

**BOOST**

EVO5

**etility**<sup>®</sup>  
DESIGN

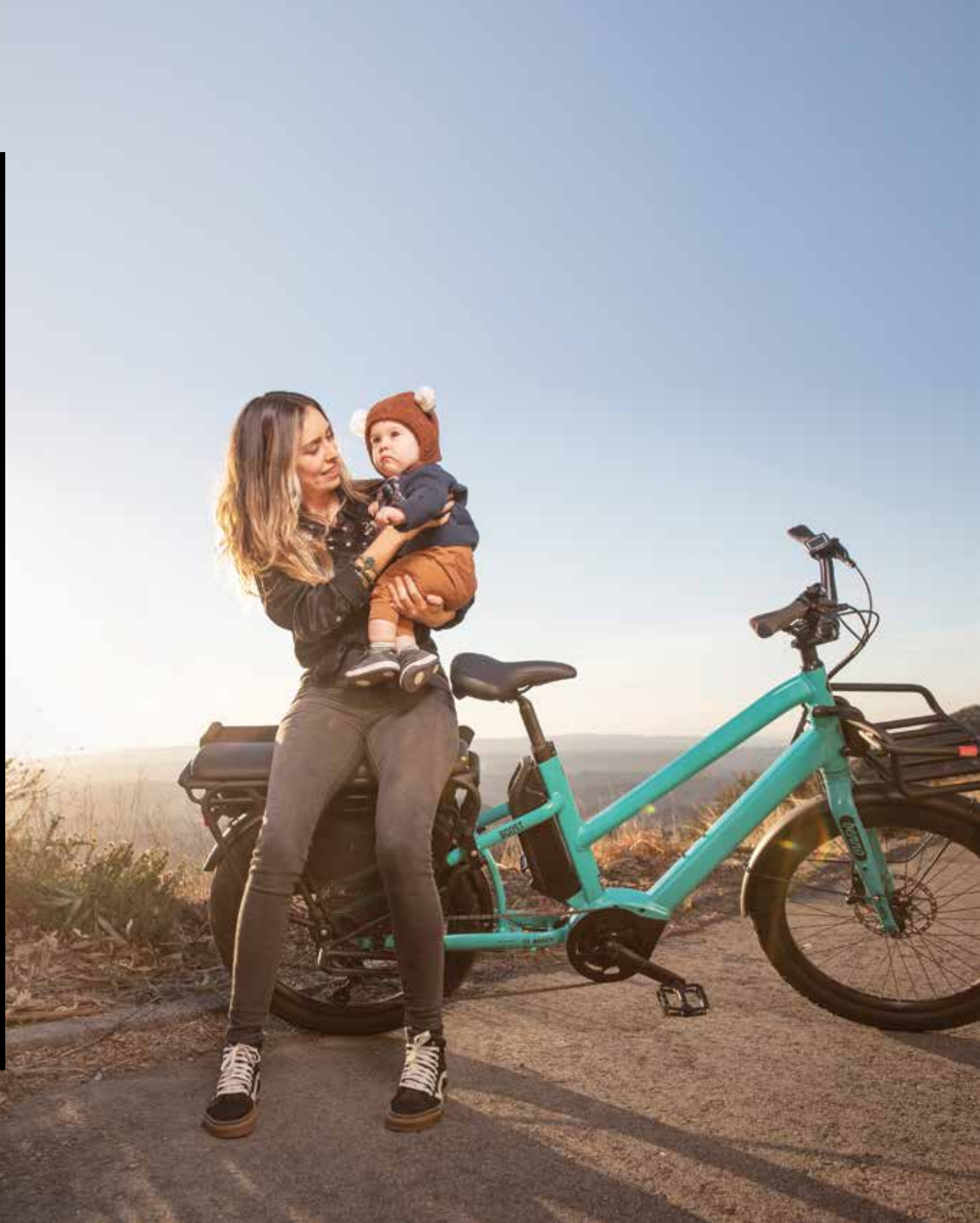
THE ORIGINAL

*benno*<sup>®</sup>

## **BOOST**

### **THE BOOST DOES MORE, SO YOU CAN DO MORE.**

The Benno Boost, with Etility® Design, is up for anything and able to carry more than 3x the load of a typical bike. Flatten hills and shorten distances with the industry leading Bosch mid-drive electric motor and dual battery option, delivering unrivaled performance with up to 160 miles of range. The award-winning Boost is many bikes in one, with a smart, interchangeable rack and rail system that lets you pick and choose from dozens of possible configurations to suit the mission and your lifestyle.





