
PRITCHARD
EST. P 1913
ELECTRIC VEHICLES
P7-C
Class 4 Electric Chassis Cab
POWERED BY R3E
R3E™

CUSTOMIZABLE. CONFIGURABLE. COMFORTABLE. FULLY ELECTRIC.

Introducing the P7-C class 4 chassis cab Powered By REE™. It's electric, but it's not like anything you've seen before. Everything about the P7-C was made to improve operational efficiency. Effortless maneuvering, low noise, zero emissions, a minimal step-in height and excellent visibility all add up to a safe and efficient working environment. You don't need to settle for legacy technology when transitioning your fleet to electric. You can make the most out of your investment now.

AT A GLANCE[1]

Gross Vehicle Weight	16,000 lbs
Max. Payload[2]	7,000 lbs
Peak Power	536 hp
Max. Body Length[3]	16 ft.
Range (Target)[4]	150 miles
X-by-wire	AWD AWS AWB

1) All illustrations, equipment, and technical data in this brochure are based on the latest information available at the time of publication. REE Automotive Ltd. ("REE") reserves the right to make changes at any time, without notice, in prices, colors, materials, equipment, specifications and models and to discontinue models or equipment. REE vehicles are assembled from component parts manufactured by REE, its affiliated companies and by independent suppliers who manufacture such components to REE's exacting standards for quality, performance and safety. Some vehicles are shown with optional equipment. REE urges drivers and operators to follow traffic rules, which are meant to keep them safe on roads.

2) Payload target based on pre-production model. Production model may vary and is subject to manufacturing tolerances.

3) Suitable for 14 ft. or 16 ft. box. Other body types and sizes are possible but please consult REE and body builder to check specifications.

4) Estimate based on a full charge and subject to change prior to production. Estimated range based on analytical simulations using typical urban drive cycle. Actual range may vary based on several factors, including temperature, terrain, battery age, loading, and how you use and maintain your vehicle.

Pre-production P7-C images shown on this page. Production model may vary.

YOU WANT AN EV THAT'S VERSATILE, FLEXIBLE, MODULAR AND CAN HANDLE THE DEMANDS OF CITY DRIVING. CONSIDER IT DONE.

The P7-C is designed around four ingenious REEcorner™ modules. Each are individually controlled using x-by-wire technology, with the REEcenter ECU coordinating all four REEcorner functions. Traditional mechanical components have been eliminated between the wheels to create a fully modular design that's nothing short of revolutionary.

The result is a commercial vehicle built for urban environments. REEcorner technology gives this 16,000 lb truck impressive maneuvering capabilities, and servicing is just as efficient. REEcorners are easily replaced, minimizing downtime for fleets by keeping vehicles on the road, and out of the shop.

The P7-C represents the exciting next development in our P7 platform product family, covering commercial class 3-6.

39 ft. Turning Circle[1]

Navigate tight urban spaces with all-wheel steer (AWS) for greater maneuverability.

<300 ms Time to Lock

City driving calls for sudden stops. REEcorner architecture enables industry-leading time to lock.

24 in. Platform Height

Low step-in height saves time while reducing driver fatigue and injury risk over thousands of stops.

Aerodynamic Design

Optimum curvature reduces drag and energy consumption while maximizing range.

Clear Sight Lines

Large windshield areas reduce blind spots and offer optimum visibility for busy urban environments.

Low TCO

Reduced downtime, quick servicing and long lifespan pays off in the near- and long-term.

(1) Safety or driver assistance features are no substitute for the driver's or operator's responsibility to operate the vehicle in a safe manner.

Pre-production P7-C images shown on this page. Production model may vary.

TECHNOLOGY THAT DELIVERS A LOW TOTAL COST OF OWNERSHIP.

CAB-FORWARD DESIGN

Driver-centric approach through a low cab floor and large windshield to provide superior visibility vs. traditional trucks

EASY CAB ENTRY & EXIT

The low platform height minimizes step in height into the cab, improving ergonomics for the driver and reducing risk of injury and driver downtime for the operator.

ALL-WHEEL STEER

Minimal turning radiuses enabled by REEcorner™ all-wheel steer (AWS) allows for optimal maneuverability in urban environments and loading docks.

HIGH SERVICEABILITY

To maximize uptime, each REEcorner can be replaced in under an hour[1], with a single dry connection for 400V, 48V, and cooling lines.

SAFE MANEUVERING

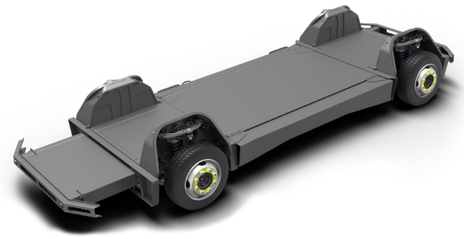
In adverse conditions and emergency maneuvers, x-by-wire enables superior Electronic Stability Control (ESC) for optimal stability.

