

INVACARE® TOP END®

# Recreation and Touring Series

Handcycles



Yes, you can.®



**The Invacare® Top End® XLT PRO Handcycle** is THE ULTIMATE CHOICE for handcycle enthusiasts for touring and long distance riding. Why? The XLT PRO Handcycle features a comfortable recumbent design and 27 external gears which allow you to adjust to the slightest changes encountered on the road, including variations of wind, inclines and descents. The 27 speeds operated by the Shimano® Rapid Fire hands-on shifter/brake deliver smooth, responsive shifting and braking right at your fingertips. Plus, its easy-to-operate, cable free, virtually maintenance free, manual upper derailleur system takes the guess work out of chain rings. The XLT PRO handcycle has ramped and pinned chain rings which are made specifically for Top End to give unprecedented ease of shifting.

## Features

- 6061 T6 oval tube aluminum frame
- 4130 Chrome-moly steel fork for strength and stiffness
- Adjustable crank assembly
- Adjustable fore and aft seat position
- Multi-position, adjustable footrest system with safety straps
- Adjustable angle back
- Narrow high back
- Adjustable tension seat upholstery
- Invacare® Top End® V crankset w/ integral pedal bearings
- Manual derailleur system
- Shimano® and Top End 27-speed components
- Rapid Fire hands-on shifter/brake
- 26" high performance, off-road or cruiser wheels
- High pressure, knobby or cruiser clincher tires
- Threaded or quick-release axles
- Road crown compensator
- Reflectors
- Seat restraint
- Parking brake
- Powder coat paint

## Options

- Alignment gauge
- Drafting bumper
- Indoor training roller
- Travel-ready, removable fork/camber tube
- Carbon fiber wheels
- Cordless computer
- Water bottle and cage
- Backpack hydration system
- Helmet
- Safety lights, mirror and flag
- Leg-guard attachment
- Crutch holder
- Bike rack
- Seat cushion
- Tow bar for wheelchair
- Disk Brake

*Invacare® Top End® XLT PRO handcycle with standard Top End V crankset.*



**The Invacare® Top End® XLT and XLT Jr. handcycles** are designed with the recreational handcycling enthusiast in mind. Equipped with seven speeds, the XLT handcycle will easily handle most terrain, whether you're riding around town or taking a spin in the country. The lightweight, oval tube aluminum XLT frame with chrome-moly steel fork features simple geometry for maximum stiffness and easy cornering. The seat and back are totally adjustable for a comfortable fit. The narrow rear-end enhances aerodynamics and the 15° of camber increase stability. If you want a great way to exercise, cross-train or just have fun, choose the XLT handcycle.



### Features

- 6061 T6 oval tube aluminum frame
- 4031 chrome-moly steel fork for strength and stiffness
- Adjustable height crank assembly
- Adjustable chain tension idler
- Adjustable fore and aft seat position
- Multi-position, adjustable footrest system with safety straps
- Adjustable back angle
- Narrow back
- Adjustable tension seat upholstery
- Vertical ergonomic handpedals: Delrin® or foam covered
- Shimano® seven-speed hub with reversing drum brake
- High performance, off-road or cruiser wheels\*
- High-pressure, knobby or cruiser tires\*
- Quick-release axles
- Road crown compensator
- Reflectors
- Parking brake
- Seat restraint
- Powder coat paint  
\*XLT Jr. available with cruiser only



Twist Shifter.



Quad Twist Shifter.

*Invacare® Top End® XLT handcycle is shown with Delrin® handpedals.*



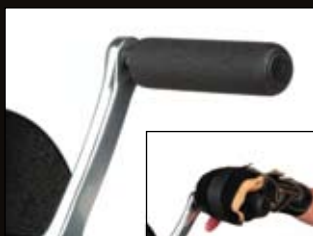
## Options

- Indoor training roller
- Wide back
- Mountain drive transmission
- Horizontal handpedals
- Quad gloves
- Quad cuffs
- Tri-pin quad handpedals
- Cordless speedometer
- Water bottle and cage
- Helmet
- Safety lights, mirror and flag
- Leg guard attachment
- Crutch holder
- Bike rack
- Cushion
- Tow bar for wheelchair
- Basket
- Backpack hydration system
- Alignment gauge



Horizontal pedals are best for younger kids.