**Multifunction Utility Rack**  
fits two child seats or passengers, rails, pads, sideloaders, large panniers and wheel guards (max load 130lbs/60kg)

**DualBattery Option**  
for up to a 1000Wh (CX/Speed models)

**Compatible with all Benno Front Trays**  
(sold separately)

**Shimano Deore**  
10-speed drivetrain

**Benno Dual Kickstand**  
Compatible

**Thru Axles**  
front and rear

**Magura Hydraulic Disc Brakes**  
4 piston front/2 piston rear

**New Oversized Rear Triangle**  
stronger, beefier and more rigid  
seatstay and chainstay

**BOOST**

EVO5






Only 45mm Longer than a Regular Bike  
1905mm long

# LET'S TALK MOTORS

EPOWERED BY  **BOSCH**






## PERFORMANCE



TORQUE/POWER	 65Nm/250W
MAX SUPPORT LEVEL	 300%
	 20mph USA
MAX SPEED	 32km/h CAN/NZ
	 25km/h EU/AUS
BATTERY	400Wh/500Wh
ESTIMATED RANGE SINGLE BATTERY	25-85mi (40-135km)





## PERFORMANCE CX



TORQUE/POWER	 85Nm/250W
MAX SUPPORT LEVEL	 340%
	 20mph USA
MAX SPEED	 32km/h CAN/NZ
	 25km/h EU/AUS
BATTERY	500Wh/1000Wh DualBattery
ESTIMATED RANGE SINGLE BATTERY	30-80mi (50-130km)
ESTIMATED RANGE DUAL BATTERY	60-160mi (100-260km)





## PERFORMANCE SPORT



TORQUE/POWER	 65Nm/250W
MAX SUPPORT LEVEL	 300%
	 28mph USA
MAX SPEED	 45km/h NZ
BATTERY	400Wh/500Wh
ESTIMATED RANGE SINGLE BATTERY	25-80mi (40-130km)

## PERFORMANCE SPEED



TORQUE/POWER	 85Nm/250W
MAX SUPPORT LEVEL	 340%
	 28mph USA
MAX SPEED	 45km/h NZ
BATTERY	500Wh/1000Wh DualBattery
ESTIMATED RANGE SINGLE BATTERY	25-75mi (40-120km)
ESTIMATED RANGE DUAL BATTERY	50-150mi (80-240km)



## THE ETILITY BIKE

A typical ebike offers a nice ride, but not much utility. A cargo ebike carries heavy loads, but can be difficult to maneuver. We believe what people really need is an everyday ebike engineered with the perfect blend of ride dynamics, cargo capacity and good looks. Awesome agility with the ability to carry exactly what you need. We call it Etility® Design and it's at the heart of every Benno ebike.

### RIDE

A great ride is the most essential ingredient. Because a bike that's more agile, stable and maneuverable is ultimately more enjoyable.

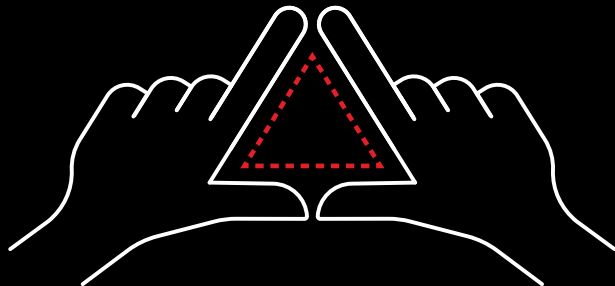
### LOOKS

Design that looks good is also about making sure you look and feel great riding a Benno— with and without cargo.

### CARGO

Etility design means you can easily carry more cargo when you want to without having to pedal and store more bike than you need to.

