

Top End® Excelerator™ Handcycle

Price List and Order Form

Effective January 1, 2006 Revised July 1, 2010

For accuracy of ordering, please fax order to Top End at 727-522-1007 or e-mail to TopEndOrders@invacare.com

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

XCL Top End Excelerator Handcycle.....\$2095.00

Includes:

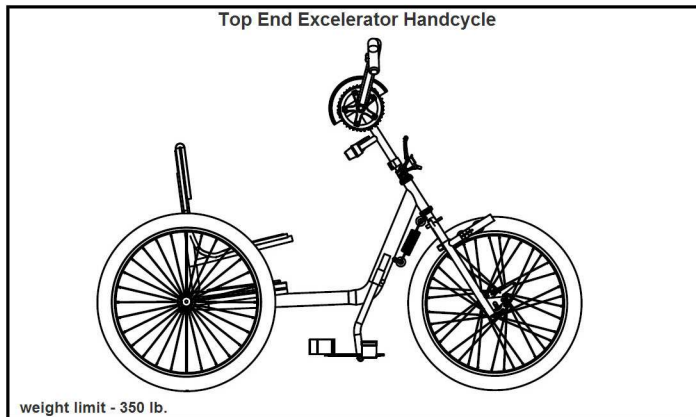
- Carbon steel frame and fork
- Adjustable seat and back height/ Fold over back upholstery
- Adjustable crank height
- Chain guard
- Chain tension idler
- Adjustable height/angle footrest system
- Shimano® 7 speed hub w/reversing drum brake
- 175 mm crankset w/one chain ring
- Delrin® or foam covered ergonomic handpedals
- Parking brake
- Performance wheels
- Quick release axles
- 9° camber
- Reflectors
- Cushion

1. Seat width: 14" 16" 18" 20"
 XCL21 Custom width: 15" 17" 19"100.00
2. Propulsion: Shimano 7 speed hub w/reversing drum brake/twist shifter
 XCL2 Mountain drive700.00
 XLT139 Quad twist shifter option.....50.00
3. Crankset: 175 mm Cranks..... standard
Handpedals for standard crank: (choose one)
 Delrin ergonomic handpedals No charge
 Foam covered ergonomic handpedals..... No charge
 XCL19 Tri-pin quad handpedals350.00
 XCL3 Horizontal handpedals75.00
 XCL20 Quad gloves120.00
 Size Small Med Large X-Large
 XCL4 Quad Cuff (Delrin only)50.00
4. Optional crankset:
 XLT34 Top End V Crankset
 w/ergonomic handpedals.....200.00 ¹
 Choose length and width:
 Length: 180 mm 200 mm
 Width: 22" 24"
5. Wheels: 24" Cruiser wheels/cruiser tires standard
 XCL6 24" Knobby tires.....75.00
 XCL22 Thorn resistant tire protectors50.00

Special Instructions

FOOTNOTES

¹ Top End V crankset not available with mountain drive. Ergonomic aluminum ovalized handpedals are standard. Please call for quad handpedal options.



SAFETY AND COMFORT OPTIONS:

- XCL7 Water bottle & cage..... 35.00
 XCL8 Tow bar for wheelchair 250.00
 XCL9 Cordless computer..... 125.00
 XCL14 Front safety light 25.00
 XCL10 Rear flashing light..... 25.00
 XCL11 Helmet..... 75.00
 Small (6 5/8" – 7")
 Medium (6 7/8" – 7 1/2")
 Large (7 1/4" – 7 5/8")
- XCL12 Seat restraint:
 hook/loop fastener 40.00
- XCL13 Seat restraint:
 Auto style fastener..... 60.00
 Mirror..... 30.00
- XCL15 Crutch holder & strap..... 125.00
 XCL16 Safety flag 30.00
 XCL17 Bike rack for trailer hitch 450.00
 1 1/4" 2"
- XLT33 Alignment gauge 75.00
 XLT42 Indoor training roller 250.00
- RACE22 Top End T-Shirt L XL 10.00 ²
 RACE13 Top End Bike Jersey L XL 70.00 ²

FRAME COLOR AND UPHOLSTERY

- UPHOLSTERY Black std UPH1 Woodland Camouflage \$100.00
 UPH2 Digital Desert 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

Top End® Excelerator™ Handcycle Specifications

Frame – 1 3/4" x .065 ovalized carbon steel tubing.

