

Invacare® Top End® Force X™ Handcycle

Price List and Order Form

Effective **March 15, 2011 Revised January 1, 2012**

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.

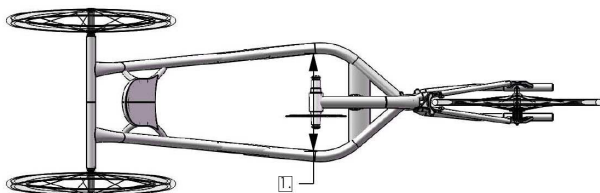
TOP END FORCE X HANDCYCLE: FIXED RECLINING

FRCX Top End Force X Handcycle*\$8495.00

*Drawing page must be completed

FRCX5 Force X Handcycle less front and rear wheels . \$8195.00

1. Seat Width: 12" 13" 14" 15" 16" (inside lower frame)



2. Wheel Base: 58" 60" 62" Select one

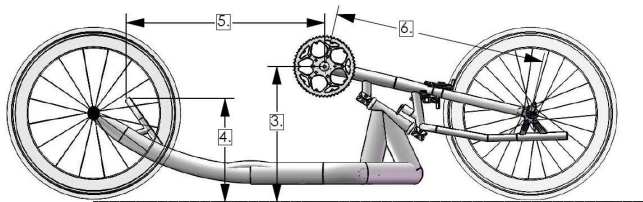
3. Crank Height Complete drawing page

4. Back Height Complete drawing page

5. Backrest to Crank..... Complete drawing page

6. Crank to Front Axle Complete drawing page

7. Camber: 3°(Std.) 0° 6° Select One



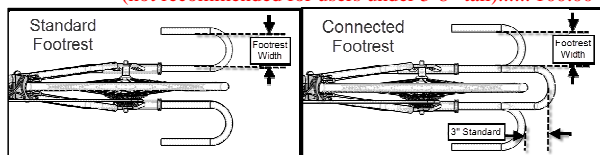
Lower Fork Style:

Aerodynamic Narrow **Standard**

Wide Style (required for disc brakes) N/C

Footrest Width: 3 3/4" (Std.) 4 3/4"

XLT83 Connected Footrest with bumper
 (not recommended for users under 5'8" tall)..... 100.00²



Component Choices: (choose one)

Shifter / Brake / Front Wheel Derailleur Packages

SRAM® XX 10 Speed Right Handle Mount Shifter and brake
 SRAM® X.X. Derailleur/SRAM® Hollow Pin Chain
 Fork mounted locking second brake. **Standard**

OR

SRAM® Red 10 speed Fork Mounted Shifter and brake
 SRAM® X.X. Derailleur/SRAM Hollow Pin Chain **No Charge**
 Second Brake Mounting Position: (choose one)
 Left Handle non-locking **Standard**
 Derailleur post non-locking (manual derailleur only)
 **No Charge**

FOOTNOTES

² Connected footrest with bumper can be custom built upon request for short leg lengths.

Fork Mounted locking No Charge

Upper Derailleur Choice: (Choose one)

Thumb shifter activated derailleur **Standard**
 Manual activated derailleur No Charge

Chain ring Choice: (choose one)

48-39-24 **Standard**
 XLT41 Chain ring Option 53-39-28 100.00
 XLT47 Rotor® Q- ring option 53-39-28..... 475.00
 (28 chain ring will not be Q-ring)

Front Wheel Cassette Choice:

SRAM 11-36 **Standard**
 XLT82 SRAM® 11-28 50.00³

Fork: Fixed length and fixed crank height Standard

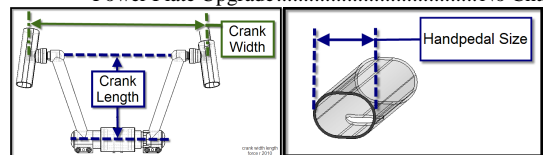
Fixed length/Vertical Crank Height Adjustment N/C

Crank Arms: Tapered Crank (choose length and width)

Length (mm): 155 160 165 170 (Std) 175 180
 Width (inches): 12" 13" 14" (Std) 15" 16"
 XLT46 Extra crank arms: Length ____ Width ____ 200.00

Handpedal Size / Cranks:

Medium Handpedal Size (1 3/4") **Standard**
 Small Handpedal Size (1 1/2") No Charge
 Large Handpedal Size (2 1/4") No Charge
 Power Plate Upgrade No Charge



Performance Upgrades:

XLT60 SRM® Training System – Professional Road . 3,500.00⁴

Brake Choices (Includes Brake and Parking Brake)

Pro Force Lever/Torq Lite CNC Caliper **Standard**
 XLT66 Disc Brake: Available with Wide Style fork only and
 Standard or Corima Wheels only..... 300.00⁶

WHEELS*: (Threaded Axle Only) Choose one:

26" High performance clincher wheels **Standard**

Performance Wheel Upgrades (does not include standard wheels):

XLT75 Top End Carbon rim upgrade 2350.00
 (26" Tubular only)
 XLT 78 Top End/Spinergy® Carbon rim upgrade..... \$1800
 (26" clincher only)
 XLT77 Time Trial Package: Front Wheel: 26" Top End Carbon
 Rear Wheels: Zipp® Disc (tubular only) upgrade..... 3,250.00
 XLT67 Corima® AERO 26" Carbon rim upgrade
 (tubular only)..... 3000.00
 XLT62 Build for 700C wheels..... 750.00

*Clincher wheels are supplied with Continental® Grand Prix tires and Tubular wheels are supplied with Continental Sprinter tires

