Element, with Pre-Cleaner, Engine Mounted
12VGU	ENGINE CONTROL, REMOTE MOUNTED for X15 Engines
12VJJ	EMISSION, CALENDAR YEAR {Cummins X15} EPA, OBD and GHG Certified for Calendar Year 2023
12WBR	FAN OVERRIDE Manual; with Electric Switch on Instrument Panel, (Fan On with Switch On)
12WGA	HOSE CLAMPS, RADIATOR HOSES , Mechanical Type; with Constant-Tension Functionality
12WTA	FAN DRIVE SPECIAL EFFECTS Fan Cooling Ring with Fan Shroud Effects, Engine Mounted
12WYW	BLOCK HEATER, ENGINE {Phillips} 120V/1500W, with "Y" Cord for 120V/300W Oil Pan Heater <u>Includes</u> : BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door
12WYZ	RADIATOR DRAIN & FILL FITTING SPECIAL; To Vacuum Out or Fill the Cooling System from the Bottom of Radiator, for Use with Quick-Connect Radiator Drain Tool or Shop Coolant Evacuation-Fill System
12WZJ	CARB IDLE COMPLIANCE Low NOx Idle Engine, Complies with California Clean Air Regulations; Includes "Certified Clean Idle" Decal located on Driver Door
12XBC	RADIATOR Aluminum, Welded, Down Flow, Front to Back System, 1325 SqIn, with 806 SqIn Charge Air Cooler <u>Includes</u> : RADIATOR HOSES Premium, Rubber
12XCP	CARB EMISSION WARR COMPLIANCE for Cummins X15 Engines Less than or Equal to 500 HP
13BEK	TRANSMISSION, AUTOMATIC {Allison 4500 RDS} 6th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, On/Off Highway
13WET	TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission
13WHL	OIL COOLER, AUTO TRANSMISSION Remote Mounted
13WLM	TRANSMISSION OIL Synthetic; 63 thru 76 Pints
13WUA	AUTOMATIC NEUTRAL Allison Transmission Shifts to Neutral When Parking Brake is Engaged and Remains in Neutral When Parking Brake is Disengaged
13WUS	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Package Number 223, Modified for Single Input Auto Neutral
13WVV	NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released
13WYU	SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, Performance Programming

<u>Code</u>	<u>Description</u>
13XAA	PTO CONTROL, DASH MOUNTED For Customer Provided PTO; Includes Switch, Electric/Air Solenoid, Piping and Wiring
14862	PDL WARNING BUZZER Power Divider Lock
14AJX	SHIELD, TEMPERATURE SENSOR Mounted to Rear Axle
14HRE	AXLE, REAR, TANDEM {Meritor RT-46-164P} Single Reduction, Standard Width, 46,000-lb Capacity, with Lube Oil Pump, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, 200 Wheel Ends . Gear Ratio: 4.30
14RAR	AXLE, LIFT, CONTROLS for One Lift Axle; Controls Inside and Outside Cab; Includes Lift/Lower Switch Inside Cab on Dash; Pressure Gauge and Pressure Regulator Outside Cab
14UAG	AXLE SPACING, FIRST PUSHER 62" Ahead of Drive Axle
14UHK	SUSPENSION, REAR, TANDEM {Hendrickson RT-463} Walking Beam, 46,000-lb Capacity, 54" Axle Spacing, Multileaf Springs, with Bronze Center Bushings
14WBN	DIFF. SWITCH CONTROLS Two Independent Switches for Control Traction Differentials on Tandem Rear Axles, Mounted on Dash
14WNH	AXLE, PUSHER, LIFT TYPE {Watson & Chalin SL1190SSR Tru-Trk Alumilite} 13,500-lb Capacity, One Self-Steer Axle
14WZY	AXLE SHAFT MODIFICATION Axle Shaft Flanges Modified for 0.625" Diameter Drive Studs with Solid Type Cone-Locks
15LKX	FUEL/WATER SEPARATOR {Davco Fuel Pro 382} 12 VDC Electric Heater, Includes Pre-Heater, Includes Water-in-Fuel Sensor
15MAD	FUEL HEATER {Cummins} Omit Plumbing for TRV on Cummins Engines
15SWK	FUEL TANK Top Draw, Non-Polished Aluminum, 26" Dia, 120 US Gal (454L), Mounted Left Side, Under Cab
15WDY	DEF TANK 15.9 US Gal (60L) Capacity, Frame Mounted Outside Left Rail, Under Cab
16030	CAB Conventional, Day Cab
	<u>Includes</u>
	: CAB REAR SUSPENSION Air
	: CLEARANCE/MARKER LIGHTS (5) LED Roof Mounted
	: COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window
	: CONSOLE, CENTER Includes Two Cup Holders and One Additional Storage Area
	: CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets, Retainer Nets and CB Radio Pocket; Located Above Driver and Passenger
	: COURTESY LIGHT (2) Driver and Passenger Door Mounted
	: DOME LIGHT, CAB Rectangular, Door and Instrument Panel Mounted Switch Activated, Timed Theater Dimming, Center Mounted, Integral to Console
	: FLOOR COVERING Rubber, Black
	: GLASS, ALL WINDOWS Tinted
	: GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side
	: GRAB HANDLE, CAB INTERIOR (4) "B" Pillar and Door Mounted, Two Each Side
	: READING LIGHT, CAB Located in Overhead Console
	: STORAGE POCKET, DOOR (2) Full Length, Driver and Passenger Door
16ATC	AUTOMATIC CLIMATE CONTROL Automatically Maintains Cabin Comfort Based on Selected Temperature
16BAM	AIR CONDITIONER with Integral Heater and Defroster
	<u>Includes</u>
	: HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps
16GEG	GAUGE CLUSTER Premium Level; English with English Electronic Speedometer

