



TRUCK BEV SPECIFICATIONS

DIMENSIONS

WHEELBASE	186"
EXTERIOR WIDTH (EXC. MIRRORS)	100.3"
INTERIOR HEIGHT	80.6"
BUMPER TO BACK OF CAB	88.6"
CAB TO AXLE (CENTER OF TANDEM)	152.7"
REAR AXLE TO END OF FRAME	58.8"
MAX HEIGHT FROM GROUND	157"
GROUND CLEARANCE	7.8" min
CURB TO CURB TURNING RADIUS	24.9'
WALL TO WALL TURNING RADIUS	27.8'

CAPABILITY & PERFORMANCE

WEIGHT RATING	GCWR: 82,000 lbs.
CURB WEIGHT	29,500 lbs.
PAYLOAD@ 82,000 GCW (53'(14,500 lbs.)TRAILER)	38,000 lbs.
PAYLOAD@ 82,000 GCW (48'(13,500 lbs.)TRAILER)	39,000 lbs.
DRAYAGE PAYLOAD@ 81,689 GCW (40' CONTAINER TRIDEM)	35,000 lbs.
STARTABILITY & GRADEABILITY	S: 16% G: 6% @ 36 mph
SPEED	Max Speed: 75 mph
RANGE	Up to 350 mi

MY2022 LAUNCH VEHICLE
SPECIFICATIONS SUBJECT TO CHANGE

POWERTRAIN

MOTOR	480kW/645HP E-axle continuous power output at 750V
MAX TORQUE (TO GROUND)	1,328 ft-lbs.

HIGH VOLTAGE SYSTEM

TOTAL ENERGY (PRODUCTION)	753kWh Batteries (9) Pack
CONNECTOR TYPE	CCS Version 2, Combo 1
CHARGE TIME (5% - 95% SOC)	3.5hrs @ 240kW
CHARGE TIME (10% - 80% SOC)	2hrs @ 240kW

LOW VOLTAGE ELECTRICAL SYSTEM

BATTERIES	(2) 12V 180 Ah Batteries (24V total)
DATA LINK CONNECTOR	OBDII Connector
POWER SOURCE	12V AC Receptacle & USB
WIRING	Color Coded and Marked
FAN DRIVE	Electric Fans

CHASSIS

FRAME RAILS	RBM 1.2M in-lbs, Height: 12", Thickness: 5/16"
TOW HOOK	1 Front - Passenger side
BUMPER	Aerodynamic Body Color Bumper
MUD FLAP HOLDER	Spring Loaded Holder

FIFTH WHEEL

TYPE	5th Wheel, Left hand release
HEIGHT (GROUND TO PIN CENTER)	47.4" unladen and laden height
LOWEST HEIGHT	45.4" manually lowered

FRONT AXLE & SUSPENSION

AXLE	19,800 lbs.
SUSPENSION RATING	Taper Leaf Spring 17,600 lbs.
FRONT TIRE	315/80R22.5

REAR AXLE & SUSPENSION

AXLE	50,700 lbs. Tandem
SUSPENSION RATING	Vibracoustic Air Springs: 62,000 lbs. Tandem
SUSPENSION AIR CONTROL	Electronic Controlled (ECAS)
DIFFERENTIAL LOCK	Pneumatically Operated, Cab Control with Indicator
REAR TIRE	315/80R22.5





FEATURES

SAFETY SYSTEMS

- LANE DEPARTURE WARNING
- MITIGATION AND STATIONARY OBJECT ALERT: INCLUDES FRONT RADAR, DRIVER DISPLAY
- STANDARD CRUISE CONTROL
- ANTI-LOCK BRAKING SYSTEM
- STABILITY CONTROL
- TIRE PRESSURE MONITORING SYSTEM
- FORWARD/REAR FACING (OFF CAB) CAMERAS

OPERATIONAL SOUNDS

- LOW SPEED MANEUVERING SOUND (AVAS)
- AUDIBLE REVERSE WARNING

BRAKE SYSTEM

- BRAKE SYSTEM - TRACTOR AIR SYSTEM: PRIMARY, SECONDARY
- REGENERATIVE BRAKING
- NYLON BRAKE LINES
- LOW AIR PRESSURE WARNING LIGHT AND AUDIBLE ALARM
- PRIMARY, SECONDARY, AND TRAILER AIR PRESSURE GAUGES
- PARKING BRAKE WITH ANTI-ROLL AWAY
- AIR BRAKE ABS
- AIR DRYER WITH HEATER
- ELECTRIC AIR COMPRESSOR
- MANUAL ACTUATED DRAIN VALVE
- AIR DISC BRAKES (FRONT/REAR)

TRAILER CONNECTIONS

- GLADHAND TRAILER CONNECTIONS
- 14' WORKING LENGTH HOSES & CABLES @ CENTER OF CAB
- 7 WAY ELECTRICAL TRAILER PLUG
- AVAILABLE 30A FUSE ON PIN 7 OF THE J560 CONNECTOR

EXTERIOR FEATURES

- LED WORK LIGHT
- LED HEADLIGHTS
- AUTO PRE/POST-TRIP LIGHT INSPECTION
- INTEGRATED FOGLIGHTS IN HEADLIGHTS
- LIFTING FRONT GRILL
- HEATED & POWERED MIRRORS
- PASSENGER SIDE LOOK DOWN MIRROR
- PASSENGER SIDE FRONT LOOK DOWN MIRROR
- AERODYNAMIC PACKAGE - CAB EXTENDERS & CHASSIS SKIRTS

CAB FEATURES

- CABOVER, DAY CAB WITH TILT ASSIST
- PUSH BUTTON START
- FM/BLEETOOTH RADIO
- AIR & ELECTRIC HORNS
- PUSH BUTTON TRANSMISSION SELECTOR
- REMOTE ENTRY
- CLUSTER AND INFOTAINMENT SCREENS
- PREMIUM SEATS
- EXTERIOR SUNSHADE WITH LED LIGHTS
- PREMIUM INTERIOR TRIM PACKAGE
- 4 SLOT OVERHEAD STORAGE
- POWER LOCKS
- POWER WINDOWS
- TILT & TELESCOPE ADJUSTABLE (AIR RELEASED) STEERING COLUMN

OPERATIONAL SOUNDS

- LOW SPEED MANEUVERING SOUND (AVAS)
- AUDIBLE REVERSE WARNING