

Invacare Top End[®] Excelerator[™] XLT Gold Handcycle

Price List and Order Form

Effective July 1, 2003 Revised January 1, 2008



For accuracy of ordering, please fax order to Top End at 727-522-1007

For questions call: 800-532-8677 or 727-522-8677

To order Literature: 800-828-6282

www.topendwheelchair.com

Provider Name _____ Date _____ Top End Job Number _____
 Account # _____ P.O. # _____ Phone # _____ Fax # _____
 Address _____ City _____ State _____ Zip Code _____
 Customer Name _____ Phone No _____
 Address _____ City _____ State _____ Zip Code _____

Ship order to: Provider Customer Order will ship to Provider unless otherwise noted.

CHAIR TYPE

- XLTGO Top End Excelerator XLT Gold Handcycle..... \$3,795.00
- XLT26 Fixed Seat Frame (exact specifications required).... 500.00

Includes:

- Travel-ready aluminum frame/chrome-moly fork
- Top End S w/integral pedal bearings
- Ovalized ergonomic handpedals
- Adjustable back angle
- Adjustable crank height
- 27 speed/ 48-40-28 chainrings/11-32 cassette
- Rapid fire hands-on shifters/braking system
- Performance wheels/QR or threaded axles
- 9° camber /18" wide axle tube
- Steering dampener
- Reflectors
- Chain guard
- Parking brake
- Chest strap
- Multi-adjustable leg rests with safety straps

1. Seat Width: 14" 15" 16" 17" 18"
2. Back Style: (choose one)
 - Low: 12" high
 - High: 16-20" high (adjustable) Set at ____" (factory set at 18")
3. Propulsion and Braking System: (see page 2 for ordering specifications)
 - 11-32 cassette – operated by hands-on Rapid Fire shifter/brake located on right handpedal.
 - 48-40-28 chainring – operated by manual derailleur systems.
 - Second brake / parking brake mounted on frame.
 - XLT41 Chaining Option 53 – 40..... 100.00
4. Top End Cranks: (see page 2 for ordering specifications)
 - S Crank (choose length and width)
 - Length: 200mm 220 mm
 - Width: 24" 26"
5. Performance Wheels (choose one)
 - 26" High performance wheels/hi pressure clincher tires
 - 24" Off road wheels/knobby clincher tires
 - 24" Cruiser wheel/cruiser clincher tires
 - XCL22 Thorn resistant tire protector..... 50.00
6. Axles (choose one)
 - Quick Release
 - 1/2" Threaded

FRAME COLOR AND UPHOLSTERY

UPHOLSTERY Black (standard) UPH1 Camouflage ...100.00

CONTEMPORARY COLORS

- Wet Black Black Prism White Snow
- Silver Metallic Silver Vein Copper Penny

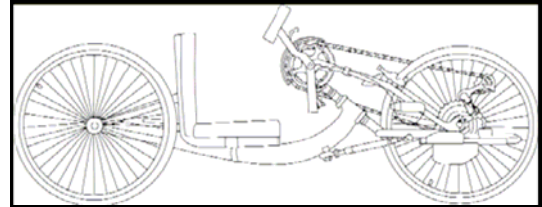
WAY COOL COLORS

- Electric Blue Midnight Blue Cosmic Blue
- Electric Teal Emerald Green Grasshopper Green

TOO HOT COLORS

- Tangerine Red Electric Red Grape Madness
- Safety Yellow Sunkissed Orange Fruit Fusion

Top End Excelerator XLT Gold Handcycle



250 lb. Weight Limit

AERODYNAMIC WHEEL UPGRADE (see page 2)

(std. wheels not included) Threaded axles only

- XLT 3 Tri spoke 26" carbon fiber
 - Clincher Tubular..... 2,250.00
- XLT23 Corima[®] 4 spoke 26" carbon fiber
 - Tubular 3,500.00
- XLT43 Spinerger[®] 26" carbon rim w/white spokes..... 1,850.00
- XLT45 Zipp 404 26" Carbon rim/steel ovalized spokes
 - Clincher Tubular..... 3,000.00

Titanium Options

- XLT36 Titanium fork and crank/bottom bracket housing w/adjustable height..... 1,000.00
- XLT44 Titanium fork and crank/bottom bracket housing w/fixed height (specifications needed)..... 1,250.00¹

SAFETY & COMFORT OPTIONS

- XLT12 Mirror..... 30.00
- XLT13 Water bottle and cage 35.00
- XLT28 Backpack hydration system..... 100.00
- XLT14 Cordless computer 125.00
- XLT141 Heart Rate Monitor..... 100.00
- XLT15 Helmet..... 75.00
 - Small (6-5/8" – 7")
 - Medium (6-7/8" – 7-1/2")
 - Large (7-1/4" – 7-5/8")
- XLT16 Safety flag..... 30.00
- XLT6 Front safety light..... 25.00
- XLT7 Rear flashing light..... 25.00
- XLT17 Crutch holder and strap..... 125.00
- XLT18 Seat cushion 75.00
- XLT19 Tow bar for wheelchair..... 250.00
- XLT20 Bike rack for trailer high 450.00
 - 1-1/4" (std) 2"
- XLT33 Alignment gauge 75.00
- XLT39 Drafting bumper..... 150.00
- XLT40 Cable kit 35.00
- XLT42 Indoor training roller 250.00
- TER100 Click straps 100.00
- Race22 Top End T-shirt L XL 10.00²

Special Instructions: _____

FOOTNOTES

- ¹ For height below 22" all shifting must be manual. No upper derailleur available.
- ² Dealer discount does not apply.

