

INVACARE® TOP END® Force® Handcycles Series



Yes, you can.®

INVACARE® TOP END® Force® Series



If you want to compete with a desire to win, nothing matches the *Invacare Top End Force Handcycles Series*. Designed for comfort and speed, these bikes are aerodynamic, robust, stylish and FAST! Are you ready to force the pace?

The *Invacare Top End Force-2* is a truly great bike at a great price, and is essentially a streamlined version of the famous *Top End Force*. The bike comes "ready to ride" complete with 27 speeds, performance wheels and Shimano® components. So whether you're just looking to get started in handcycling or are ready to start entry-level competition, this makes the *Top End Force-2* a great handcycle for clubs, schools and teams. With just a few parts to assemble easily (assembly instructions are included in the box) within no more than 30 minutes your new handbike is up and running... just attach the front fork to the frame, secure the drafting bumper, followed by the front and rear wheels and you're ready to roll.

The aerodynamic design of the *Invacare Top End Force G* offers an adjustable, trunk-powered, erect position for low paras, amputees, and competitors whose power is in their abdominal, arm, shoulder and chest muscles. The *Top End Force G* features the same internal rib centre frame design as the *Top End Force*, rendering it super rigid for easier transfers.

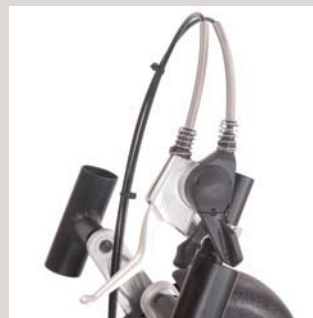
OPTIONS AND FEATURES



Adjustable back angle allows you to recline the back from 35-55 degrees on *Top End Force-2*.



Easy to use Shimano® Deore Rapidfire Shifter delivers hands-on shifting and braking on *Top End Force-2*.



The top chain rings utilizes a manual shifter system located on upper crank which minimizes cables and their maintenance (on *Top End Force-2*).



The *Invacare Top End Force G* has an adjustable back from 55 to 90 degrees.



TECHNICAL DATA



86"
(approx. 2184 mm)



Wheelbase: 60"
(approx. 1524 mm)



Front and rear:
26"



Red: 15"
(approx. 381 mm)
Blue: 17"
(approx. 432 mm)



38 lbs
(approx. 17 kg)



Max. 250 lbs
(approx. 113 kg)

These are the technical data for the *Top End Force-2 model*. Please refer to order form for all technical specifications.

INVACARE® TOP END® Force® R

The *Invacare Top End Force R* is all about comfort and speed. The radical, lugestyle seating is certainly not for the fainthearted: fast, stable and aerodynamic, the *Invacare Top End Force R* reaches speeds of approximately 2MPH faster against the wind than earlier recumbent-style bikes. In addition, it allows those who can't ride a kneeling bike to increase their speed and compete harder in a racing environment.

Designed for performance

Starting at the front, the footrests are curved inward, which keeps your feet closer to the wheels for a true aerodynamic position. The narrow fork allows legs to be even closer together, minimizing body profile against the wind.

The main frame is built from 7005 aluminium which is custom pre-curved, extruded aluminium tubing with an oval profile, making it super stiff for maximum transfer of power. The new curved frame and computer aided teardrop design of the **Force R** handcycle's low-to-the-ground frame is sleek, stable and lighter weight than ever.

In addition, the unparalleled aerodynamic design of the **Force R** handcycle offers an adjustable, lie-down or recumbent position with an easy-to-adjust backrest and crank support. This position, combined with our effortless adjustments and new lighter weight foam covered in breathable mesh upholstery with cervical support ensures optimum comfort using mostly arm, shoulder and chest muscles.



Heinz Frei - Switzerland

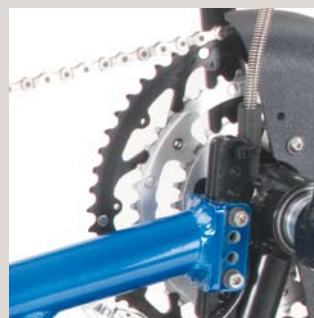
OPTIONS AND FEATURES



Super stiff fork with ovalized upper tube, longer headtube, 2" of vertical adjustment and a bicycle headset.



"Easy to remove" fork for travel and shipping.



Vertical crank adjustment.



SRAM® 9 speed Grip Shifter.



TECHNICAL DATA



Wheelbase:
60" or 62"
(approx. 1524 mm
or 1575 mm)



Front and rear:
26" or 700C



13" - 18"
(approx. 330 - 457 mm)



12.5 to 16 kg



Max. 250 lbs
(approx. 113 kg)

Please refer to order form for all technical specifications.

INVACARE® TOP END® Force® X

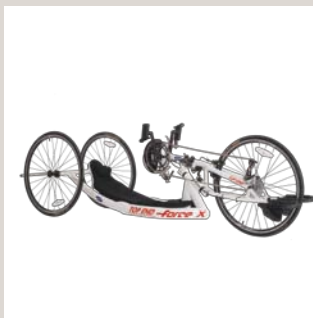


Joel Jeannot - France

The *Invacare Top End Force X* is the latest competitive handcycle in the *Invacare Top End Force Series*. The *Force X* handcycle's design is a winner! Check out the custom reclined frame with an integrated back and headrest which make it ultra-light and super stiff. The *Top End Force X* is a customized racing machine which includes a SRAM 30 speed drive train with all top-of-the-line components, including SRAM XX, Red and XO components.

To ensure perfect fit, a CAD drawing is required and must be approved by the customer. The *Top End Force X* handcycle is sure to be a favourite on the podium. It is already proven and currently used by Team Invacare members Joel Jeannot, UCI World Champion, Krige Schabort, 2010 and 2011 Iron Man World Champion as well as Mark Ledo, this year's 2011 Top End / PVA American Euro Championship Marathon winner.

OPTIONS AND FEATURES



Custom fixed crank length and height, streamlined seat and back upholstery with headrest.



Invacare Top End Force X integrated backrest and frame.



SRAM RED double tap shifter.



SRAM XX 30 speed.

TECHNICAL DATA



Wheelbase:
58" - 60" - 62"
(approx. 1473 - 1524 -
1575 mm)



Front and rear:
26" or 700C



12" - 16"
(approx. 305 - 406 mm)



11.5 to 13 kg



Max. 250 lbs
(approx. 113 kg)

Invacare Limited
Pencoed Technology Park - Pencoed
Bridgend CF35 5AQ - United Kingdom
Tel: +44 1 656 776 222
Fax: +44 1656 776 220
E-mail: uk@invacare.com
Sales Order E-mail:
ordersuk@invacare.com
www.invacare.co.uk

Invacare Ireland Ltd
Unit 5 - Seatown Business Campus
Seatown Road - SWORDS
County Dublin - Ireland
Tel. +353 1 8107084
Fax +353 1 8107085
Email: Ireland@invacare.com
www.invacare.ie

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Please refer to order form for all
technical specifications.