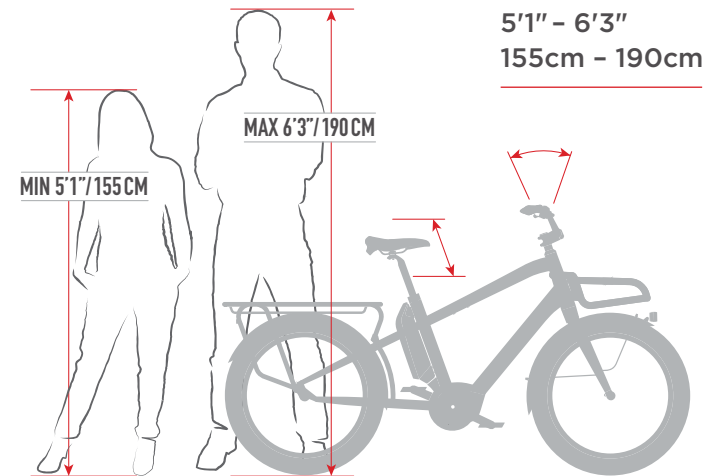
## THE PERFECT BLEND



**etility**  
DESIGN®

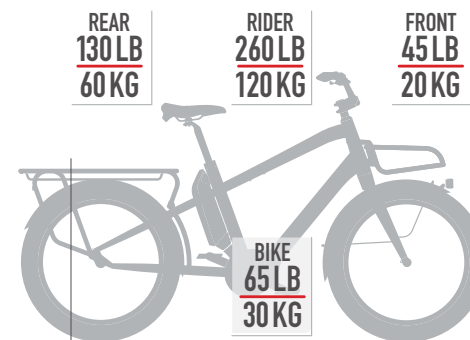
## BOOST INFO

### FITS WIDE RANGE OF RIDERS



### LOAD AND PASSENGERS

**Max Gross Weight: 440lb/200kg (Rider + Cargo + Bike)**



REAR PASSENGER OPTIONS:



MAX 130lb / 60kg

*Be aware, when added together, the individual load ratings shown for the rider and cargo plus the actual weight of the bike will exceed max gross weight. Therefore, while you may maximize selected individual load ratings, the sum of all loads cannot exceed the max gross weight (rider + cargo + bike ≤ 440lb/200kg).*

*Correct passenger accessories must be installed properly in order to carry passengers. (See pages 10-13 "Boost Setups")*

# BOOST SETUPS

- Passenger Requirements
- Recommended Accessories
- Cargo Options
- \*Third Party Product

## COMMUTER SETUP



### ACCESSORIES REQUIRED

- 2x Utility Pannier Bag
- 1x Sport Front Tray
- 1x Dual Kickstand



## DOG SETUP



### ACCESSORIES REQUIRED

- 1x XXL Trunk Bag
- 1x High Rail PLUS
- 1x Rail Clamp PLUS Set
- 1x Utility Front Tray
- 1x Utility Front Tray Bag
- 1x Dual Kickstand

**WARNING:** Ensure pets are securely fastened. Never leave your pet unattended.

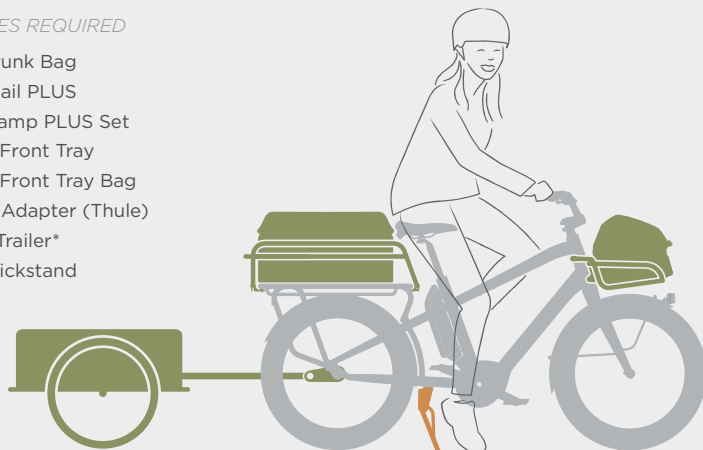


## CARGO SETUP



### ACCESSORIES REQUIRED

- 1x XXL Trunk Bag
- 1x High Rail PLUS
- 1x Rail Clamp PLUS Set
- 1x Utility Front Tray
- 1x Utility Front Tray Bag
- 1x Trailer Adapter (Thule)
- 1x Thule Trailer\*
- 1x Dual Kickstand