Top End® Exceleator™ XLT Gold Handcycle Specifications

Frame – Ovalized 6061 aluminum aircraft tubing.

Travel – Ready Removable Fork/Camber Tube – allows for quick assembly/disassembly for travel.

Frame Design – Single main tube w/welded seat, recumbent style, and adjustable back angle.

Fork Assembly – 4130 Chrome-moly for strength/stiffness.

Wheelbase – Overall length 80".

Weight – Overall weight 27 – 32 lb.

Turning Radius – 18 feet for 360° circle, 12 feet w/one backing maneuver.

Static Tip Angle – 39° for 250 lb subject.

Transfer Seat Height – 9".

Seat – Adjustable forwards/backwards.

Back Style – **Low** is recommended for low level injuries LI and below who want to use their body in the trunk powered position. There is significant body movement in this position. **High** back is recommended for high level injuries T-12 and above who have balance issues. Selection may vary depending on fitness levels.

Back Angle – Adjustable angel back of 50° - 90°.

Shifting/Braking and Parking Brake Systems: - Good hand function is needed.

Propulsion System – Features a combination of Shimano and Top End components, 27 speeds, 48-40-28 chain rings and 11/32 cassette. The 11/32 cassette is operated by the Hands-On Rapid Fire unit which is mounted on the right handpedal. It operates both the 11/32 cassette and the hands-on brake. The manual derailleur operates the top chainrings utilizing a manual system which eliminates cables and their maintenance. A parking brake/second brake is mounted on the left side of frame.

Crankset – Top End S crankset with integral pedal bearings are standard. To choose the width of the crank, consider the end user's shoulder width and leg clearance. For most women a width of 24" is recommended and for men 26". The width is measured horizontally center to center to the point at the middle of the handpedal. Length of crankset depends on the length of the arms and amount of body movement. 200mm is the most common and recommended length. The length is measured perpendicular from the center of the crank to the center of the handpedal spindle.

Crank – Adjustable height.

Steering – Pivot steering and raked fork for controlled turning and stability.

Handpedals – Handpedals are made of lightweight aluminum and are ovalized to precisely fit the hand. The bearings which allow the pedal to rotate while pedaling are located in the crankset and not in the pedal, which makes this pedal very comfortable.

Footrest – Multi-adjustable fore and aft w/straps to securely cradle calves and feet. Straps are 4" wide and feature safety straps for ankles.

Performance Wheels – Rear hubs are precision heat treated, black, anodized w/quick release stainless axles or optional ½" threaded axles. Quick release axles are easiest for transporting the handcycle, but the threaded axles will offer more performance. Threaded axles screw into the receiver w/allen wrench. 14 gauge stainless steel spokes. There are 3 standard wheel options:
26" High Performance Wheels, Sun Metal Rims
26" x 1" High Performance Clincher Tire/Tube 100 psi
24" Off Road wheels, Sun Metal AT-18 Alloy 24 x 1.5 Rims
24" x 1.75" Heavy Threaded Tire, 24 x 1.5 Tube 40 – 65 psi
24" Cruiser wheels, Sun Metal AT-18 Alloy 24 x 1.5 Rims
24" x 1.75" Threaded Tire, 24 x 1.5 Tube 40- 65 psi

Aerodynamic Wheel Upgrades

1. 26" (571) Tri Spoke Carbon Fiber Wheels are available w/tubular tires or clincher. Rims are aluminum. Wheels not legal for use in IPC sanctioned road races.
2. Corima® 4 spoke wheel 26" (571). Rims are Carbon Fiber. Cannot continue ride if flat tire occurs with this wheel. Available with tubular or clincher tires. Wheels not legal for use in IPC sanctioned road races.
3. 26" Spinergy Titanium Wheels w/carbon and aluminum rims and white spokes. Clincher tires only.
4. 26" Zipp 404 Wheels w/carbon/graphite composite rim and stainless ovalized spokes.

Camber - 9° for stability.

Axles – Choose quick release or ½" threaded. Quick releases are great for transporting the handcycle. The ½" threaded are recommended for competitive use and secure the wheel tightly to the axle tube. An allen wrench is included with the ½" axle choice.

Upholstery – Nylon w/hook and loop adjustable tension seat sling and seat back. Seat restraint included.

Recommended Options – Helmet, Cushion, and Water Bottle and Cage (as this is custom to fit on this bike).

Warranty – 3 year on frame and fork to original owner / limited parts warranty.

Assembly – Shipped completely assembled except for rear wheels. Shipping weight is 65 - 70 lbs.

Options – See front of form or call for details and photos.

Invacare Corporation www.invacare.com

TOP END
Sports and Recreation
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