<u>Code</u>	<u>Description</u>
	<u>Includes</u> : GAUGE CLUSTER DISPLAY: Base Level (3" Monochromatic Display), Premium Level (5" LCD Color Display); Odometer, Voltmeter, Diagnostic Messages, Gear Indicator, Trip Odometer, Total Engine Hours, Trip Hours, MPG, Distance to Empty/Refill for : GAUGE CLUSTER Speedometer, Tachometer, Engine Coolant Temp, Fuel Gauge, DEF Gauge, Oil Pressure Gauge, Primary and Secondary Air Pressure : WARNING SYSTEM Low Fuel, Low DEF, Low Oil Pressure, High Engine Coolant Temp, Low Battery Voltage (Visual and Audible), Low Air Pressure (Primary and Secondary)
16HCS	GAUGE, TEMPERATURE, AMBIENT Sensor Wiring with Display Unit Mounted in Cluster
16HGG	GAUGE, OIL TEMP, ENGINE
16HGL	GAUGE, OIL TEMP, REAR AXLE
16HGN	GAUGE, AIR APPLICATION
16HHE	GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} with Black Bezel, Mounted in Instrument Panel
16HKB	GAUGE, MANIFOLD PRESSURE Data Link Driven; Mounted in Instrument Panel, Includes Controller Module
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
16LWP	SEAT, DRIVER {ISRI} Series 400, Air Suspension, High Back, Synthetic Leather, Double Chamber Lumbar, Heat, Inboard Armrest, Suspension Cover, Fore/Aft Isolator, Cushion Extension, Seat Tilt, Memory Quickdown
16SDC	GRAB HANDLE, EXTERIOR (2) Chrome, Towel Bar Type, with Anti-Slip Rubber Inserts, for Cab Entry Mounted Left and Right Side at B-Pillar
16SNS	MIRRORS (2) Aero Pedestal, Power Adjust, Heated, Black Heads and Arms, 6.5" x 14" Flat Glass, Includes 6.5" x 6" Convex Mirrors, for 102" Load Width
	<u>Notes</u> : Mirror Dimensions are Rounded to the Nearest 0.5"
16SRT	SEAT, PASSENGER {ISRI} Series 400, Air Suspension, High Back, Synthetic Leather, Double Chamber Lumbar, Heat, Inboard Armrest, Suspension Cover, Fore/Aft Isolator, Cushion Extension, Seat Tilt, Memory Quickdown
16UZJ	STORAGE, REAR WALL Storage Pocket, Located on Back Wall Between Driver and Passenger Seats
16VLV	MONITOR, TIRE PRESSURE Omit
16VVB	CAB INTERIOR TRIM Diamond Elite, for Day Cab
	<u>Includes</u> : DOOR TRIM, INTERIOR Bright Handle : INSTRUMENT PANEL TRIM Black with Woodgrain Accent, Black Gauges with Chrome Bezels : SUN VISOR (4) Padded Vinyl, 2 Moveable (Front-to-Side) Primary Visors and 2 Flip-down Auxiliary Visors; Vanity Mirrors and Toll Ticket Straps Driver and Passenger Sides
16WHJ	HOSE CLAMPS, HEATER HOSE {Breeze} Belleville Washer Type
16WJU	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature
16WLM	HOURMETER, PTO for Customer Provided PTO; with Indicator Light and Hourmeter in Gauge Cluster Includes Return Wire for PTO Feedback Switch
16WLS	FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood
16XBZ	MODESTY PANEL Painted Body Color, with Amber Lens LED Lights, for Day Cab
16XCM	CAB DOOR LOCKS Power, Driver Side Only; Non-Locking When Door Open
16XJP	INSTRUMENT PANEL Wing Panel

<u>Code</u>	<u>Description</u>
16XTM	ACCESS, CAB Aluminum, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab or Sleeper Cab
16XWV	SUNSHADE, EXTERIOR Aerodynamic, Painted Roof Color, with Integral LED Clearance/Marker Lights
16XYW	CAB SOUND INSULATION Day Cab Interior Noise Reduction Package
27DWR	WHEELS, FRONT {Accuride 43644} DISC; 22.5x8.25 Rims, Standard Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
28DUK	WHEELS, REAR {Accuride 29169} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with .472" Thick Increased Capacity Disc and Steel Hubs
29WLK	WHEEL BEARING, FRONT, LUBE {EmGard FE-75W-90} Synthetic Oil
34ACJ	WHEELS, LIFT AXLE PUSHER {Accuride 51408} Single Wheels, For One Lift Axle; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut << Pricing Includes Standard Tires >>
7482133264	(8) TIRE, REAR 11R22.5 Load Range H XDN2 (MICHELIN), 497 rev/mile, 75 MPH, Drive
7482133269	(2) TIRE, FRONT 11R22.5 Load Range H XZE2 (MICHELIN), 501 rev/mile, 75 MPH, All-Position
7652523253	(2) TIRE, PUSHER 255/70R22.5 Load Range H XZE (MICHELIN), 563 rev/mile, 75 MPH, All-Position
810000	FIFTH WHEEL LOCATION On Rear Axle Centerline
OBD001	FRAME RAILS WITH TAPERED REAR Omit Tapered Rear Frame Rail's
OBD002	SUSPENSION, REAR, AIR, TANDEM Approve RT463