REECORNER™ MODULE

Steering, braking, suspension, powertrain and control–the critical components in any vehicle—have been integrated into a single compact by-wire controlled module and strategically located between the chassis and the wheel. A central ECU keeps all four corners working together in harmony.

REE PLATFORM

The REE platform is fully flat end-to-end, thanks to REE's proprietary x-by-wire technology providing full steer-by-wire, brake-by-wire, and drive-by-wire independent wheel control. This enables a fully flat chassis, driver position flexibility, low step-in height, and improved vehicle maneuverability.



HIGH-ENERGY BATTERY

Large capacity, high energy Lithium-ion battery with the flexibility of both 22 kW AC and 100 kW DC charging.

1) REEcornerTM replacement timing based on authroised dealer partners. Timing can depend on availability of parts and other service orders at the dealer.

Pre-production P7-C images shown on this page. Production model may vary.

AS COMFORTABLE AS IT IS CONFIGURABLE.

- Hard-wearing materials help ensure vehicle can be easily maintained
- Large central HMI screen for minimal driver distraction and easy use
- Ample window space for excellent visibility in tight urban environments and pedestrian-heavy areas
- Multiple seating and bulkhead configurations to meet use case-specific needs
- Optimum cabin space - with high cab roof and low floor platform allowing driver to stand and move about cab with ease

SPECIFICATIONS[1]

CHASSIS CAB DIMENSIONS

Height (cab)	114 in.
Wheelbase	157.5 in.
Length (including bumper)	268 in.
Width (wheel nut to wheel nut)	97 in.
Width Between Wheel Arch	50 in.
Cab Length	89 in.
Cab to End Frame	179 in.
Cab Floor Height	24 in.
Ground Clearance	10.5 in.
Front Overhang	66 in.
Rear Overhang	44 in.
Front Track	81.5 in.
Rear Track	81.5 in.
Approach Angle @ GVW	13°
Departure Angle @ GVW	21°
Breakover Angle @ GVW	12°

BRAKING & TRACTION

Peak Torque	8,628 ft-lb
Peak Power	536 hp
Max Speed	75 mph
Drive	AWD
Motion Control	ESP functionality

BRAKING & TRACTION (cont)

Braking System	Electro-hydraulic four corner by-wire

LOAD BOX DIMENSIONS[2]
(for refrence)

Max Bed Length	16 ft.
Nominal Capacity 14 ft. box	825 ft.[3]
Nominal Capacity 16 ft. Box	950 ft.[3]
Load Box Floor Height	24/48 in. Access from driving cab-optional

WEIGHTS

Weight Class	Class 4
Gross Vehicle Weight	16,000 lbs
Max GAWR	8,979 lbs
Payload[3]	7,000 lbs

STEERING

Steering	4 x independent steer-by-wire
Min Turn Diameter	39 ft.
Sensors	Motor encoder, temperature, pinion angle, hall sensors

TIRES & WHEELS

Tire	245/70 R19.5
Wheel	19.5 in.

SUSPENSION

Type	Wishbone Twin coil over dampers

SUSPENSION (cont)

Suspension Travel	Bump: 2.75 in. Rebound: -5.12 in.
Sensors	Wheel speed, ride height, TPMS
Static Camber Value	0.0 +/- 1.0°
Static Castor Value	0.0 +/- 1.0°

BATTERY SYSTEM

HV Battery Voltage (nominal)	400 V
Target Range[4]	150 miles
HV Battery Charge	AC 22 kW DC 100 kW
Lifetime	>5000 charges
LV Battery Voltage[5] (nominal)	48 V

(1) Vehicle specifications are subject to change without notice. All data is approximate.

(2) Load box capacities based on 24 in. chassis height

(3) Payload target based on preproduction model. Production model may vary and are subject to manufacturing tolerances.

(4) REE estimate based on a full charge and subject to change prior to production. REE estimated range based on analytical simulations using typical urban drive cycle. Actual range may vary based on several factors, including temperature, terrain, battery age, loading, and usage and maintenance.

(5) 48 V for steering and brakes. 12 V available in cab for accessories.

Actual features and specifications of the vehicle may vary from the visuals shown herein. REE reserves the right to alter, add or remove any feature and/or specification without prior notice.

UPFIT READY.
NO MATTER YOUR NEEDS, WE HAVE YOU COVERED.

No two fleets have the exact same business needs or use cases, and yours will be no different. Whether your upfit solution needs to be conventional or customized, the low floor of the P7-C platform offers the best use of space. And the most exciting upfit possibilities.

Don't settle when it comes time to electrify your fleet. Whether you're carrying passengers or cargo, your EV chassis should be configurable to your requirements. REEcorner™ single wheel x-by-wire technology is ideal for mission-specific needs; offering a low total cost of ownership, a focus on driver satisfaction and retention, and enhanced operational efficiency. It's all possible, and REE is how.

P7-C is available as chassis cab only from REE.

Images are computer generated and stylized to show potential of what you can do with vehicle. Actual vehicle appearance may vary;consult your dealer or REE for available models, options, and current designs. Always work with REE and your preferred upfitter to see what is possible.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