

# Invacare® Top End® Force™ G Handcycle

## Price List and Order Form

Effective May 15, 2008 Revised January 1, 2010



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

### TOP END FORCE G HANDCYCLE: Trunk Powered Position

- FRCG Top End Force G Handcycle.....\$4,295.00
- 1. **Seat Width:**  14"  15"  16"  17"  18" (For Diagram, see pg. 2)
- 2. **Wheel base:** 60" recommended for users taller than 5'6".  
 60" (standard)  57"
- 3. **Customer Detail:** Height \_\_\_\_\_ Weight \_\_\_\_\_ Disability \_\_\_\_\_
- 4. **Component Choices:** (choose one)  
 Shifter / Brake / Front Wheel Derailleur Packages  
 Rapidfire® Brake/Shifter with Shimano® XT Derailleur, KMC® Chain .....**Standard**  
 **XLT53** SRAM® Grip Shifter, Paul® Component Brake Lever and SRAM® X.O. Derailleur / SRAM Hollow Pin Chain ..... 550.00<sup>1</sup>  
 **XLT54** SRAM® Trigger Shifter, Paul® Component Brake Lever and SRAM® X.O. Derailleur / SRAM® Hollow Pin Chain .. 625.00<sup>2</sup>
- 5. **Mounting Position: Shifter / Brake Lever** (choose one)  
 Right Handle .....**Standard**  
 Left Handle..... No charge
- 6. **Brake Choices:** (Includes Brake and Parking Brake-choose one)  
 Caliper-Cane Creek® SCR-3.....**Standard**  
 **XLT55** Caliper-Cane Creek® SL w/Titanium Hardware 150.00<sup>3</sup>  
 XLT66 Disc Brake ..... 300.00<sup>4</sup>
- 7. **Front Wheel Cassette Choice:** (choose one)  
 Shimano® LX 11-34 .....**Standard**  
 **XLT58** SRAM® 11-23..... 50.00<sup>5</sup>  
 **XLT59** SRAM® 11-26.....50.00 5
- 8. **Chain ring Choice:** (choose one)  
 48-40-28.....**Standard**  
 **XLT41** Chain ring Option 53-40.....100.00
- 9. **Top End Cranks:** S Crank (choose length and width)  
 Adjustable Crank Height: diagonal and vertical 17-21" .....**Standard**  
 Length:  190mm  **200mm (std)**  210mm  220mm  
 Width:  22"  **24" (std)**  26"  
 **XLT56** Hand Pedals with Power Plates.....50.00
- 10. **Performance Upgrades:**  
 **XLT60** SRM® Training System – Professional Road.. 3,500.00<sup>6</sup>

- 11. **Camber 9 degrees**.....**Standard**  
 XLT142 Camber 3 degrees..... 100.00

### WHEELS (Threaded Axle Only)

- 26" High performance wheels with high pressure clincher tires: **Standard**  
**Performance Wheel Upgrade** (does not include standard wheels):
- XLT45** Zipp® 404 26" Carbon rim/ovalized spokes  
 Clincher  Tubular..... 3,250.00
  - XLT50** Zipp® Time Trial Package:  
 Front Wheel: Zipp® 404 Rear Wheels: Zipp® Disc  
 (tubular only)..... 3,750.00
  - XLT67** Corima® AERO 26" Carbon rim/ovalized spokes  
 (tubular only)..... 3000.00
- Tire Upgrade**
- XLT51** Continental® Grand Prix 4000..... 135.00
  - XLT52** Tufo® S3 tires 180g (tubular) ..... 125.00

### SAFETY & COMFORT OPTIONS

- Seat and back cushions.....**Standard**
- Chain Guard.....**Standard**
- Safety Flag.....**Standard**
- Tool and Tire Repair Kit ..... 90.00
- XLT71** Mirror..... 30.00
- XLT12** Water Bottle & Cage ..... 35.00
- XLT28** Backpack Hydration System ..... 100.00
- XLT141** Heart Rate Monitor..... 100.00
- XLT14** Cordless computer..... 125.00
- XLT15** Helmet..... 75.00
- Small (6 5/8" – 7")  Medium (6 7/8" – 7 1/2")  Large (7 1/4" – 7 5/8")
- XLT16** Extra Safety Flag..... 30.00
- XLT9** Leg Guard Attachment..... 75.00
- XLT6** Front Safety Light ..... 25.00
- XLT7** Rear Flashing Light..... 25.00
- XLT 33** Alignment Gauge ..... 75.00
- XLT20** Bike Rack for Trailer Hitch..... 450.00  
 1 1/4" (Std.)  2"
- Cable kit..... 35.00
- XLT40** Indoor Training Roller..... 250.00
- TER126** Click Strap Large (pad length~12")..... 86.00
- TER125** Click Strap Med (pad length~10").....80.00
- TER124** Click Strap Small (pad length~8").....75.00
- XLT17** Crutch Holder & strap..... 125.00
- XLT68** Amputee Leg Support (padded) ..... 75.00
- RACE22** Top End T-Shirt  L  XL..... 10.00 5
- RACE4** Wheel Bag..... 180.00 5
- RACE13** Top End Bike Jersey  L  XL..... 70.00 5
- RACE20** Handcycle Travel Bag..... 300.00 5

### FOOTNOTES

- <sup>1</sup> Grip shift is operated by rotating the grip mounted on either the right or left handle. Super light. Shifts quickly and accurately, Preferred by most Team Invacare/Top End members.
- <sup>2</sup> Thumb and forefinger operated. Super light weight, high quality components. A great choice for those who want low weight and do not like the grip shift
- <sup>3</sup> Ultra light weight brake calipers with titanium nuts and bolts.
- <sup>4</sup> Not available with carbon wheel upgrades.
- <sup>5</sup> XLT 58 and 59 are cassettes with closer gear ratios. Not best for hilly terrain.
- <sup>6</sup> SRM® Power Meter is a state of the art measuring tool. It is like connecting a computer to your handcycle. Not available with a chainring less than 39. Visit SRM.de for more details. The Power Meter is integrated directly into the Top End cranks. This is used worldwide by many top professional cyclists and handcyclists. Std. discount does not apply to XLT 60 or to RACE options.