Services Section:

40132	WARRANTY Standard for HX520, HX620, Effective with Vehicles Built January 1, 2021 or Later, CTS-2015B
40NSE	CARB COMPANION PLAN {Navistar} for CARB A26 and X15 Engines

Body/Allied Equipment

<u>Code</u>	<u>Description</u>
Goods Purchased	
<u>Code</u>	<u>Description</u>
	G-797H - MY2023 and MY2024 Commodity Surcharges (BASED on October 2022 Price Pages) Building on or after 11/1/22 HX

There is no weight study for this proposal.

GVWR Component Rating(s)

Ratings	Primary			Adjusted By			GAWR* (lbf)	GVWR** (lbf)
	ATA Class	Feature	Rating (lbf)	ATA Class	Feature	Rating (lbf)		
Front Component Ratings	AXLE, FRONT NON-DRIVING	0002ASM	14600					
	BRAKES, FRONT	0004XCM	14700					
	SUSPENSION, FRONT, SPRING	0003ADE	16000					
	WHEELS, FRONT	0027DWR	14780	TIRE, FRONT	0748213	13220		
Front GAWR							13220	
Pusher Component Ratings	WHEELS, LIFT AXLE PUSHER	0034ACJ	14800	TIRE, PUSHER LIFT AXLE	0765252	11020		
	AXLE, PUSHER, LIFT TYPE	0014WNH	13500					
Pusher GAWR							11020	
Rear Component Ratings	BRAKES, REAR	0004XCP	46000					
	BRAKE SYSTEM, AIR	0004092	40000	BRAKES, REAR	0004XCP	46000		
	SUSPENSION, REAR, TANDEM	0014UHK	46000					
	WHEELS, REAR	0028DUK	55560	TIRE, REAR	0748213	48040		
	AXLE, REAR, TANDEM	0014HRE	46000					
Rear GAWR							46000	
Overall Vehicle Limitations	SPECIAL RATING, GVWR	0010NZL	80000					
	TRANSMISSION, AUTOMATIC	0013BEK	999999					
GVWR Based on Axle Ratings***								70240
Calculated GVWR								70240

GCWR Component Rating(s)

Ratings	Primary			Adjusted By			GCWR**** (lbf)
	ATA Class	Feature	Rating (lbf)	ATA Class	Feature	Rating (lbf)	
GCWR Component Rating	TRANSMISSION, AUTOMATIC	0013BEK	999999				
	ENGINE, DIESEL	0012ETN	140000				
	FIFTH WHEEL, AIR SLIDE	0010KKV	140000				
	AXLE, REAR, TANDEM	0014HRE	160000				
Calculated GCWR							140000

* GAWR (Gross Axle Weight Rating) is the rating capacity of an axle system which include wheels, tires, axles, brakes, springs, and suspensions.
 ** GVWR (Gross Vehicle Weight Rating) is the maximum amount that a loaded vehicle can weight.
 *** GVWR Based on Axle Ratings = Front GAWR + Rear GAWR. Overall vehicle weight limitations are not taken into account.
 **** GCWR (Gross Combined Weight Rating) is the maximum weight of a tractor and trailer.

(0012ETN)

