

# THE ULTIMATE MICRO ELECTRIC VEHICLE

New life to used vehicles

- 100% electric
- ergonomic
- efficient
- made in Norway



THE BEST-SELLING NORWEGIAN VEHICLE OF ALL TIME



## AWARD WINNING VEHICLES

Paxster is 100% designed for efficient, ergonomic and environmentally friendly distribution.

Together with the well-known Eker Design, this vehicle has won the “Award for good design” and the “Honorary award for good design”.

**DOG A** AWARD

**DOG A** HONOURS AWARD  
Design and  
Architecture

Our vehicles are built for urban and sub-urban last-mile. However, you will find inspiring customers in a wide range of applications. Paxster is being used in the municipal sector, by food distributors, caretakers, craftsmen, in private operations and a number of others who need a modern and green vehicle in urban areas. The Paxster is also a well-known vehicle with several of the large international logistics companies.



*We will contribute to a better world for the next generations by accelerating sustainable solutions in smart cities*

# NEW LIFE TO USED VEHICLES

After 4-6 years on the road, we buy back selected vehicles and take them through our unique re-production process. This circular concept is called Paxster 2ndDrive.

The process of making a 2ndDrive vehicle is a detailed and comprehensive one. No single component is left untouched. The vehicles are then built to the latest standard, which extends the life of the vehicle considerably, which provides a huge environmental benefit. All 2ndDrive vehicles meet current safety, reliability and appearance standards, are equipped with the latest connectivity features and are sold with a solid warranty.

- *12-month commercial use warranty*
- *24-month Li-Ion battery warranty with unlimited milage.*

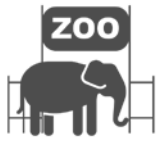
**MORE ABOUT  
2ndDrive**



“ We are re-using more than 90% of the vehicle!



RESPONSIBLE | PASSIONATE | PROFESSIONAL



Zoo



Garbage collection



Campus



Hotels



Parking enforcement



Newspaper delivery



Battery exchange



Hospitals



Mobile cleaning service



Craftsmen



Food delivery



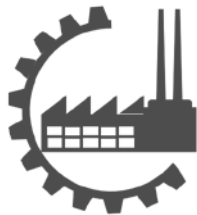
**SAME PAXSTER  
- ENDLESS POSSIBILITIES**



Parcel delivery



Post delivery



Intra logistics



Municipalities



Tourism



Groceries



First responder



Gardening



Theme parks



Private mobility



Bakeries



Farms

RESPONSIBLE | PASSIONATE | PROFESSIONAL



**IT MAY LOOK SMALL, BUT THOSE WHO GIVE IT A CHANCE ARE QUICKLY SURPRISED BY ITS CAPACITY.**



# CUSTOMIZE YOUR PAXSTER

Visit our online Paxster-builder to explore different models, accessories, and price options. You can also save your configuration or ask for a price offer directly in the configurator.



**ARE YOU READY?**

**Configure your own Paxster 2ndDrive!**

- Add features
- Get an offer



# OUR 2ndDrive MODELS



## DELIVERY 1.000L

- 740 litres
- Several standard configurations available
- 180 degree door opening
- 50/50 door configuration
- Vehicle dimensions 229x118x186cm



## CARGO 1.250L

- 950 litres
- Electric door lock
- No center pole – 60/40 door configuration
- 270 degree door opening
- Rigid hold-open magnets
- i-Button
- Top and bottom lock latch
- Vehicle dimensions 235,5x118x186cm



# EXTERIOR DIMENSIONS

## DELIVERY



Door opening / between posts

Max inner dimensions



## CARGO



Door opening / between posts

Max inner dimensions







# SAFETY

## SEATBELT

Paxster follows the European safety directive for light- and heavy quadricycles.

All our vehicles come equipped with a comfortable three-point seatbelt. Wearing a seatbelt significantly reduces operator risk and helps prevent the operator from falling out during operation.

## DRIVER SENSOR

Each Paxster is fitted with a driver sensor integrated into its saddle seat assembly.

When the driver is not present, the sensor inhibits drive. The driver sensor also communicates with the automatic parking brake system, safeguarding the driver is sitting on the seat before releasing the brakes.

## STABILITY

Our engineers have designed the battery module in a way that allows us to use it for optimizing the vehicle's center of gravity.

## SAFETY GLASS

In the field of vision, we have applied automotive standard safety glass to protect the driver. The safety glass has laminated sunscreening and heating elements to remove ice.

Outside the field of vision, we use a softer type of glass-coated polycarbonate plastic to protect pedestrians. For the vehicle body panels, we use ABS.

