NOT ALL WHEELS ARE CREATED EQUAL.

The 46er is the same length as a regular bike. And that’s where all similarities end. We ditched convention and added capability. Enough to make any cargo bike sweat. And gave it a sporty ride and front suspension. This unequaled combination of ride and capability starts with unequal wheels. 26” in the front for extra comfort and control, and 24” in the back for strength and a lower center of gravity. All powered by the Bosch CX / Speed and a 500Wh intube battery. Born of true Etility® Design, the 46er is reshaping the future of the eBike. For Benno Bikes and the industry.
1000Wh DualBattery Option
500Wh integrated battery plus 500Wh battery pack option on seat tube

Compatible with all Benno Front Trays (sold separately)

Front Suspension Fork
Suntour eBike rated
75mm travel

Multifunction Utility Rack
fits single child seat or passenger, rails, pads, sideloaders, large panniers and wheel guards (max load 130lbs/60kg)

Benno Dual Kickstand Compatible

24" Rear Wheel for strength and lower center of gravity

Shimano Deore 10-speed drivetrain

26" Front Wheel for extra roll, comfort and control

Thru Axles front and rear

Magura Hydraulic Disc Brakes
4 piston front / 2 piston rear

Same Length as a Regular Bike
1860mm long
## PERFORMANCE CX

<table>
<thead>
<tr>
<th>Torque/Power</th>
<th>85Nm/250W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Support Level</td>
<td>340%</td>
</tr>
<tr>
<td>Max Speed</td>
<td>20mph USA</td>
</tr>
<tr>
<td></td>
<td>32km/h CAN/NZ</td>
</tr>
<tr>
<td></td>
<td>25km/h EU/AUS</td>
</tr>
</tbody>
</table>

**Battery**

- 500Wh/1000Wh DualBattery

**Estimated Range**

- Single Battery: 30-80mi (50-130km)
- Dual Battery: 60-160mi (100-260km)

---

## PERFORMANCE SPEED

<table>
<thead>
<tr>
<th>Torque/Power</th>
<th>85Nm/250W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Support Level</td>
<td>340%</td>
</tr>
<tr>
<td>Max Speed</td>
<td>28mph USA</td>
</tr>
<tr>
<td></td>
<td>45km/h NZ</td>
</tr>
</tbody>
</table>

**Battery**

- 500Wh/1000Wh DualBattery

**Estimated Range**

- Single Battery: 25-75mi (40-120km)
- Dual Battery: 50-150mi (80-240km)
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.

### THE ETILITY BIKE

<table>
<thead>
<tr>
<th>RIDE</th>
<th>LOOKS</th>
<th>CARGO</th>
</tr>
</thead>
<tbody>
<tr>
<td>A great ride is the most essential ingredient. Because a bike that’s more agile, stable and maneuverable is ultimately more enjoyable.</td>
<td>Design that looks good is also about making sure you look and feel great riding a Benno—with and without cargo.</td>
<td>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.</td>
</tr>
</tbody>
</table>

### THE PERFECT BLEND

![Etility Design Logo]

### 46ER INFO

**FITS WIDE RANGE OF RIDERS**

- **5’1” - 6’3”**
- **155cm - 190cm**

**LOAD AND PASSENGERS**

Max Gross Weight: **420lb/190kg** (Rider + Cargo + Bike)

- **Rear**: 130lb / 60kg
- **Rider**: 260lb / 120kg
- **Front**: 20lb / 10kg

**BIKE**

- **65lb / 30kg**
- **Front**: 20lb / 10kg
- **Rear**: 130lb / 60kg

**MAX 6’3” / 190CM**

**MIN 5’1” / 155CM**

**6’3” - 6’3”**

**190cm - 190cm**

**5’1” - 6’3”**

**155cm - 190cm**

**MAX 6’3” / 190CM**

**MIN 5’1” / 155CM**

**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 ≤ 420lb/190kg).

Correct passenger accessories must be installed properly in order to carry passengers. (See pages 10-12 “46er Setups”)

---

**THE PERFECT BLEND**

![Etility Design Logo]
46ER SETUPS

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

COMMTURE SETUP

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

CARGO SETUP

ACCESSORIES REQUIRED
- 1x XXL Trunk Bag
- 1x High Rail
- 1x Rail Clamp PLUS Set
- 1x Utility Front Tray
- 1x Utility Front Tray Bag
- 1x Thule Trailer*
- 1x Dual Kickstand

DOG SETUP

ACCESSORIES REQUIRED
- 1x XXL Trunk Bag
- 1x High Rail
- 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.

FAMILY SETUP A

ACCESSORIES REQUIRED
- 1x Dual Kickstand
- 1x Thule Yepp Maxi Seat*
- 2x Ortlieb Bag*
- 1x City Front Basket
- 1x High Rail
- 1x Rail Clamp PLUS Set
- 2x Rail Pad

10

11
**Passenger Requirements**

**Recommended Accessories**

*Third Party Product*

---

**FAMILY SETUP B**

**ACCESSORIES REQUIRED**

- 1x High Rail
- 1x Rail Clamp PLUS Set
- 2x Rail Pad
- 2x Rack Pad
- 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 D**

**ACCESSORIES REQUIRED**

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

---

- 1x Trailer Adapter (Thule)
- 1x Utility Front Tray
- 1x Utility Front Tray Bag
46er Accessories