ATTACHMENTS: 0012WBR 0012THT 0007WZX 0007SAP 0016BAM

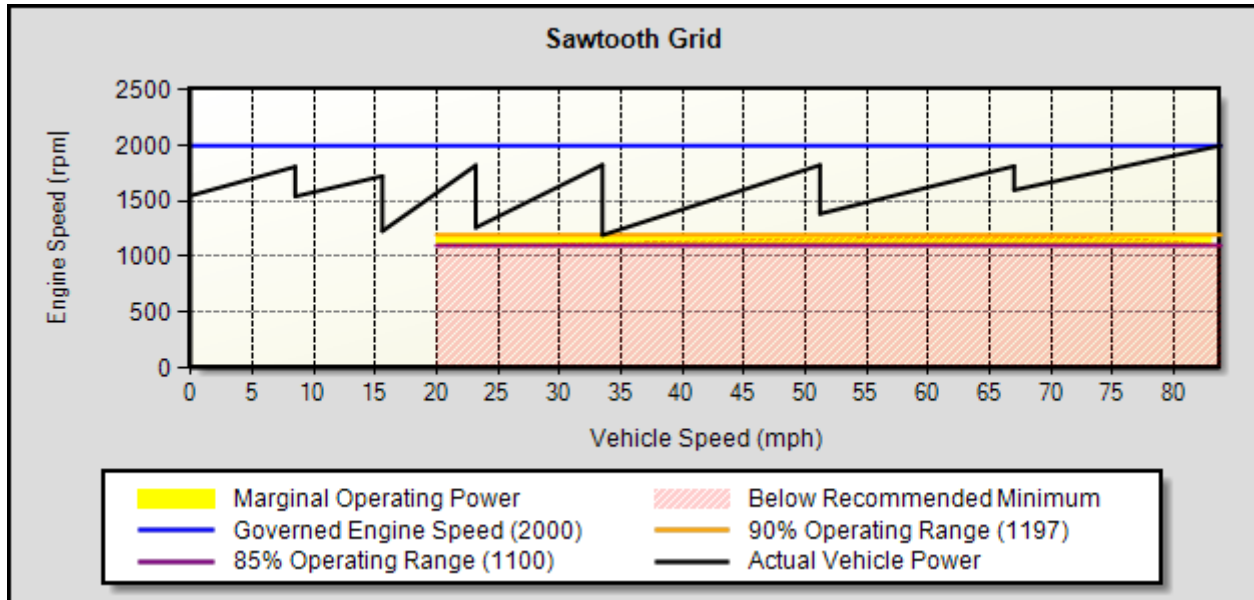
<u>Parameter</u>	<u>Value</u>	<u>UOM</u>
Max Accelerator Vehicle Speed	75	MPH
Road Speed Governor Upper Droop	0	MPH
Road Speed Governor Lower Droop	3	MPH
Driver Initiated Override (DIO)	N, DISABLE FEATURE OR FUNCTION	N/A
DIO Maximum Road Speed Delta	3	MPH
DIO Maximum Distance	30	MILES
Max Engine Speed No Veh Speed Sensr	1766	RPM
Road Speed Governor Type	1, TRADITIONAL	N/A
Fuel Economy Adjustment Factor	0, BALANCED FUEL ECONOMY	N/A
Gear Down Protection Enable	Y, ENABLE FEATURE OR FUNCTION	N/A
GDP - Heavy Load Vehicle Speed	62	MPH
GDP - Light Load Vehicle Speed	57	MPH
Driver Reward Enable	N, DISABLE FEATURE OR FUNCTION	N/A
Driver Reward Mode	2, ROAD SPEED GOVERNOR & CRUISE CONTROL	N/A
Fuel Economy - Expected Level	7.00	MPG
Fuel Economy - Good Level	7.25	MPG
Fuel Economy - Best Level	7.50	MPG
% Idle Time - Expected Level	20	%
% Idle Time - Good Level	15	%
% Idle Time - Best Level	10	%
Speed Reward - Expected Level	0	MPH
Speed Reward - Good Level	0	MPH
Speed Reward - Best Level	0	MPH
Speed Reward - Penalty Level	0	MPH
Idle Speed Adjustment Enable	N, DISABLE FEATURE OR FUNCTION	N/A
Low Idle Speed	600	RPM
Idle Shutdown Enable	Y, ENABLE FEATURE OR FUNCTION	N/A
ISD Time Before Shutdown	30.0	MIN
ISD Percent Engine Loading	50	%
ISD In PTO	N, DISABLE FEATURE OR FUNCTION	N/A
ISD Manual Override	N, DISABLE FEATURE OR FUNCTION	N/A
ISD With Parking Brake Set	N, DISABLE FEATURE OR FUNCTION	N/A
ISD Ambient Temperature Override	N, DISABLE FEATURE OR FUNCTION	N/A
ISD Cold Ambient Air Temperature	30	F
ISD Intermediate Ambient Air Temp	40	F
ISD Hot Ambient Air Temperature	81	F
ISD Manual Override Inhibit Zone En	N, DISABLE FEATURE OR FUNCTION	N/A
ISD Hot Ambient Automatic Override	Y, ENABLE FEATURE OR FUNCTION	N/A
ISD Engine Coolant Temp Threshold	53	F
Cruise Control Enable	Y, ENABLE FEATURE OR FUNCTION	N/A
CC Maximum Vehicle Speed	75	MPH
CC Save Set Speed	N, DISABLE FEATURE OR FUNCTION	N/A
CC Upper Droop	0.0	MPH
CC Lower Droop	3.0	MPH
CC Auto Resume	N, DISABLE FEATURE OR FUNCTION	N/A
CC Ovrspd Retard Activation Enable	Y, ENABLE FEATURE OR FUNCTION	N/A
CC Overspeed for Max Retarder	5.0	MPH
CC Overspeed for Min Retarder	3.0	MPH
CC Engine Brake Swtch Bypass Enable	N, DISABLE FEATURE OR FUNCTION	N/A
Retarder - Min Vehicle Speed	2	MPH
Retarder - Delay Time	1.0	SEC
Retarder - Service Brake Activation	Y, ENABLE FEATURE OR FUNCTION	N/A
Force Fan On With Retarder	N, DISABLE FEATURE OR FUNCTION	N/A
Engine Fan Min On Time For AC	30	SEC
Remote Accelerator Enable	N, DISABLE FEATURE OR FUNCTION	N/A