## CRASH PROTECTION

Being a small and lightweight vehicle, we are using the basic structures to create a safe cabin with minimal deformation during frontal impacts.

The cargo box behind the driver, steering column, steering column support structure, chassis and front suspension all comes together for a safer environment.

## ACADEMY

All Paxster customers are given free access to our online driver training and certification suite, covering everything from basic care and DIY maintenance to safe operation.

Academy ends with a certification test and digital diploma.

## CHECKLISTS

Paxster provide customers with a recommended daily, weekly and monthly checklist to complement the annual preventive maintenance.

These checklists will be integrated into our Paxster Connect service, allowing you to have more control.

**BUILT  
FOR WINTER  
CONDITIONS**



**SMALL  
FOOTPRINT**



**EXCELLENT  
NAVIGABILITY**



**EASY TO GO  
IN AND OUT**



Many of our drivers are out long before the snowmobiles arrive, and they all agree the driving performance of the vehicles are excellent during the winter.

– Marianne Romsdal, Distribution Manager at Norway Post

# BATTERIES

Range estimates are based on actual performance during start/stop driving in the Nordic countries and not NEDC data. Estimates represent the lowest realistic range.

## MAINTENANCE FREE

- No maintenance or service needed.
- No need for special charging areas with ventilation.
- No need for expensive charging infrastructure.
- No expensive battery-changing systems with their heavy drain on time and human resources.

Did you know that Paxster uses the same battery chemistry as Tesla? That's right! All our vehicles are equipped with Lithium Iron Phosphate (LFP) batteries. Compared to standard Li-Ion chemistry, LFP batteries have a significantly longer life cycle, are non-toxic, cobalt free, and much safer.

The 2ndDrive batteries are between 4-6 years old. Each battery is completely disassembled, refurbished, software updated, and capacity tested. We ship our vehicles with a state-of-health certificate to give you complete peace of mind on your new purchase.

After operating a fleet of more than 3000 Paxster vehicles, over 10 years, we have experienced that the capacity loss is 2,1%. That is about the same as the Tesla Model 3 (2,3%) and significantly better than the Nissan Leaf (4,2%)\*. The battery and charger are controlled by an automotive standard BMS system. You can also use the Paxster Connect app to access your vehicle and get up-to-date status on charging and battery.

## RANGE OPTIONS

2ndDrive vehicles are offered with different range options.

1. 60 km
2. 70 km
3. 80 km

\*Charlotte Argue 2020, Geotab, What can 6,000 electric vehicles tell us about EV battery health?, tilgang 29.03.2022, <https://geotab.com>



# FEATURES & TECHNOLOGY FOR USED VEHICLES

## 2ndDrive SPECIFICATIONS

Average age	3-6 years
Upgrade	All vehicles are upgraded and re-built to the latest technical specifications, performance- and appearance standards.

## HOMOLOGATION & APPROVAL

Top speed	45km/h
Seating position	Center

## VOLUME & PAYLOAD

Delivery	Total of 1000L
Cargo	Total of 1250L
Payload	240 kg

## BATTERY, CHARGING AND RANGE

Battery type	Fixed
Chemistry	LiFePo4
Voltage	48V
Battery protection	BMS
Charger	Separate charger. Can be wall mounted.
Voltage	10-230V
Max power draw	6A @ 230V
Charging time	5-10 hrs
Outdoor charging	Yes
Below zero charging	Integrated battery heater
Testing	Batteries are reconditioned and released for production only if they pass thorough inspections and have a minimum state-of-health @ 80% or more. Since we reuse the original batteries, availability may impact lead-time. Each vehicle is supplied with its own unique test certificate.

## POWERTRAIN

Motor	3-phase PMAC
Maximum power	6kW
Torque	380Nm
Energy consumption	80-110 Wh/km
Transmission	Fixed reduction gear 1:10
Differential	Open
Final transmission type	Splined shaft
Hill-starting ability at max load	18%
Maximum noise	65dB

## BRAKE SYSTEM

Regenerative brake	Active on lever activation and Passive on throttle pull-back
Front	Right-hand side lever, hydraulic disc brake with sinter pads
Rear	Left-hand side lever, hydraulic disc brake with sinter pads
Fluid	4 +
Park brake	Mechanical, manual
Secondary park brake	Hydraulic, thumb lever activated

## AXLES AND WHEELS

Driven axles	Rear wheel drive
Wheel dimension	145 or 155/70 R13
New or used:	Vehicles are normally sold with the same tires as when received, subject to passing our quality control. As standard we sell vehicles on steel rims.