Frame Design – Single main tube, upright position.

Wheelbase – Overall length 65"

Weight – Overall weight 50 lbs.

Turning Radius – 12 feet for 360° circle, 8 feet w/ one backing maneuver.

Static Tip Angle – 25 - 30° for 250 lb subject.

Transfer Seat Height – (w/ 2" Cushion) 20".

Crankset – Sugino 175mm w/chainring, (38 teeth) adjustable height also includes chain tension idler.

Chain guard – Black plastic

Braking System – Shimano internal drum brake (coaster brake), activated by pedaling backwards.

Standard Propulsion System - 7 speeds, internal gearing, front wheel drive, 175mm Crankset w/one chainring, adjustable height crank, Shimano 7 speed front hub w/internal hub brake and 7 speed twist shifter.

Gear Shifter- Shimano Tourney revoshifter indexed twist grip with gear display. For customers with limited hand function the Quad twist shifter option, a 3 pronged adaptation that is secured around the twist shifter is recommended.

Parking Brake – Caliper brake w/locking brake lever.

Handpedals – Shape and angle is ergonomically designed for maximum power. Foam covered or Delrin grips.

Optional Handpedals – Horizontal handles are foam covered. Tri-pin quad handles offer a 3 point contact, (the same as are used in driving a car) and also allow customer to get on/off of handles independently, as to change gears, etc. The Quad cuff is a U shape plastic that fits the Delrin handles and offers minimal support. Quad gloves secure a quadriplegic's hand to the foam ergonomic or horizontal handpedals.

Optional Top End V Crankset/Handpedals – Top End V Crankset with integral pedal bearings is available in a choice of 180mm, 200mm, or 220mm lengths. The crankset width is available in 22", 24" or 26" and is measured center to center to the point at the middle of the handpedal. 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. Includes one chainring. Mountain Drive option not compatible with V Crankset option. See drawing on right.

Performance Wheels - Rear hubs are precision heat treated, silver 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 2 wheel options:

24" Off Road wheels Alloy 24 x 1.5 Rims

24" x 1.75" Heavy Treaded Tire, 24 x 1.5 Tube 40 - 65 psi

24" Cruiser wheels Alloy 24 x 1.5 Rims

24" x 1.75" Treaded Tire, 24 x 1.5 Tube 40 - 65 psi

Camber - 9° Camber for stability.

Optional Mountain Drive – Available only w/standard cranks and propulsion system (7 speed internal hub). Works like a transmission to gear "down" for climbing hills if you need it. Gives you a true doubling of the number of gears. Limited warranty on this option. Cannot change gears under load. Not available with V Crankset Option.

Uphostery – Nylon w/hook and loop adjustable tension seat sling and seat back. Seat restraints available. Foam seat cushion w/cover.

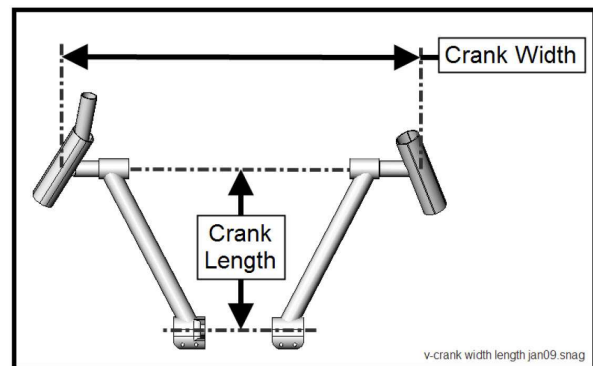
Footrest – Adjustable height and angle, dual footrests w/safety straps.

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

Assembly – Shipped completely assembled except for rear wheels. Shipping weight is 80 lbs.

Options:

- Helmet
- Horizontal Handles
- Quad Cuffs and Gloves
- Tri-pin handles
- Quad twist shift adaptation
- Seat Restraints
- Water Bottle and Cage
- Cordless Computer/Speedometer
- Front and Rear Safety Lights
- Tow Bar for Wheelchair
- 24" Knobby Tires
- Safety Flag
- Crutch Holder and Strap
- Mirror
- Bike Rack Alignment Gauge
- V Crankset



Invacare Corporation www.invacare.com

TOP END
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