Remote Accelerator Mode	1, REMOTE ACCELERATOR PEDAL OR LEVER WITH TRANS VERIFICATION	N/A
PTO Enable	N, DISABLE FEATURE OR FUNCTION	N/A
PTO In Cab Mode	Y, ENABLE FEATURE OR FUNCTION	N/A
Remote PTO Enable	N, DISABLE FEATURE OR FUNCTION	N/A
Remote Station PTO Enable	N, DISABLE FEATURE OR FUNCTION	N/A
PTO Max Engine Speed	2000	RPM
PTO Min Engine Speed	600	RPM
PTO Maximum Engine Load	800	LB-FT
PTO Max Vehicle Speed	2	MPH
PTO Accelerator Override	N, DISABLE FEATURE OR FUNCTION	N/A
PTO Accel Override Max Engine Speed	2030	RPM
PTO Clutch Override	N, DISABLE FEATURE OR FUNCTION	N/A
PTO Service Brake Override	Y, ENABLE FEATURE OR FUNCTION	N/A
PTO Parking Brake Interlock Mode	3, PTO PRK BRK INT TYPE SET TO ALL	N/A
PTO Transmission Neutral Interlock	N, DISABLE FEATURE OR FUNCTION	N/A
PTO Eng Spd Limit w/VSS Limit	N, DISABLE FEATURE OR FUNCTION	N/A
PTO Ignore Vehicle Speed Sensor	N, DISABLE FEATURE OR FUNCTION	N/A
PTO Resume Switch Speed	925	RPM
PTO Set Switch Speed	850	RPM
PTO Additional Switch Speed	1000	RPM
PTO Ramp Rate	100	RPM/SEC
Remote PTO Number of Speed Settings	1	N/A
Remote PTO Speed Setting 1	600	RPM
Remote PTO Speed Setting 2	600	RPM
Remote PTO Speed Setting 3	600	RPM
Remote PTO Speed Setting 4	600	RPM
Remote PTO Speed Setting 5	600	RPM
Remote Station PTO Resume Sw Spd	750	RPM
Remote Station PTO Set Switch Speed	700	RPM
Remote Station PTO Addition Sw Spd	800	RPM
Transmission Driven PTO	N, DISABLE FEATURE OR FUNCTION	N/A
Transmission Driven PTO Type	2, TRANSMISSION DRIVEN IRREGULAR LOAD	N/A
Powertrain Protection Enable	N, DISABLE FEATURE OR FUNCTION	N/A
Max Torque Allow By Axle/Driveshaft	32744	LB-FT
Max Torque in Top Gear Range	5000	LB-FT
Max Torque in Int. Gear Range	5000	LB-FT
Max Torque in Low Gear Range	5000	LB-FT
Max Torque w/o Vehicle Speed	5000	LB-FT
Lowest Gear of Top Gear Range	2.00	N/A
Lowest Gear of Int. Gear Range	10.00	N/A
Lowest Gear of Low Gear Range	16.00	N/A
Engine Protection Shutdown	Y, ENABLE FEATURE OR FUNCTION	N/A
Engine Protection Restart Inhibit	Y, ENABLE FEATURE OR FUNCTION	N/A
Engine Prot Coolant Level Shutdown	N, DISABLE FEATURE OR FUNCTION	N/A
Sudden Veh Speed Decel Threshold	6.96	MPH
Trip Information Vehicle Ovrsped1	82	MPH
Trip Information Vehicle Ovrsped2	84	MPH
Veh Speed Sensor Anti Tamper Level	1, HIGH LEVEL	N/A
Maintenance Monitor Enable	N, DISABLE FEATURE OR FUNCTION	N/A
Maintenance Monitor Operating Mode	0, MAINTENANCE MONITOR AUTOMATIC MODE OF OPERATION	N/A
Maintenance Monitor Alert Percent	90	%
Maintenance Monitor Distance	15000	MILES
Maintenance Monitor Fuel	9090	GALLONS
Maintenance Monitor Time	800	HOURS
Maintenance Monitor Interval Factor	2.00	N/A
Master Password	000000	N/A
Adjustment Password	000000	N/A

Reset Password	000000	N/A
Predictive Gear Shifting	N, DISABLE FEATURE OR FUNCTION	N/A

These Electronic Parameters have been successfully finalized

ENGINE/TRANSMISSION MATCHING



Sawtooth Details

Gear	Trans Ratio	Upshift Power Avail		Govern Power Avail		Peak Power Comparison			Warn Msg
		Veh Spd (MPH)	Eng Spd (RPM)	Veh Spd (MPH)	Eng Spd (RPM)	Gear Step (%)	85% Range (%)	90% Range (%)	
1C	4.70	0.0	1550	8.5	1810	N/A	82	67	
2C	2.21	8.5	1542	15.6	1726	N/A	82	67	
2L	2.21	15.6	1231	23.2	1823	N/A	82	67	
3L	1.53	23.2	1262	33.5	1827	N/A	82	67	
4L	1.00	33.5	1194	51.2	1825	N/A	82	67	
5L	0.76	51.2	1387	67.0	1815	N/A	82	67	
6L	0.67	67.0	1600	83.8	2000	N/A	82	67	

@ - WHEELSLIP CAN OCCUR AT THE GRADE SHOWN. THE VEHICLE IS CAPABLE OF INCREASED GRADEABILITY IF MORE WEIGHT IS PLACED ON THE DRIVE AXLES.

STEADY STATE PERFORMANCE

Performance Results	Gear	Veh Spd (mph)	Eng Spd (rpm)	Fuel Econ (mpg)	Grade (%)	Notes
LEVEL ROAD MAXIMUM SPEED	6L	83.8	2000	4.30	0.00	
HI GEAR SPEED @ RATED RPM	----	----	----	----	----	
55.0 MPH STEADY-STATE	6L	55.0	1313	6.79	2.20	
TYPICAL OPERATING SPEED	6L	65.0	1551	5.91	1.69	- Calculated Grade Ability/Fuel Economy

VEHICLE ORDER CODING ERRORS MAY RESULT IF THE "LEVEL ROAD MAX SPEED" VALUE EXCEEDS THE "HI GEAR SPEED @ RATED RPM" AND IS USED AS THE ENGINE PROGRAMMABLE VEHICLE SPEED LIMIT.

