

Invacare® Top End® Exceleator™ XLT PRO Handcycle



Price List and Order Form

Effective January 1, 2006

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

For questions call 1800-532-8677 or 727-522-8677.

To order Literature: 800-828-6282

www.invacare.com

Yes, you can.™

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:

XLT PRO Invacare Top End Exceleator XLT Pro Handcycle\$3,495.00 _____
 XLT31 Travel-ready (removable fork and camber tube)500.00 _____
 XLT26 Fixed Seat Frame (exact specifications required)500.00 _____

Includes:

- Aluminum frame/chrome-moly fork
- Adjustable seat & back angle
- Adjustable crank height
- Top End V crankset w/integral pedal bearings
- Ovalized ergonomic hand pedals
- 27 Speeds/48-40-28 chainrings/11-32 cassette
- Rapid fire Hands-on shifter / braking system
- Performance wheels/QR or threaded axles
- 15° Camber
- Road crown compensator
- Reflectors, Chain guard, Chest strap
- Multi-adjustable legrests w/safety straps
- Parking brake

1. **Seat width:** 14" 15" 16" 17" 18"

2. **Back style:** Narrow (seat width minus 7")
 XLT21 Wide (same as seat width)75.00 _____

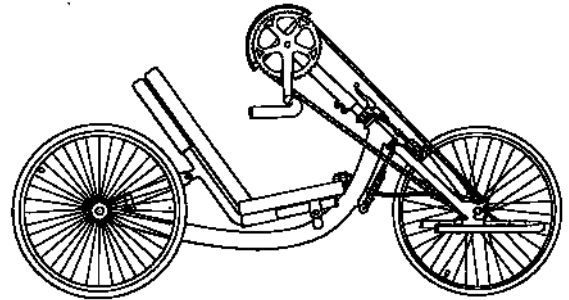
3. **Propulsion and Braking System:** (see page 2 for ordering specifications)
 • 11-32 cassette - operated by hands-on Rapid Fire shifter/brake located on right handpedal.
 • 48-40-28 chainring - operated by manual derailing system.
 • Second brake / parking brake mounted on frame.
 XLT41 Chainring Option 53-40-28100.00 _____

4. **Top End V crankset:** (choose length and width)
 Length 180 mm 200 mm 220 mm
 Width 22" 24"

5. **Performance wheels:** (choose one)
 26" Performance wheels/hi pressure clincher tires
 24" Off road wheels/knobby clincher tires
 24" Cruiser wheels/cruiser clincher tires
 XCL22 Thorn resistant tire protectors50.00 _____

6. **Axles:** (choose one)
 Quick release 1/2" Threaded

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weight limit - 250 lb.

Special instructions:

Safety & comfort options:

XLT12 Mirror30.00 _____
 XLT13 Water bottle & cage35.00 _____
 XLT14 Cordless computer125.00 _____
 XLT15 Helmet75.00 _____
 Small (6 5/8" - 7")
 Medium (6 7/8" - 7 1/2")
 Large (7 1/4" - 7 5/8")

XLT16 Safety flag30.00 _____
 XLT6 Front safety light25.00 _____
 XLT7 Rear flashing light25.00 _____
 XLT17 Crutch holder & strap125.00 _____
 XLT9 Leg guard attachment75.00 _____
 XLT18 Seat cushion75.00 _____
 XLT19 Tow bar for wheelchair250.00 _____
 XLT20 Bike rack for trailer hitch350.00 _____
 1 1/4" (Std.) 2"

XLT28 Backpack hydration system100.00 _____
 XLT33 Alignment gauge75.00 _____
 XLT39 Drafting bumper150.00 _____
 XLT40 Cable kit35.00 _____
 XLT42 Indoor training roller250.00 _____

Frame color:

CONTEMPORARY COLORS

Wet Black Black Prism Midnight Blue
 Silver Metallic Silver Vein

WAY COOL COLORS

Electric Blue Lolly Pop Blue Cosmic Blue
 Celestial Purple Vivid Violet Electric Teal
 Emerald Green Shamrock Green Grasshopper Green

TOO HOT COLORS

Tangerine Red Electric Red Grape Madness
 Sunny Yellow Sunkissed Orange
 Fruit Fusion Bubble Gum Pink

Aerodynamic wheel upgrade: (std. wheels not included, threaded axles only)

XLT43 Spinergy® 26" carbon rim w/white spokes1,850.00 _____
 XLT45 Zipp 404 26" carbon rim/steel ovalized spokes3,000.00 _____
 Clincher Tubular

XLT3 Tri spoke 26" carbon fiber (see page 2)2,250.00 _____
 Clincher Tubular

XLT23 Corima® 4 spoke 26" carbon fiber (see page 2)3,000.00 _____
 Clincher Tubular

Total _____

Invacare® Top End® Excelerator™ XLT PRO

Handcycle Specifications

Frame - 2.5" x .065 ovalized 6061 aluminum aircraft tubing.

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

Frame Design - Single main tube, recumbent style.

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

Wheelbase - Overall length 72"

Weight - Overall weight 27 - 32 lbs.

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

Static Tip Angle - 39° for 250 lb.. subject.

Transfer Seat Height - 10", 11" and 12" measurement at mid point

Seat - Adjustable transfer heights, forward/backwards.

Back Angle - Adjustable angle back 80° to 50° measured rearward. For reference 90° is perpendicular to the floor.

Back Style/Height - Standard narrow back is ideal for competitive cyclists. Seat width minus 7". Back Height is fixed at 18.5". Optional back is the same width as seat/back height 11" - 14" adjustable.

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

Crank - Adjustable angle and height.

Steering - Pivot steering w/raked fork for controlled turning and stability. Road crown compensator is standard.

Shifting/Braking and Parking Brake Systems: - Good hand function is needed. Shimano® components. 27 speeds.

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 chain rings utilizing a manual system which eliminates cables and their maintainance. A parking brake/second brake is mounted on the left side of the frame.

Top End V Crankset/Handpedals - Top End V Crankset with integral pedal bearings is available in a choice of 180mm, 200mm, or 220 mm lengths. The crankset width is available in 22" or 24" and is measured center to center to the point at the middle of the handpedal. Chaining size is 48-40-28. The handpedals on the V crankset 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. The most common crank length is 200mm which depends on arm length and amount of trunk movement. The more trunk movement, the longer the cranks. Crank width is based on the shoulder width and amount of room needed for leg clearance. The most common width is 24".

Footrest - Multi-adjustable fore and aft w/straps to securely cradle calves and feet. Leg guard attachments are recommended for persons who have no leg movement. The leg guard will protect the legs from getting into the chain.

Performance Wheels - Rear hubs are precision heat treated, anodized w/quick release stainless axles or optional 1/2" 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 100psi

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 Upgrade

1. 26" (571) Trispoke Carbon Fiber Wheels are available w/tubular tires or clincher. Rims are aluminum. Not legal for use in IPC sanctioned road race events.

2. Corima® 4 Spoke wheels 26" (571). Rims are Carbon Fiber.

Cannot continue ride if flat tire occurs with this wheel.

Available with tubular or clincher tires. Not legal for use in IPC sanctioned road race events.

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 - 15° for stability.

Axles - Choose quick release or 1/2" threaded. Quick release are great for transporting the handcycle. The 1/2" threaded are recommended for competitive use and secure the wheel tightly to the axle tube. An allen wrench is included with the 1/2" axle choice.

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 photo!

Invacare Corporation

www.invacare.com



Yes, you can.™

INVACARE TOP END

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