## FAMILY SETUP A



### ACCESSORIES REQUIRED

- 1x Dual Kickstand
- 1x Thule Yepp Maxi Seat\*
- 2x Ortlieb Bag\*
- 1x Utility Front Tray
- 1x Utility Front Tray Bag
- 1x High Rail PLUS
- 1x Rail Clamp PLUS Set
- 2x Rail Pad



● Passenger Requirements

● Recommended Accessories

● Cargo Options

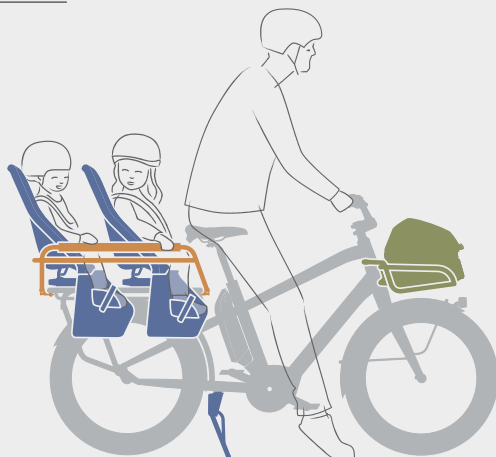
*\*Third Party Product*

## FAMILY SETUP B



### ACCESSORIES REQUIRED

- 2x Thule Yepp Maxi Seat\*
- 1x Dual Kickstand
- 1x Utility Front Tray
- 1x Utility Front Tray Bag
- 1x Rail Clamp PLUS Set
- 1x High Rail PLUS
- 2x Rail Pad



## FAMILY SETUP C



### ACCESSORIES REQUIRED

- 1x Thule Yepp Maxi Seat\*
- 1x High Rail PLUS
- 1x Rail Clamp PLUS Set
- 2x Rail Pad
- 1x Rack Pad
- 1x Wheel Guard Set
- 1x Sideloader Set
- 1x Dual Kickstand
- 1x City Front Basket

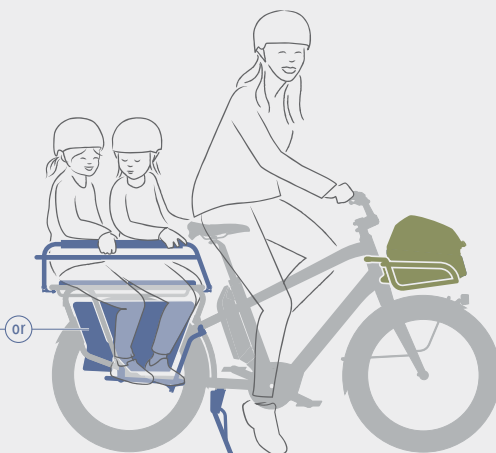


## FAMILY SETUP D



### ACCESSORIES REQUIRED

- 1x High Rail PLUS
- 1x Rail Clamp PLUS Set
- 2x Rail Pad
- 2x Rack Pad
- 1x Wheel Guard Set OR 2x Utility Pannier Bag
- 1x Sideloader Set
- 1x Dual Kickstand
- 1x Utility Front Tray
- 1x Utility Front Tray Bag

