

SPECIFICATIONS



DIMENSIONS	
WHEELBASE	182"
EXTERIOR WIDTH (EXC. MIRRORS)	100.3"
INTERIOR HEIGHT	80.6"
BUMPER TO FUEL CELL BACK PACK	146.5"
CAB TO AXLE (CENTER OF TANDEM)	101.46"
REAR AXLE TO END OF FRAME	58.8"
MAX HEIGHT FROM GROUND	157"
GROUND CLEARANCE	5" min
CURB-TO-CURB TURNING RADIUS	24.9'
WALL-TO-WALL TURNING RADIUS	27.8'

CAPABILITY + PERFORMANCE	
GROSS COMBINED WEIGHT RATING	GCWR: 82,000 lbs.
STARTABILITY	16%
MAX SPEED	70 mph
RANGE	Up to 500 mi*

POWERTRAIN	
FUEL CELL POWER MODULE	200 kW
TOTAL BATTERY CAPACITY (2 PACK)	164 kWh
CONTINUOUS POWER	536 HP / 400 kW
INSTANTANEOUS POWER	773 HP / 575 kW
CONTINUOUS WHEEL TORQUE	12,500 FT-LB
E-AXLE GEAR RATIO	21.6

LOW VOLTAGE ELECTRICAL SYSTEM	
BATTERIES	(2) 12V 180 Ah Batteries (24V total)
DATA LINK CONNECTOR	OBDII Connector
POWER SOURCE	12V Receptacle & USB

HYDROGEN SYSTEM	
HYDROGEN STORAGE CAPACITY	70 kG
REFUELING TIME	Less than 20 minutes**
STORAGE PRESSURE	10.000 PSI / 700 bar

CHASSIS	
FRAME RAILS	RBM 1.2M in-lbs, Height: 12", Thickness: 5/16"
TOW HOOK	1 Front - Passenger Side
BUMPER	Aerodynamic Body Color Bumper

FIFTH WHEEL	
TYPE	Fixed, Left-Side Release
LOAD MANAGEMENT	Dynamic Weight Adjustment
HEIGHT (GROUND TO PIN CENTER)	48.3" Unladen and Laden Height
LOWEST HEIGHT	45.4" Manually Lowered

FRONT AXLE + SUSPENSION	
AXLE	19,800 lbs.
SUSPENSION TYPE & RATING	Taper Leaf Spring, 17,600 lbs.
FRONT TIRES	315/80R22.5

REAR AXLE + SUSPENSION	
AXLE	50,700 lbs. Tandem
SUSPENSION TYPE & RATING	Air Spring: 50,700 lbs. Tandem
SUSPENSION AIR CONTROL	Electronic Controlled Air Suspension
DIFFERENTIAL LOCK	Pneumatically Operated
REAR TIRES - E-AXLE	275/80R22.5
REAR TIRES - TAG AXLE	295/80R22.5

FEATURES



SAFETY SYSTEMS

- LANE DEPARTURE WARNING
- AUTOMATIC EMERGENCY BRAKING SYSTEM
- DETECTION AND AEBs FOR MOVING PEDESTRIANS
- ADAPTIVE CRUISE CONTROL
- ANTI-LOCK BRAKING SYSTEM
- STABILITY CONTROL
- TIRE PRESSURE MONITORING SYSTEM
- FORWARD/REAR FACING CAMERAS
- LEFT SIDE AND RIGHT SIDE BLIND SPOT DETECTION

BRAKE SYSTEM

- REGENERATIVE BRAKING
- BRAKE PAD WEAR INDICATOR
- LOW AIR PRESSURE WARNING LIGHT AND AUDIBLE ALARM
- PRIMARY, SECONDARY, AND TRAILER AIR PRESSURE GAUGES
- PARKING BRAKE WITH ANTI-ROLL AWAY
- ELECTRONIC AIR BRAKE SYSTEM - EBS
- AIR DRYER WITH HEATER
- ELECTRIC AIR COMPRESSOR
- MANUAL ACTUATED DRAIN VALVE
- AIR DISC BRAKES (FRONT/REAR)

CONNECTIVITY

- NIKOLA FLEET COMMAND
- NIKOLA NOW APP
- OVER-THE-AIR UPDATES
- REMOTE DIAGNOSTICS
- NIKOLA SERVICE PORTAL

TRAILER CONNECTIONS

- GLADHAND TRAILER CONNECTIONS
- 14' WORKING LENGTH HOSES & CABLES
- 7 WAY ELECTRICAL TRAILER PLUG
- AVAILABLE 30A FUSE ON PIN 7 OF THE J560 CONNECTOR
- AUX ELECTRIC TRAILER 2 PIN TRAILER PLUG
- e-PTO (20 kW)

EXTERIOR FEATURES

- AERODYNAMIC PACKAGE - CAB EXTENDERS & CHASSIS SKIRTS
- INTEGRATED FOG AND ADAPTIVE LOW BEAM LIGHTS
- AUTO PRE/POST-TRIP LIGHT INSPECTION
- HEATED & POWERED MIRRORS
- BACK OF CAB WORK LIGHT
- LIFTING FRONT GRILL
- LED HEADLIGHTS

OPERATIONAL SOUNDS

- LOW SPEED MANEUVERING SOUND
- AUDIBLE REVERSE WARNING

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 DISPLAY (17" SCREEN)
- PREMIUM SEATS
- EXTERIOR SUNSHADE WITH LED LIGHTS
- PREMIUM INTERIOR TRIM PACKAGE
- 5 DIN SLOT OVERHEAD STORAGE
- POWER LOCKS
- POWER WINDOWS
- TILT & TELESCOPE ADJUSTABLE (AIR RELEASED) STEERING COLUMN

