

# Power of Freedom.

Which type of energy works best for you?  
Now you can choose the battery  
whose battery life and recharge time  
suit your lifestyle, and your personal  
travel requirements.

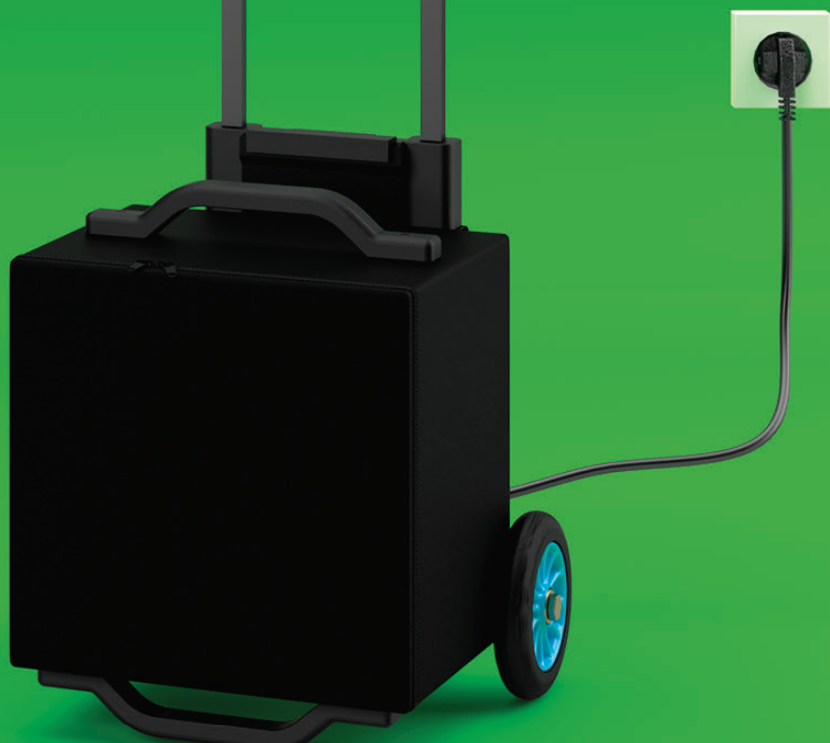
#### LITHIUM Re-Move (removable)

Battery life: up to 55km\*  
Charge time: max 2-4h  
Allows partial recharge  
Absorption: 1.200W

#### LITHIUM MAXI

Battery life: up to 100km\*  
Charge time: max 3-6h  
Allows partial recharge  
Absorption: 1.200W

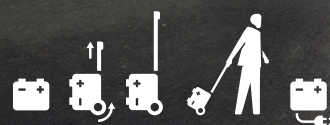
\* may vary according to temperature,  
driving style, type of route and weight.



## Recharge your Energy.

### Easy move and Re-Move.

Birò Big's energy is always with you,  
because it is the only 4-wheeled personal  
commuter to be fitted with the Re-Move  
removable battery system. Once your  
Birò Big is parked, it is easy to remove the  
battery unit and take it to your house, your  
office, or wherever is most convenient, to  
recharge your batteries with ease, meaning  
that you can drive further in a single day.  
This is a very useful system if you don't  
have a personal parking space, but it  
also helps you to organise your travel as  
efficiently as possible.