Customers can upgrade their order with new summer and/or winter tires (with or without stud) and aluminum rims.

## SUSPENSION & STEERING

Steering type	Ackermann-design
Steering input	Handlebar
Minimum turning radius	3.2 meters
Front suspension	Dual A-arm w. coil-over shock absorbers
Rear suspension	Trailing-arm design w. coil-over shock absorbers
Upgrade:	All systems are carefully refurbished, upgraded with new components and repainted for maximum life expectancy.

## LIGHTS

Headlamps	LED
Taillamps	LED
Work lamps	LED – OPTIONAL
Warning lamps (orange)	LED – OPTIONAL

## BODY AND CHASSIS

Body standard:	During the upgrade process, we install new body and floor panels for a perfect finish. Be advised that we re-use the windscreen and some smaller surface panels inside the cabin. Some natural wear must be expected.
Standard color	Solid White – RAL9003
Material	UV resistant ABS plastic
Chassis	Steel
Chassis upgrade	During manufacturing, we strip the chassis and remove old paint to check for wear. Each chassis is then re-painted and receives a new anti-corrosion treatment
Corrosion treatment	Zink-manganese
Paint	Powder-coat, black

## SAFETY AND SECURITY

De-icer type	Laminated, integrated into windscreen
Heated grips	Optional
Adjustable saddle seat	Standard
Sunscreen	Standard
Windscreen wiper and washer	
Washer tank volume	1 liter
Drive mode selector	Winter / Eco / Power
AUX power	12V / 5A
Speedometer	kmh/mph
Seat belt type	3-point
Immobilizer switch on seat	Activates parking brake
Hazard lights	Standard
Horn	Standard
Reverse buzzer	Standard
Electric lock on cargo box	Optional
Electric lock on front loader	Optional
Rearview camera	Optional
Remote ignition/lock key-fob	Optional



The vehicle is a joy to ride and it is not uncommon that drivers rush to be the first one to get the Paxster. It allow us to walk less and deliver more.

Site Manager, Dominos Pizza



We can change 200 batteries in one day, that was not possible with a bigger car.

Tiago Dasilva, Bolt, Electric scooters



Paxster is a great tool that helps us in our operations. It makes our daily work easier.

Nina Stenersen, Sarpsborg ASVO



We see that Paxster have many applications and we will probably also use it for larger events in the city.

Bård Roughvedt, Municipality of Skien



After several recommendations from other companies, we wanted to try ourselves.

Einar S. Karlsen, Municipality of Fredrikstad, Parking Enforcement



# OUR NEW VEHICLE OPTIONS

## PAXSTER CARGO – OUR BESTSELLER

- 240 kg payload
- 1250 l cargo space

## PAXSTER XL – OUR NEWEST MODEL

- 400 kg payload
- 2000 l cargo space



**MORE ABOUT  
PAXSTER XL**



## BUILT FOR URBAN AND SUB-URBAN LAST-MILE AND LOVED BY THE DRIVERS!

- Efficient
- Ergonomic
- Small footprint
- Front loader
- Additional features
- Excellent in the winter
- Large loading capacity
- Paxster Connect\*

Paxster Connect is way more than a fleet management system. It is developed to help our customers to reduce costs, improve operational safety, simplify tasks and contribute to their HSE and safety work.



**EXPLORE  
OUR NEW  
VEHICLES**

**BUILT WITH  
AND FOR THE  
DRIVERS**

**NEW  
VEHICLES**

RESPONSIBLE | PASSIONATE | PROFESSIONAL

## QUOTES FROM SOME HAPPY 2ndDrive CUSTOMERS



**Our Paxster gets a lot of attention! It is easy to navigate in the city and in narrow streets. Easy to get in and out of, and we use it all year round.**

Municipality of Tønsberg, Parking Enforcement



**The Paxster is like a car. Very low service requirement and very reliable. Follows the traffic well and fits well in the city. Excellent follow-up from Paxster's service team.**

DHL Express, Delivery



**The Paxster works excellently for our purpose, which is mainly the transport of small equipment and relocation internally in our relatively large area.**

Sateba Norway, Intra Logistics




**The Paxster is easy to use and provides very good accessibility. It has high operational reliability and Paxster provides good follow-up.**


Municipality of Kristiansand, Home Service


---

### PAXSTER AS

Bredmyra 10, 1739 Borgenhaugen, Norway

 400 00 490

 [paxster.no](https://paxster.no)

 [paxster.no/blog](https://paxster.no/blog)

**PAXSTER**  
changes delivery