IF THE RESULTS CONTAIN "----", VEHICLE CANNOT ATTAIN THAT SPEED.

IF THE RESULTS CONTAIN "*****", THE ENGINE USED DOES NOT HAVE A FUEL MAP. FUEL ECONOMY CANNOT BE PREDICTED.

Recommendations / General Information

IDLE FUEL RATE : 1.18 GALS/HR @ 600.0 RPM

TORQUE CONVERTER : TC-571 STALL RATIO: 1.62

Fuel Economy Route: Normal Route - City, Suburban, and Highway

Key Fuel Economy Information	City	Suburban	Highway	Notes
MILES PER GALLON	4.24	6.35	6.47	
AVERAGE MPH	18.9	39.8	54.6	
MISSION MINUTES	29.89	52.05	173.37	

IF THE RESULTS CONTAIN "*****", THE ENGINE USED DOES NOT HAVE A FUEL MAP. FUEL ECONOMY CANNOT BE PREDICTED.

GRADEABILITY PERFORMANCE

Enroute - Full Throttle Upshift Performance

Gear	Trans Ratio	Veh Spd (mph)	Eng Spd (rpm)	Whl Pwr (hp)	Grade (%)	Warn Notes Msg
1C	4.70	0.0	1550	0.00	29.75	@ STALL
		5.2	1599	325.43	29.75	@ 70% EFF
		6.8	1689	366.80	25.41	80% EFF
		8.5	1810	390.39	21.32	
2C	2.21	8.5	1542	276.64	14.74	
		15.6	1726	375.63	10.62	
2L	2.21	15.6	1231	396.54	11.26	
		23.2	1823	460.89	8.60	
3L	1.53	23.2	1262	406.62	7.49	
		33.5	1827	459.98	5.55	
4L	1.00	33.5	1194	384.37	4.49	
		51.2	1825	456.91	2.96	
5L	0.76	51.2	1387	439.50	2.80	
		67.0	1815	448.92	1.50	
		71.6	1939	424.26	1.00	
6L	0.67	67.0	1600	451.12	1.52	
		73.7	1760	446.13	1.00	
		79.4	1895	430.49	0.50	
		83.8	2000	395.64	0.02	RATED RPM
		83.8	2000	393.86	0.00	LEVEL ROAD

STARTING / TOP GEAR PERFORMANCE

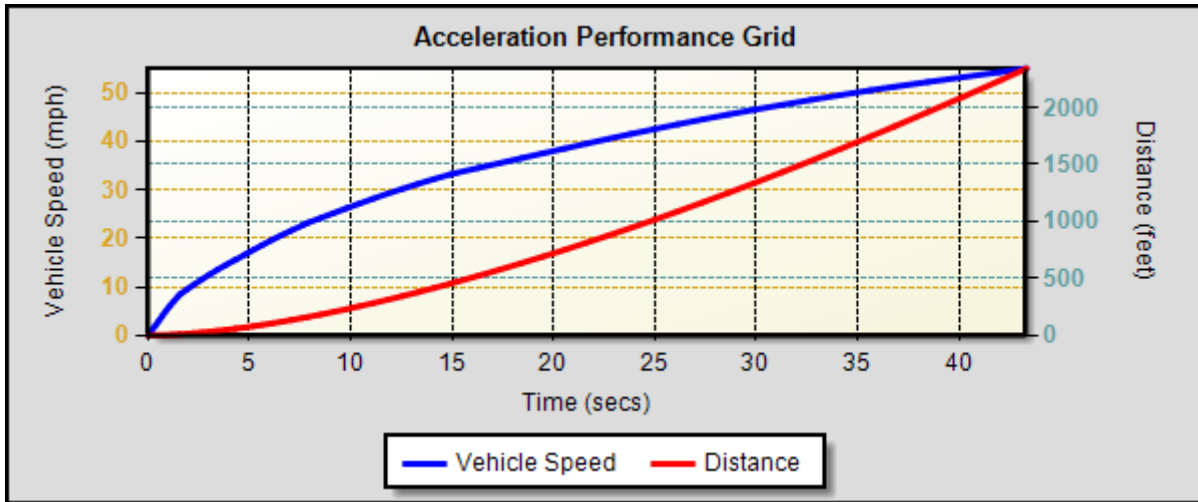
Gear	Trans Ratio	Veh Spd (mph)	Eng Spd (rpm)	Whl Pwr (hp)	Grade (%)	Warn Notes Msg
1C	4.70	0.0		0.00	29.75	@ STALL
		6.8		366.80	25.41	80% EFF - Calculated Start Ability

@ - WHEELSLIP CAN OCCUR AT THE GRADE SHOWN. THE VEHICLE IS CAPABLE OF INCREASED GRADEABILITY IF MORE WEIGHT IS PLACED ON THE DRIVE AXLES.

THE TRANSMISSION WAS SIMULATED IN PERFORMANCE OPERATING MODE.