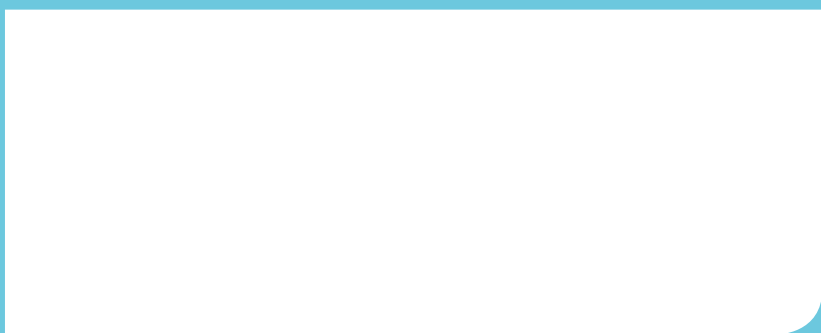


## Free to Move.

Birò Big is the solution for your daily  
commutes, a four-wheeled electric  
vehicle that saves you time and  
stress, combining work and leisure.  
With Birò Big, inner-city traffic is  
no longer a problem. Its compact  
dimensions allow for easy parking in  
scooter spaces and easy access to the  
restricted traffic zones of many cities.  
Equipped with useful internal  
compartments, Birò Big has been  
designed to be small yet sociable  
with two seats, side by side,  
so you can travel with  
whomever you choose.



**Estrima S.r.l.**  
Via Roveredo 20/b  
33170 Pordenone (PN), Italy  
T (+39) 0421 760365  
info@estrima.com  
[www.estrima.com](http://www.estrima.com)



**BIRÒ** Big



# Birò Big, the first 100% electric, 4-wheeled personal commuter with removable battery and a comfortable 300-liter storage space.

Perfect to travel freely in the restricted traffic zones of many cities and to park easily in scooter spaces.

I'm Easy. **BIRÒ**

## Drive small, think Big.

Now Birò is even bigger, thanks to a wider storage space, high levels of safety and freedom. Birò Big is equipped with a comfortable rear storage space that exceeds the 300 litres and this allows you to move with all the things you need. Maximum freedom for a total driving vision: Birò Big has a cabin with wide transparent surfaces which offer you wide views, guaranteed in any condition by the defrost grid windscreen. The roof can be opened and the side doors removed to allow light and air in during the hottest seasons.

Enjoy the city, Birò Big is the personal commuter for anyone who has clear ideas about mobility.



**300LT**    \* With maxi battery.

## Less is more.

Fun and comfortable, Birò Big is keyless and uses Birò Card to open the driver side door and start the engine. Birò Big is fitted with two brushless 100% electric motors to guarantee zero emissions, zero noise pollution and zero petrol consumption. There are so many advantages to a personal commuter that is small, practical and intelligent.



   100%

## Small but spacious.

**Birò Big is equipped with:**

- new rear roto-moulded structures
- transparent rear door
- transparent side windows



## Overview

### Technical sheet

**General features**

- Security frame 3mm thick tubular steel
- 4 hydraulic disc brakes
- Openable, tempered-glass sunroof
- Reversing buzzer
- Electronic Birò Card
- 3 point safety belts
- 145/60 R13 tyres
- Lateral rear-view maxi mirrors
- USB port
- Two-speed selector + Boost
- Removable polycarbonate doors with electric lock on the driver side
- Defrost grid windscreen

### Electric features

- 2 Brushless 48 V electric engines
- Max power: 4 Kw
- Braking energy's recoverer
- 220V battery charger

### Performances

- Maximum legal speed: 45 Km/h
- Boost (to enjoy more power if you need be)
- Slopes able to exceed: up to 20%
- Sudden steer radius: From the center of the outside wheel: 2800 mm radius
- Minimum diameter of steering between walls: 6 m

 **New rear roto-moulded structures**  
Birò Big with 145/60 R13 front and rear tyres

### Dimensions & Storage

**Dimensions**

- (A) Length: 1.835 mm
- (B) Width: 1.030 mm
- (C) Height: 1.565 mm
- (D) Height above ground: 190 mm

### Rear compartments

- Maximum volume of the trunk: 300 litres\*
- Volume of the upper rear trunk: 196 litres
- Volume of the lower rear trunk: 41 litres\*\*
- Maximum load weight of the trunk: 100 Kg
- Maximum sizes of the trunk (mm): 796(l) x 861(a) x 428(p)

\* With maxi battery.

\*\* With the Lithium battery Re-Move, the rear lower storage compartment, is occupied by the battery.



## Frame colours



**Basic Colours**

- 01 White
- 02 Green
- 03 Black



 **Optional Colours**  
You can choose among 99 colours