Invacare® Top End® Force X™ Handcycle

CAD DrawingsStandard
E-mail address required _____

Special Instructions: _____

Safety & Comfort Options

	Seat and Back Cushions.....	Standard
	Drafting Bumper.....	Standard
	Chain Guard and Safety Flag.....	Standard
<input type="checkbox"/>	XLT71 Tool and Tire Repair Kit.....	90.00
<input type="checkbox"/>	XLT16 Extra Safety Flag.....	30.00
<input type="checkbox"/>	XLT63 Mirror, Handle Mount.....	35.00
<input type="checkbox"/>	XLT13 Water Bottle & Cage.....	35.00
<input type="checkbox"/>	XLT28 Backpack Hydration System.....	100.00
<input type="checkbox"/>	XLT141 Heart Rate Monitor.....	100.00
<input type="checkbox"/>	XLT14 Cordless Computer.....	125.00
<input type="checkbox"/>	XLT15 Helmet.....	75.00
	<input type="checkbox"/> Small (6 5/8" – 7") <input type="checkbox"/> Medium (6 7/8" – 7 1/2") <input type="checkbox"/> Large (7 1/4" – 7 5/8")	
<input type="checkbox"/>	XLT9 Leg Guard Attachment.....	75.00
<input type="checkbox"/>	XLT6 Front Safety Light.....	25.00
<input type="checkbox"/>	XLT7 Rear Flashing Light.....	25.00
<input type="checkbox"/>	XLT 33 Alignment Gauge.....	75.00
<input type="checkbox"/>	XLT20 Bike Rack for Trailer Hitch.....	450.00
	<input type="checkbox"/> 1 1/4" (Std.) <input type="checkbox"/> 2"	
<input type="checkbox"/>	XLT40 Cable Kit.....	35.00
<input type="checkbox"/>	XLT74 Extra Steering Dampener.....	10.00
<input type="checkbox"/>	XLT86 LeMond® Revolution™ Trainer w/ power meter.....	1250.00 ⁴
<input type="checkbox"/>	XLT87 LeMond Revolution Trainer w/o power meter.....	850.00 ⁴
<input type="checkbox"/>	XLT42 Indoor Training Roller.....	250.00
<input type="checkbox"/>	TER126 Click Strap Large (pad length~12").....	86.00
<input type="checkbox"/>	TER125 Click Strap Med (pad length~10").....	80.00
<input type="checkbox"/>	TER124 Click Strap Small (pad length~8").....	75.00
<input type="checkbox"/>	RACE4 Wheel Bag.....	180.00 ⁴
<input type="checkbox"/>	RACE20 Handcycle Travel Bag.....	300.00 ⁴
<input type="checkbox"/>	RACE13 Top End Bike Jersey <input type="checkbox"/> L <input type="checkbox"/> XL.....	70.00 ⁴
<input type="checkbox"/>	RACE22 Top End T-Shirt <input type="checkbox"/> L <input type="checkbox"/> XL.....	10.00 ⁴

CONTEMPORARY COLORS

- Wet Black Black Prism White Snow Silver Metallic
 Stealth Black

WAY COOL COLORS

- Royal Blue Midnight Blue

TOO HOT COLORS

- Tangerine Red Raspberry Red
 Safety Yellow Sunkissed Orange

P1 Two color option\$100
Fork color _____ Frame color _____

FOOTNOTES:

- ³ XLT 82 is a cassette with closer gear ratios. Not best for hilly terrain.
⁴ Dealer discount does not apply. SRM® Power Meter is a state of the art measuring tool. Not available with 3 chainrings or a chainring less than 39 teeth. Visit SRM.de for more details. The Power Meter is integrated directly into the Top End cranks.
⁶ Disc brake requires the Wide Style Lower fork. Only available with Standard and Corima Wheels.

Frame – Ovalized 7005 aluminum tubing with wrap-around ovalized lower frame.

Fork – 7005 aluminum, super stiff

Wheelbase – 60" Standard

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

Static Tip Angle - 39° for 250 lb subject.

Transfer Seat Height – 5" with 2" cushion.

Backrest and Back Angle – Fixed per drawing dimensions.

Propulsion System – Features a combination of SRAM and Top End components, 30 speeds, 48-39-28 chain rings and 11/36 cassette as standard. The 11/36 cassette is operated by the Hands-On Grip-Shifter or Trigger shifter unit which is mounted on the right (standard) hand pedal. It operates both the 11/36 cassette and the hands-on brake. A shifter/derailleur mounted on upper crank operates the top chain rings utilizing a system which minimizes cables and their maintenance. A parking brake/second brake is mounted on the fork.

Crank set – Top End V 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 on page 1.

Steering – Pivot fork steering.

Crank – Fixed position per drawing dimensions.

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 handle and not in the crank arm, 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

- 26" Top End Wheels w/Carbon composite rim and stainless spokes. 24 spokes front, 20 spokes rear. Tubular only.
- 26" Spinergy Wheels w/Carbon rim. Clincher only
- 26" Time Trial Package: Top End Front Wheel, w/carbon rim Zipp® Disc Rear Wheels. Tubular only.
- 26" Corima AERO Wheels w/ Carbon/Graphite composite rim and stainless ovalized spokes. Tubular only.

Upholstery – Black breathable mesh upholstery with cervical neck support and 2" seat and back cushion standard. Seat restraint included.

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.

Invacare Corporation www.invacare.com

TOP END

Sports and Recreation Products
4501 63rd Circle North
Pinellas Park, FL USA
33781-5914

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Form No. 11-062 Rev 01.12
P2007-029



Invacare® Top End® Force X™ Handcycle

Options – See front of form and go to www.topendwheelchair.com for detailed 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.



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