**High Rail** (Boost EVO 1-3, 46er)
55cm x 68cm x 20cm (W x L x H)
A8007 - Black

**Half Rail** (Boost EVO 1-3, 46er)
50cm x 68cm x 20cm (W x L x H)
A8009 - Black

**Platform Rail** (Boost EVO 1-3, 46er)
55cm x 68cm (W x L)
A8008 - Black

**Utility Front Tray**
(Boost, 46er, eJoy, RemiDemi)
46cm x 32cm x 14cm (W x L x H)
A6011 - Black

**Utility Front Tray**
(Boost, 46er, eJoy, RemiDemi)
46cm x 32cm x 14cm (W x L x H)
A6012 - Red

**Sport Front Tray**
(Boost, 46er, eJoy, RemiDemi)
31cm x 30cm x 8cm (W x L x H)
A2002 - Black
A2005 - Red

**City Front Basket**
(Boost, 46er, eJoy, RemiDemi)
41cm x 39cm x 17cm (W x L x H)
A1001 - Black

**Max side load**: 35lbs/15kg each side

**Max load**: 45lbs/20kg

**Max load**: 35lbs/15kg

**46er Sideloader Set** (46er)
A2003 - Black

**Rack Pad (Half-Size)**
(Boost, 46er)
18cm x 30cm (W x L)
A8012 - Black

**Passenger Back Rest**
(Boost, 46er)
Fits Benno Passenger Rails
A2024 - Black

**Rail Pad (1)**
(Boost, 46er)
A8011 - Black

**46er Poly Wheel Guard Set**
(46er)
A2006 - Black

**Leather Mudflaps**
(Boost, 46er, eJoy, RemiDemi)
A0008 - Black
A0009 - Brown

**46er Dual Kickstand**
(46er)
A2012 - Black

**46er Sideloader Set** (46er)
A2003 - Black

**Rack Pad (Half-Size)**
(Boost, 46er)
A8012 - Black

**XL Side Kickstand**
(Boost, 46er, eJoy, RemiDemi)
S0047 - Black

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

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

**Platform Rail**
(Boost EVO 1-3, 46er)
55cm x 68cm (W x L)
A8008 - Black

**Max load**: 35lbs/15kg each side

**Max side load**: 35lbs/15kg each side

**Max load**: 45lbs/20kg

**Max load**: 45lbs/20kg

**Max load**: 35lbs/15kg

**Max load**: 35lbs/15kg

**Max side load**: 35lbs/15kg each side

**Max side load**: 35lbs/15kg each side

**Max load**: 45lbs/20kg

**Max load**: 45lbs/20kg

**Max load**: 35lbs/15kg

**Max load**: 35lbs/15kg
46ER ACCESSORIES

Utility Pannier Bag (1)
(Boost, 46er)
17-25cm x 55 x 42cm (W x L x H)
A6014 · Black

Volume: 170 liters

City Pannier Bag (1)
(Boost, 46er, eJoy, RemiDemi)
10-15cm x 46 x 42cm (W x L x H)
A9001 · Black

Volume: 20 liters (each)

Volume: 30 liters (each)

XXL Trunk Bag
(Boost, 46er)
50cm x 59cm x 66cm (W x L x H)
A9002 · Black

Utility Front Tray Bag
(Boost, 46er, eJoy, RemiDemi)
29cm x 41cm x 53cm (W x L x H)
A6015 · Black

Volume: 40 liters

Can be used with all High Rails and Platform Rails

Dual Sport Tire
P6001 · 24” x 2.6” (Rear)
P6000 · 26” x 2.35” (Front)

Knobby Dirt Tire
P9004 · 24” x 2.5” (Rear)
P9010 · 26” x 2.35” (Front)

Studded Snow Tire
P9005 · 24” x 2.5” (Rear)
P9008 · 26” x 2.35” (Front)

Volume: 170 liters

Can be used with all High Rails and Platform Rails

Dual Sport Tire
P6001 · 24” x 2.6” (Rear)
P6000 · 26” x 2.35” (Front)

Knobby Dirt Tire
P9004 · 24” x 2.5” (Rear)
P9010 · 26” x 2.35” (Front)

Studded Snow Tire
P9005 · 24” x 2.5” (Rear)
P9008 · 26” x 2.35” (Front)
**READ BEFORE RIDING WITH PASSENGERS**

- **ADULT RIDER 18+**
  - E-Bike MUST be operated by an ADULT when carrying passengers.

- **16 MPH 25 KMH**
  - Do NOT exceed 16 mph / 25 kmh when riding with passengers.

- **CHILD SEAT REQUIRED**
  - Children under 40lb / 18kg MUST be secured properly in a child seat.

- **INSTALL PASSENGER PARTS**
  - Passenger accessories MUST be installed before carrying passengers.

- **WEAR HELMET & SHOES**
  - Passengers MUST wear a bicycle helmet and enclosed shoes.

- **HOLD HANDLEBAR FIRMLY**
  - Keep BOTH hands on handlebars while carrying load or passengers.

**WARNING! 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.**

**READ BEFORE RIDING WITH LOAD**

- **MOVE LOAD TO CENTER**
  - Move load/weight toward the center of the bike.

- **MOVE LOAD DOWN**
  - Move load/weight down toward the ground. Use pannier bags.

- **CENTER/BALANCE LOAD**
  - Center load/weight. Distribute equal weight on each side.

**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 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 10-12 “46er 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.
Load up with dual batteries and enough gear to tour the world or just explore your neighborhood.

Fit an older kid on the back with plenty of room left for extra cargo.

Take your furry friend in the high volume XXL Trunk Bag.

Transport a small kid in a child seat and still fit pannier bags on the rear rack.

Carry a kid comfortably on the rear rack.

Works great with seatpost mounted surfboard racks.

Many Bikes in One

BennoBikes.com