### FRAME COLOR AND UPHOLSTERY

**UPHOLSTERY**  Black std  UPHI Camouflage..... \$100.00

#### CONTEMPORARY COLORS

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

#### WAY COOL COLORS

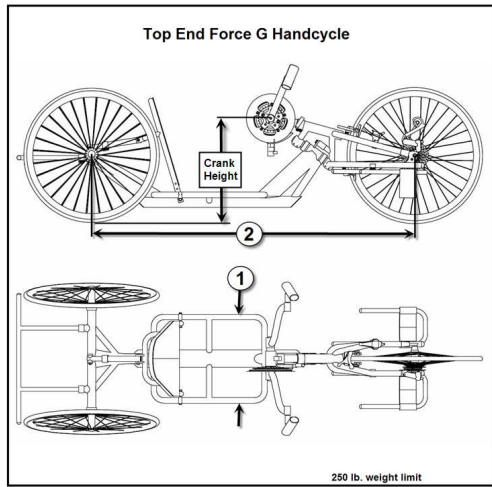
- Electric Blue  Midnight Blue  Cosmic Blue
- Electric Teal  Emerald Green  Grasshopper Green

#### TOO HOT COLORS

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

All prices subject to change w/o notice. All prices in U.S. Dollars. All orders F.O.B. Pinellas Park, Florida, USA  
 For the most current pricing information go to www.topendwheelchair.com.

# Invacare® Top End® Force™ G Handcycle



**Hand pedals** – Hand pedals 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 crank set and not in the pedal, which makes this pedal very comfortable. Power Plates consist of flat aluminum plates welded the lower end of the pedal.

**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** – Spoked wheels with threaded axles and alloy rims. 14 gauge stainless steel spokes. 26" x 1" High Performance Clincher Tire/Tube 100psi

**Carbon Wheel Upgrades – Threaded axle only**

1. 26" Zipp® 404 Wheels w/Carbon/Graphite composite rim and stainless ovalized spokes.
2. 26" Zipp® Time Trial Package: Zipp® 404 Front Wheel, Zipp® Disc Rear Wheels. (Zipp® Disc wheels not legal for use in mass start races. Time trial only.)
3. 26" Corima AERO Wheels w/ Carbon/Graphite composite rim and stainless ovalized spokes. Tubular only.

**Upholstery** – Black nylon upholstery and foam standard.

**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.

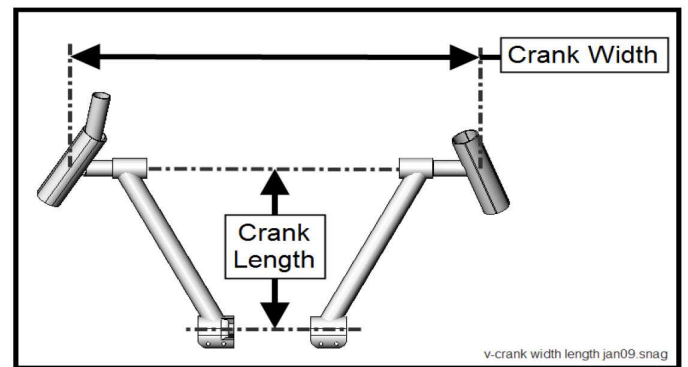
**Options** – See front of form or call for details and photos.

Tool bag includes 22 tools in 1, a unique 3 piece design plus tire patch kit, CO2 tire inflators; tire changing tools and zippered tool bag. Everything you need all in one handy pouch.

**Special**

**Instructions:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**V CRANK STYLE SHOWN FOR MEASUREMENT PURPOSES ONLY  
 S CRANK IS STANDARD.**



**Frame** – Ovalized 6061-T6 aluminum aircraft tubing with internal skeletal structure for increased stiffness.

**Removable Fork** – 6061-T6 aluminum, super stiff with adjustable crank housing.

**Frame Design** – Recumbent 3 piece centerline frame construction with welded seat and adjustable back angle.

**Wheelbase** – 60" Standard, 57" available (not recommended for users taller than 5'8". Overall Length 86"

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

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

**Transfer Seat Height** – 8" with 2" cushion.

**Backrest** – Adjustable fore and aft.

**Back Angle** – Adjustable angle back of 55° - 90°.

**Propulsion System** – Features a combination of Shimano and Top End components, 27 speeds, 48-40-28 chain rings and 11/34 cassette as standard. The 11/34 cassette is operated by the Hands-On Rapid Fire unit which is mounted on the right (standard) hand pedal. It operates both the 11/34 cassette and the hands-on brake. The manual derailleur operates the top chain rings utilizing a manual system which eliminates cables and their maintenance. A parking brake/second brake is mounted on the left side of frame.

**Crank set** – Crank is adjustable in both diagonal and vertical planes. Top End S crank set with integral pedal bearings are standard. To choose the width for the crank, consider the end user's shoulder width. The width is measured horizontally center to center to the point at the middle of the hand pedal. Length of crank set depends on the length of the arms. The length is measured perpendicular from the center of the crank to the center of the hand pedal spindle.

See diagram at right for how to measure S crank set.

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

**Invacare Corporation** [www.invacare.com](http://www.invacare.com)

**TOP END**  
 Sports and Recreation  
 Products  
 4501 63<sup>rd</sup> Circle North  
 Pinellas Park, FL USA  
 33781-5914

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