## Handpedals and Handpedal Options



Horizontal handpedal/quad glove.



Tri-pin quad handpedal.



Delrin® ergonomic handpedal with quad cuff.



Foam covered ergonomic handpedal/quad glove.

*The Invacare® Top End® Excelerator™ XLT Jr. handcycle is designed for kids and small adults with 20" cruiser wheels. Shown with foam covered vertical handpedals*





If you want a great way to exercise, cross-train or just have fun, the **Invacare® Top End® Excelerator™ handcycle** is what you need. This upright and extremely maneuverable three-wheel handcycle is capable of speeds up to 15 mph. The smooth Shimano® shifter lets you tackle hills or level terrain with equal ease. The seven-speed Shimano hub with reverse braking means your hands never have to leave the handpedals to stop. In addition, with the fully adjustable chain tension idler there is no need to add or remove chain links with crank height adjustments. The custom-built, oval tube carbon steel frame construction with adjustable sliding seat makes transfers in and out easier too. The V crankset option with its wider and longer cranks delivers more power to the pedals. It also is a great fit for those who are tall or big. *No excuses... Get Cranking!*

## Features

- Carbon steel oval tube frame
- Adjustable fore/aft sliding seat
- Adjustable height and angle dual footrests/safety straps
- Shimano® seven-speed hub with reversing drum brake
- Easy-to-reach seven-speed shifter
- Vertical ergonomic handpedals; Delrin® or foam covered
- Adjustable crank height
- Adjustable chain tension idler
- Chain guard
- Adjustable tension seat upholstery
- Cushion
- Reflectors
- 24" performance wheels: cruiser tires
- Adjustable back height
- Parking brake
- Powder coat paint



*The Invacare® Top End® Li1 Excelerator™ handcycle is designed for children and has 20" cruiser wheels and tires.*

## Options

- Invacare® Top End® V crankset
- Horizontal hand pedals
- Quad cuffs and gloves
- Tri-pin quad handpedals
- Water bottle and cage
- Helmet
- Front and rear safety lights
- Bike rack
- Quad twist shifter
- Tow bar for wheelchair
- Cordless speedometer
- Mirror and safety flag
- Knobby tires
- Crutch holder and strap
- Mountain drive transmission
- Seat restraint
- Alignment gauge



*The Invacare® Top End® Excelerator™ handcycle.*

## ACCESSORIES AND OPTIONS



### Tow Bar

The optional tow bar allows you to tow your manual rigid wheelchair around town for shopping and eating out.



### Bike Rack

The convenient optional bike rack fits into a standard receiver-style trailer hitch.\* It has a guide rail for easy on and off and sturdy straps keep everything secure. Accommodates the Excelerator, Li'l Excelerator, XLT Jr., XLT and XLT PRO handcycles.



### Basket

- Great for long rides
- Good for picnics
- Nice for shopping



### Crutch Holder

- Mounted behind seat
- Under seat mount also available (not shown)
- Accommodates most crutches



### Mountain Drive Transmission

- Available on XLT, XLT Jr., Excelerator and Li'l Excelerator handcycles
- Adds 7 low gears (7 low + 7 standard = 14 total)
- Easy shifting, especially for quadriplegics – just push-in the center button
- Lightweight planetary transmission
- A must have for hilly terrain



### V Crankset

The Invacare® Top End® V crankset option accommodates consumers who might have "clearance" issues.



### Parking Brake

Parking brake stabilizes the XLT, XLT PRO/XLT Jr., Li'l Excelerator and Excelerator handcycles for safer transfers.

## Invacare® Top End® XLT PRO Handcycle



### Rapid Fire Shifter/Brake

Rapid Fire hands-on shifter/brake delivers smooth, responsive shifting and braking right at your fingertips.



### V Crankset

Invacare® Top End® V crankset incorporates aluminum crank arms with a designed oversized bottom bracket spindle for maximum stiffness but less weight.



### Derailleur System

The manual upper derailleur system is easy-to-operate and takes the guess work out of the chain rings.

### Top End

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Form No. 03-088  
Rev. 08/10

\*Requires a receiver hitch mounted on the vehicle.

