

Invacare® Top End® Excelerator™ Handcycle



Price List and Order Form Effective January 1, 2006

For accuracy of ordering, please fax your order to Top End Toll Free 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 # _____
Address _____	City _____	State _____ Zip Code _____
Customer Name _____	Phone No _____	
Address _____	City _____	State _____ Zip Code _____
Ship order to: <input type="checkbox"/> Provider <input type="checkbox"/> Customer		Order will ship to Provider unless otherwise noted.

Chair Type
 XCL Invacare Top End Excelerator Handcycle\$1,995.00 _____

Includes:

- Carbon steel frame and fork
- Adjustable seat
- Adjustable back height
- 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

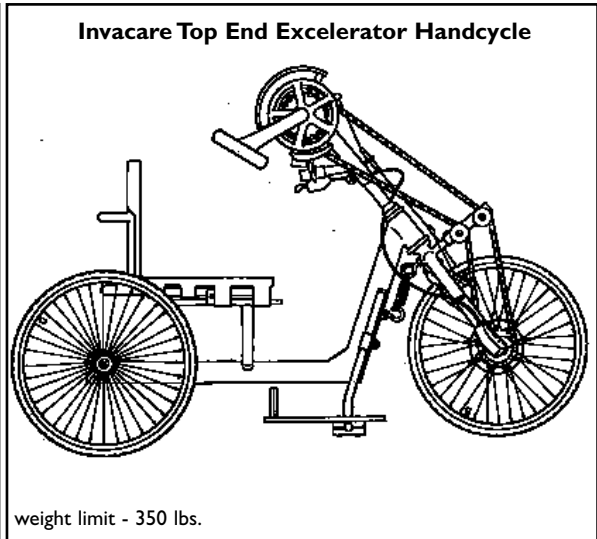
1. Seat width: 14" 16" 18" 20"
 XCL21 Custom width: 15" 17" 19"100.00 _____

2. Propulsion: Shimano 7 speed hub w/reversing drum brake
 XCL2 Mountain drive.....700.00 _____

3. Crankset: 175 mm Cranksstandard
 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 handpedals.....75.00 _____
 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 _____
 Choose length and width:
 Length: 180 mm 200 mm
 Width: 22" 24"

4. Wheels: 24" Cruiser wheels/cruiser tires
 XCL6 24" Knobby tires75.00 _____
 XCL22 Thorn resistant tire protectors50.00 _____



Special instructions:

Options:

- XCL7** Water bottle & cage35.00 _____
- 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 fastener60.00 _____
- XCL15** Mirror.....30.00 _____
- XCL16** Crutch holder & strap.....125.00 _____
- XCL17** Safety flag.....30.00 _____
- XCL18** Bike rack for trailer hitch.....350.00 _____
 1 1/4" (std) 2"
- XLT33** Alignment gauge.....75.00 _____
- XLT42** Indoor training roller250.00 _____

Total _____

Frame color:

CONTEMPORARY COLORS

<input type="checkbox"/> Wet Black	<input type="checkbox"/> Black Prism	<input type="checkbox"/> Midnight Blue
<input type="checkbox"/> Silver Metallic	<input type="checkbox"/> Silver Vein	

WAY COOL COLORS

<input type="checkbox"/> Electric Blue	<input type="checkbox"/> Lolly Pop Blue	<input type="checkbox"/> Cosmic Blue
<input type="checkbox"/> Celestial Purple	<input type="checkbox"/> Vivid Violet	<input type="checkbox"/> Electric Teal
<input type="checkbox"/> Emerald Green	<input type="checkbox"/> Shamrock Green	<input type="checkbox"/> Grasshopper Green

TOO HOT COLORS

<input type="checkbox"/> Tangerine Red	<input type="checkbox"/> Electric Red	<input type="checkbox"/> Grape Madness
<input type="checkbox"/> Sunny Yellow	<input type="checkbox"/> Sunkissed Orange	
<input type="checkbox"/> Fruit Fusion	<input type="checkbox"/> Bubble Gum Pink	

FOOTNOTES:

1. Top End V crankset not available with mountain drive. Ergonomic aluminum ovalized handpedals are standard.

Invacare® Top End® Excelerator™

Handcycle Specifications

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

Frame Design - Single main tube.

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.

Derailleur - No derailleur needed.

Chain - Sedisport - black.

Chain guard - Black plastic.

Brake - Shimano Super 7 internal drum brake (coaster brake). Free wheel back-up feature - no neutral gear required.

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 220 mm 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.

Shift Levers - Shimano light action, 7 speed click shifting.

Hub - Front - Shimano 7 speed hub w/internal hub brake, freewheel back up feature. Rear precision, heat treated, black, anodized w/1/2" quick release, stainless axles.

Spokes - 14 gauge stainless steel.

Rims - Sun Metal AT-18 24" alloy.

Tires - Tractor grip 24 x 1.75" 40 lbs. PSI (touring), or Pyramid 24 x 1.95" 40 - 65 lbs. PSI (off road riding).

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.

Seating/Back Height - 14" to 20" in 1" widths; multi position for and aft sliding seat system. Back Height adjustable, angle is 100°.

Upholstery - 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
- Seat Restraint
- 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
- Custom Paint
- Bike Rack
- Alignment Gauge
- V Crankset

Invacare Corporation

www.invacare.com



INVACARE TOP END

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No. 96-266
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