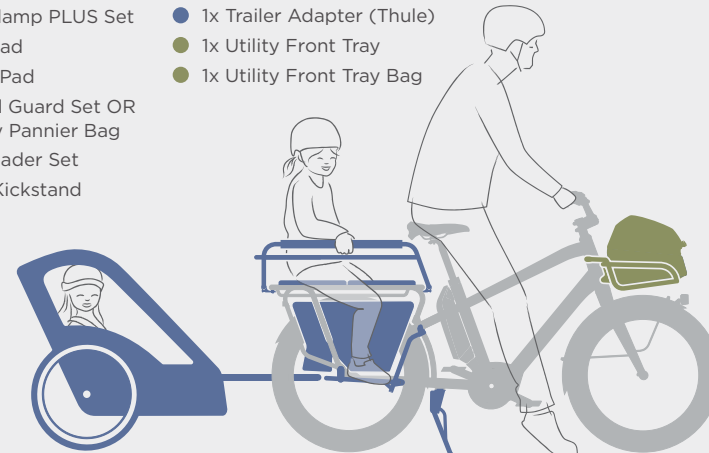


## FAMILY SETUP E



### ACCESSORIES REQUIRED

- 1x High Rail PLUS
- 1x Rail Clamp PLUS Set
- 2x Rail Pad
- 2x Rack Pad
- 1x Wheel Guard Set OR 2x Utility Pannier Bag
- 1x Sideloader Set
- 1x Dual Kickstand
- 1x Thule Trailer\*
- 1x Trailer Adapter (Thule)
- 1x Utility Front Tray
- 1x Utility Front Tray Bag



## BOOST ACCESSORIES

Max load 130lbs/60kg



**Utility Rear Rack #1 PLUS** (Boost)

18cm x 66cm (W x L)  
A2016 · Black

Max deck load 130lbs/60kg  
Max side load 35lbs/15kg each side  
Combine rack load (deck+sides)  
not to exceed 130lbs/60kg



**Utility Rear Rack #3 PLUS** with large Sideloaders (Boost)

18cm x 66cm (W x L)  
A2017 · Black

Max side load  
35lbs/15kg each side



**Boost Sideloaders Set** (Boost)

A2004 · Black



**Rail Pad (1)** (Boost, 46er)

A8011 · Black



**Rack Pad (Half-Size)** (Boost, 46er)

18cm x 30cm (W x L)  
A8012 · Black



**High Rail PLUS** (Boost EVO 4,5)

55cm x 72cm x 20cm (W x L x H)  
A0003 · Black



**Half Rail PLUS** (Boost EVO 4,5)

50cm x 72cm x 20cm (W x L x H)  
A0005 · Black



**Platform Rail PLUS** (Boost EVO 4,5)

55cm x 72cm (W x L)  
A0004 · Black



**Passenger Back Rest** (Boost, 46er)

Fits Benno Passenger Rails  
A2024 · Black

Max load 45lbs/20kg



**Utility Front Tray**

(Boost, 46er, eJoy, RemiDemi)  
46cm x 32cm x 14cm (W x L x H)  
A6011 · Black

Max load 45lbs/20kg



**Utility Front Tray**

(Boost, 46er, eJoy, RemiDemi)  
46cm x 32cm x 14cm (W x L x H)  
A6012 · Red

Max load 35lbs/15kg



**Sport Front Tray**

(Boost, 46er, eJoy, RemiDemi)  
31cm x 30cm x 8cm (W x L x H)  
A2002 · Black  
A2005 · Red

Max load: 35lbs/15kg



**City Front Basket**

(Boost, 46er, eJoy, RemiDemi)  
41cm x 39cm x 17cm (W x L x H)  
A1001 · Black

## BOOST ACCESSORIES

Volume: 30 liters (each)



**Utility Pannier Bag (1)**  
(Boost, 46er)

17-25cm x 55 x 42cm (W x L x H)  
A6014 · Black

Volume: 20 liters (each)



**City Pannier Bag (1)**  
(Boost, 46er, eJoy, RemiDemi)

10-15cm x 46 x 42cm (W x L x H)  
A9001 · Black

Volume: 170 liters



**XXL Trunk Bag**  
(Boost, 46er)

50cm x 59cm x 66cm (W x L x H)  
A9002 · Black

*Can be used with  
all High Rails and  
Platform Rails*

Volume: 40 liters



**Utility Front Tray Bag**  
(Boost, 46er, eJoy, RemiDemi)

29cm x 41cm x 53cm (W x L x H)  
A6015 · Black



**Boost Dual Kickstand**

A0010 (Boost EVO 3-5)