ACCELERATION PERFORMANCE RESULTS

Acceleration Performance Grid



Acceleration Performance: TIME TO ACCELERATE ON A GRADE TO 55.0 (MPH) IS 43.35 (SECS)

Acceleration Performance Details

Gear	Time (secs)	Distance (feet)	Speed (mph)	Notes
1C	0.18	0.1	1.0	
	0.37	0.5	2.0	
	0.54	1.2	3.0	
	0.71	2.0	4.0	
	0.88	3.2	5.0	
	1.07	4.7	6.0	
	1.27	6.6	7.0	
	1.48	9.0	8.0	
	1.60	10.4	8.5	
2C	1.94	14.9	9.5	
	2.29	20.0	10.5	
	2.65	25.8	11.5	
	3.03	32.5	12.5	
	3.42	40.0	13.5	
	3.84	48.6	14.5	
	4.28	58.2	15.5	
	4.34	59.6	15.6	
	4.77	69.8	16.6	
2L	5.20	80.6	17.6	
	5.64	92.3	18.6	
	6.09	105.0	19.6	
	6.57	119.0	20.6	
	7.07	134.6	21.6	
	7.60	151.9	22.6	
	7.89	161.6	23.2	
	8.53	183.8	24.2	
	9.17	206.9	25.2	
3L	9.81	231.0	26.2	
	10.46	256.6	27.2	
	11.13	283.8	28.2	
	11.83	313.2	29.2	
	12.56	344.9	30.2	

Gear	Time (secs)	Distance (feet)	Speed (mph)	Notes
	13.32	379.0	31.2	
	14.11	415.8	32.2	
	14.94	455.2	33.2	
4L	15.24	470.2	33.5	
	16.30	522.8	34.5	
	17.36	577.2	35.5	
	18.42	633.4	36.5	
	19.49	691.3	37.5	
	20.56	751.0	38.5	
	21.63	812.7	39.5	
	22.73	876.8	40.5	
	23.84	943.7	41.5	
	24.98	1013.9	42.5	
	26.15	1087.9	43.5	
	27.37	1166.4	44.5	
	28.63	1249.6	45.5	
	29.93	1337.8	46.5	
	31.29	1431.2	47.5	
	32.69	1530.2	48.5	
	34.15	1635.0	49.5	
	35.66	1746.0	50.5	
5L	36.79	1829.8	51.2	
	38.48	1958.5	52.2	
	40.21	2092.2	53.2	
	41.98	2231.5	54.2	
	43.35	2341.6	55.0	

REQUIRED TCAPE INFORMATION

TCAPE Factors For Vehicle

Selected Rear Axle Gear Ratio(s):	4.3
Parked PTO:	NO
Enroute PTO:	NO
Vehicle Vocation:	MODERATE ON/OFF HIGHWAY
ID Wheel Slip Conditions:	Yes
Road Governor/Cruise Ctrl:	No
Engine Fan Type:	VISCOUS
Road Surface Type:	TYPICAL
Fuel Economy Route:	Normal Route - City, Suburban, and Highway
Acceleration Grade (%):	0.0
Frontal Area (FT ²):	88
Speed Limit on Route (MPH):	61.0
Relative Drag Coefficient:	105
Alternator (A):	40
Steering Gear (HP):	2.60
Air Conditioner (HP):	2.20
Vehicle Width (IN):	96
Vehicle Height (IN):	132
Weight on Drive Axle (LBF):	34000
Acceleration Vehicle Spd (MPH):	55.0
Ambient Temperature (F):	70.0
Air Compressor (HP):	2.20
TIRE, FRONT	2 - RADIAL NORMAL
TIRE, REAR	8 - RADIAL NORMAL

TCAPE Factors For Trailer

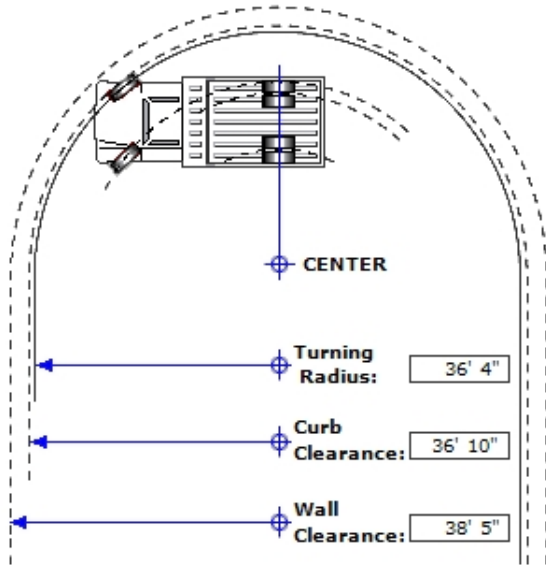
Cab Trailer Space (IN):	60
Tires On Vehicle:Quantity:	8 - RADIAL NORMAL