**XL Side Kickstand** (Boost, 46er, eJoy, RemiDemi)

S0047 · Black

*For Thule and other compatible  
trailers with axle mount hitch*



**Trailer Adapter Thru-Axle Mount**  
(Boost EVO 5, 46er)

A2009 · Black



**Leather Mudflaps** (Boost, 46er, eJoy, RemiDemi)

A0008 · Black  
A0009 · Brown

**Boost Tank Plate**  
(Boost EVO 4, 5)

A0012 · Black

*Universal Mounting Clamps  
Fit all 19mm Ø Benno Racks,  
Rails, and Trays*



**P-Clamp Set**

A0014 · Black



**Rail Clamp Set**  
(Boost EVO 1-3)

A8010 · Black



**Rail Clamp PLUS Set**  
(Boost EVO 4, 5, 46er)

A0006 · Black



**Boost Quick Release Seat Clamp**  
(Boost EVO 4, 5, 46er)

A1002 · Black



**Dual Sport Tire**

P6001 · 24" x 2.6"  
(Boost, 46er Rear)



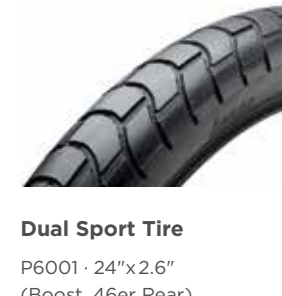
**Knobby Dirt Tire**

P9004 · 24" x 2.5"  
(Boost, 46er Rear)



**Studded Snow Tire**

P9005 · 24" x 2.5"  
(Boost, 46er Rear)



**Boost Poly Wheel Guard Set**  
(Boost)

A2021 · Black

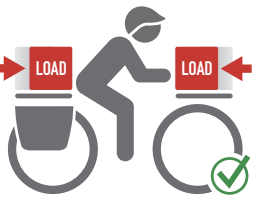
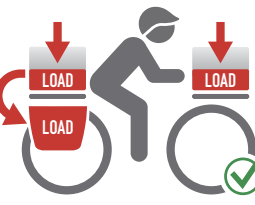
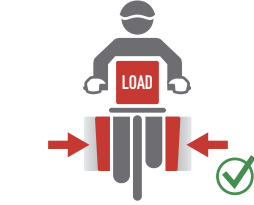


## READ BEFORE RIDING WITH PASSENGERS

 <p><b>ADULT RIDER 18+</b></p> <p>E-Bike <b>MUST</b> be operated by an ADULT when carrying passengers.</p>	 <p><b>PASSENGER SPEED LIMIT</b></p> <p>Do NOT exceed 16 mph/25 kmh when riding with passengers.</p>	 <p><b>CHILD SEAT REQUIRED</b></p> <p>Children under 40lb/18kg <b>MUST</b> be secured properly in a child seat.</p>
 <p><b>INSTALL PASSENGER PARTS</b></p> <p>Passenger accessories <b>MUST</b> be installed before carrying passengers.</p>	 <p><b>WEAR HELMET &amp; SHOES</b></p> <p>Passengers <b>MUST</b> wear a bicycle helmet and enclosed shoes.</p>	 <p><b>HOLD HANDLEBAR FIRMLY</b></p> <p>Keep BOTH hands on handlebars while carrying load or passengers.</p>

 <p><b>WARNING!</b></p>	 <p><b>WHEN CARRYING PASSENGERS REAR WHEEL MUST BE COVERED! INSTALL BENNO WHEEL GUARDS OR UTILITY PANNIER BAGS. FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY.</b></p>		
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## READ BEFORE RIDING WITH LOAD

 <p><b>MOVE LOAD TO CENTER</b></p> <p>Move load/weight toward the center of the bike.</p>	 <p><b>MOVE LOAD DOWN</b></p> <p>Move load/weight down toward the ground. Use pannier bags.</p>	 <p><b>CENTER/BALANCE LOAD</b></p> <p>Center load/weight. Distribute equal weight on each side.</p>
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## IMPORTANT OPERATING INSTRUCTIONS! READ BEFORE RIDING

**WARNING! FAILURE TO COMPLY WITH THE MANUFACTURER'S INSTRUCTIONS CAN LEAD TO SERIOUS INJURY OR DEATH.**

Read instructions below and the owner's manual before riding. If you don't have a Benno Owner's Manual, go to [www.bennobikes.com/support-main/om](http://www.bennobikes.com/support-main/om) to view and download the correct manual for your Benno Bike.

- This e-bike is not intended to be operated by children and/or minors.
- Ride within your limits relating to ability, terrain, weather, load and passengers.
- Always wear a certified bicycle helmet when riding.
- Always use front and rear lights when riding, particularly at dusk, dawn, and night.
- Never ride while impaired by alcohol or drugs or in any other compromised state.
- Adding load or passengers increases riding difficulty and e-bike stopping distance.
- Secure load firmly. Ensure that no parts of the load, body or clothing come near moving parts on the e-bike, such as chain, spokes, tires or brakes.
- Do not exceed individual load ratings and max gross weight as indicated on e-bike.
- Hold firmly onto the handlebars while riding with load or passengers.
- Check and maintain brakes to ensure they are in good working order.
- Ensure front and rear quick release axle levers are installed properly and secure.
- Maintain proper tire pressure as indicated on the tire sidewall.
- Use extra caution and reduced speed when riding on wet, icy or loose surfaces. E-Bike may lose traction easier especially during cornering or braking. Use appropriate tires for different conditions/terrain.
- Always obey all rules of the road and all local traffic laws.

### When riding with passengers:

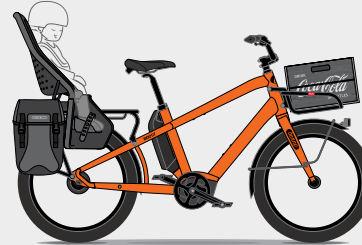
- E-Bike must be rated to carry passengers. (See page 9 "Load and Passengers")
- E-Bike must be operated by an adult (18+) with good bicycling riding and handling skills when carrying passengers.
- Ride at a speed appropriate to the condition and your riding ability. Do not exceed 16mph/25kmh when riding with passengers. Higher speed means higher risk of losing control.
- Correct passenger accessories (including wheel guards) must be installed properly by a retail bicycle shop professional bike mechanic. (See pages 10-13 "Boost Setups")
- Passengers must be able to hold themselves securely and safely on the e-bike.
- Children under 40lb/18kg must be secured properly in a compatible and correctly installed child seat.
- Passengers must wear a certified bicycle helmet and fully enclosed shoes.
- Always keep both hands on the handlebars to stabilize the e-bike while riding with passengers.
- Never leave your child/passenger unattended and always keep a firm hand on the e-bike when your child/passenger is on it. Do not rely on kickstand to keep the bike from falling over.

Local and state e-bike laws vary by jurisdiction so know the regulations governing e-bike use where you plan to ride.

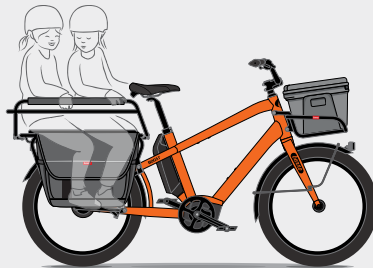
## MANY BIKES IN ONE



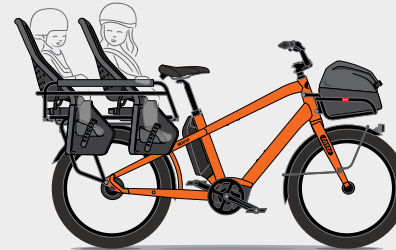
*Large panniers and a front tray make the perfect everyday bike.*



*Fit pannier bags behind a child seat on the rear rack.*



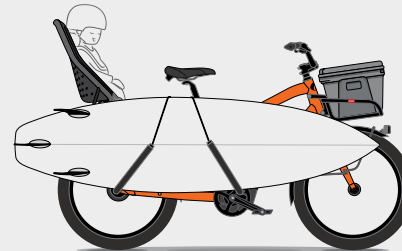
*Two kids fit comfortably on the rear rack using passenger rails and accessories*



*Double down with two small kids in child seats.*



*Haul unique, heavy and oversized loads with ease.*



*Works great with seatpost mounted surfboard racks.*



*Load up with dual batteries and enough gear to tour the world or just explore your neighborhood.*

**etility**  
DESIGN®

[BENNOBIKES.COM](http://BENNOBIKES.COM)