Components

0001AND	AXLE CONFIGURATION {Navistar} 6x4
0002ASM	AXLE, FRONT NON-DRIVING {Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,600-lb Capacity
0004SPA	AIR COMPRESSOR {Cummins} 18.7 CFM
0005PTB	STEERING GEAR (2) {Sheppard M100/M80} Dual Power
0008GHU	ALTERNATOR {Delco Remy 28SI} Brush Type, 12 Volt, 200 Amp Capacity, Pad Mount, with Remote Sense
0012ETN	ENGINE, DIESEL {Cummins X15 500 V} Productivity Series, EPA 2021, 500HP @ 1900 RPM, 1850 lb-ft Torque @ 950 RPM, 2000 RPM Governed Speed, 512 Peak HP (Max)
0012THT	FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed
0013BEK	TRANSMISSION, AUTOMATIC {Allison 4500 RDS} 6th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, On/Off Highway
0014HRE	AXLE, REAR, TANDEM {Meritor RT-46-164P} Single Reduction, Standard Width, 46,000-lb Capacity, with Lube Oil Pump, Driver Controlled Locking Differential in Forward-Rear and Rear-Rear Axle, 200 Wheel Ends
0016030	CAB Conventional, Day Cab
0016BAM	AIR CONDITIONER with Integral Heater and Defroster
0016XWV	SUNSHADE, EXTERIOR Aerodynamic, Painted Roof Color, with Integral LED Clearance/Marker Lights
07482133264	TIRE, REAR 11R22.5 Load Range H XDN2 (MICHELIN), 497 rev/mile, 75 MPH, Drive 11R22.5 Load Range H XDN2 (MICHELIN), 497 rev/mile, 75 MPH, Drive
07482133269	TIRE, FRONT 11R22.5 Load Range H XZE2 (MICHELIN), 501 rev/mile, 75 MPH, All-Position 11R22.5 Load Range H XZE2 (MICHELIN), 501 rev/mile, 75 MPH, All-Position

TCAPE HAS BEEN DESIGNED TO GIVE ECONOMY AND PERFORMANCE PREDICTIONS WHICH HAVE BEEN SHOWN TO BE TYPICAL FOR MOST OPERATIONS. HOWEVER, DUE TO OPERATING CONDITIONS, DRIVER INFLUENCES, AND OTHER FACTORS, YOUR RESULTS MAY VARY FROM THOSE PREDICTED. ALSO, BECAUSE OF FUEL MAPPING PROCEDURES USED BY VARIOUS ENGINE MANUFACTURERS, COMPARISONS OF FUEL ECONOMY RESULTS FOR DIFFERENT BRANDS OF ENGINES MAY VARY FROM THOSE SHOWN.

NAVISTAR, INC. SHALL NOT BE LIABLE FOR ANY LOSS OF PROFITS, LOSS OF USE, INTERRUPTION OF BUSINESS OR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND THAT ARE INCURRED BY DEALER OR BY DEALER'S CUSTOMERS AS A RESULT OF RELIANCE ON TCAPE, WHETHER THE CLAIM IS IN CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE.



Series: HX
 Model: HX620
 Description: HX620 SBA
 Model Year: 2024

Calculation Factors

Wheelbase: 238
 Front Axle: 0002ASM
 Description: AXLE, FRONT NON-DRIVING, {Meritor MFS-14-143A} Wide Track, I-Beam Type, 14,600-lb Capacity
 Front Wheel: 0027DWR
 Description: WHEELS, FRONT, {Accuride 43644} DISC; 22.5x8.25 Rims, Standard Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
 Front Tire: 07482133269
 Description: TIRES, 11R22.5 Load Range H XZE2 (MICHELIN), 501 rev/mile, 75 MPH, All-Position
 Steering Gear: 0005PTB
 Description: STEERING GEAR, (2) {Sheppard M100/M80} Dual Power

Turning Radius Statistics

General Information

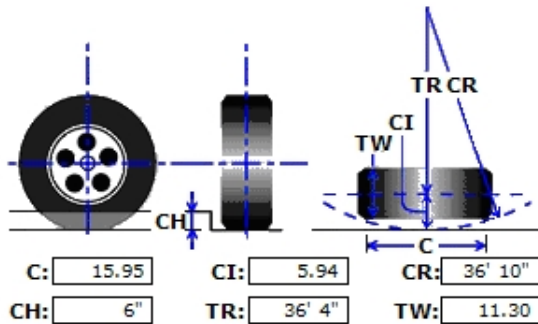
Inside Turn Angle: 40 Degrees
 Radial Overhang: 24.5

Axle Information

KingPin Inclination: 6.25 Degrees
 KingPin Center: 71.5

Turning Radius - Curb View

C - Curb Contact Length: 15.95
 CI - Curb Clearance Increment: 5.94
 CR - Curb Clearance Radius: 36'10"
 CH - Curb Height: 6"
 TR - Turning Radius: 36'4"
 TW - Tire Width: 11.30



* All Measurements are in inches, unless otherwise specified.

This information is based on engineering information available at this time. Actual figures may vary. Navistar, Inc. cannot accept liability for consequences due to this variance.

<u>Description</u>	<u>(US DOLLAR)</u>	<u>Price</u>
Net Sales Price:		\$311,973.13
Memo Item(s):		
Total Federal Excise Tax	\$0.00	
Total Taxes:	\$1,768.17	
Warranty:	\$0.00	
Body/Allied Equipment:	\$0.00	
Note: Memo item(s) shown here are included in the above Net Sales Price.		

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle. Total Taxes is for Oregon State Corporate Activity Tax. All Pricing is per Oregon State Pricing Agreement Contract # 1641.

Approved by Seller:

Accepted by Purchaser:

Official Title and Date

Firm or Business Name

Authorized Signature

Authorized Signature and Date

This proposal is not binding upon the seller without Seller's Authorized Signature

Official Title and Date

The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the IRS.

The limited warranties applicable to the vehicles described herein are Navistar, Inc.'s standard printed warranties which are incorporated herein by reference and to which you have been provided a copy and hereby agree to their terms and conditions.