

# Invacare® Top End® Force G™ Handcycle



## Product Description:

The Invacare® Top End® Force™ G Handcycle's design offers an adjustable, trunk-powered, erect position for athletes that have a low paraplegia, amputees and competitors who can "gut" it out using abdominal, arm, shoulder and chest muscles. The Force G Handcycle can be considered a cross trainer and is used by athletes classified as an H4 or H5. It is a great core workout and allows users to see the traffic a bit easier than the recline-only positioned handcycles. The Force G is made of 6061 series aluminum. It includes adjustable angle backrest and crankset. Standard configuration is 27 speed.

## About New Smart Forms:

Top End is excited to introduce a new way to order Top End products. Our new Smart Forms provide an easy and electronic way to fill out order forms, save copies, and submit them via e-mail. Please see below for the features and useful information. Please see below for the features and useful information. Please note that because of the many upgrades available on our Invacare® Top End® Force™ G Handcycle, the base price does not include wheels or components. The standard selections are set as the default for your convenience and the overall price will be adjusted accordingly. This will allow you to build your Invacare® Top End® Force™ G Handcycle exactly how you want it!

### How to use:

- Use any Adobe Acrobat application to electronically fill out the order form
- Use the default selections to order a product with the most common configuration
- Use the "**Reset**" button located in the forms footer to reset selections to their defaults
- Use the "**Clear All**" button located in the forms footer to clear selections, including defaults. This feature allows for a blank order form to be printed and completed by hand
- Use the "**E-mail to Top End order box**" button located on the last page of the form to e-mail the completed form directly to the [topendorders@invacare.com](mailto:topendorders@invacare.com) e-mail inbox
- Forms can be completed electronically, printed, and e-mailed or faxed to [topendorders@invacare.com](mailto:topendorders@invacare.com) or 727-522-1007 if access to Acrobat Reader for Windows is unavailable

*(Acrobat Reader for Windows with java-script enabled is required to save and attach to e-mail)*

### Features:

- Tabulated options for an organized and standardized work-flow
- New more specific option codes which will appear on confirmations to improve customer / manufacturing communication
- Common special requests have been given option codes
- Built in exclusions to help eliminate errors
- Ability to save the form after it is filled out
- Ability to e-mail the form inside Acrobat Reader rather than saving a copy and attaching to an e-mail
- Ability to clear the entire form so it can be printed and completed by hand in the field when a computer is not available
- Ability to reset form to default selections

# Invacare® Top End® Force G™ Handcycle



PROVIDER / CUSTOMER INFORMATION:			
Provider Information:		End User Information:	
Date:	Name:	Height:	
IVC Acct #:	Ship to Address:	Weight (lbs.):	
Contact:	Address Line 2:	Leg Length (in.):	
Phone #:	City:	Hip Width (in.):	
Fax/Email:	State:	Zip:	Phone #:
<input type="radio"/> Ship to Provider		<input type="radio"/> Ship to End User	
<b>ORDER REQUEST TYPE:</b> <input type="radio"/> Quote <input type="radio"/> Order		PO # <input type="text"/>	

BASE MODEL:		
<input type="radio"/> 10012	Top End Force G Handcycle <i>Note: Bike ordered without wheels, tires, axles or shifting starts at \$3,905</i>	\$4,395

Assembly: <i>(see definitions)</i>		
<input type="radio"/> 10046	Unassembled	\$0
<input type="radio"/> 10047	Assembled	\$250
Shipping:		
Shipping Fee <i>(Continental US Only - See definitions)</i>		\$150

SEAT WIDTH:		
<input type="radio"/> 15013	14" Seat Width	\$0
<input type="radio"/> 15015	15" Seat Width	\$0
<input type="radio"/> 15017	16" Seat Width	\$0
<input type="radio"/> 15019	17" Seat Width	\$0
<input type="radio"/> 15021	18" Seat Width	\$0

FOOTREST:		
<input type="radio"/> 60009	4-3/4" Footrest Width	\$0

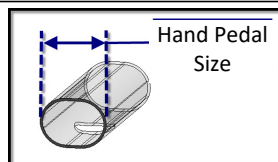
FORK OPTIONS:		
LOWER FORK STYLE:		
<input type="radio"/> 75026	Wide Fork <i>(disc brake mounts will be welded on the frame)</i>	\$0

FORK ADJUSTABILITY:		
<input type="radio"/> 65183	Adjustable Height Adjustable Length	\$0

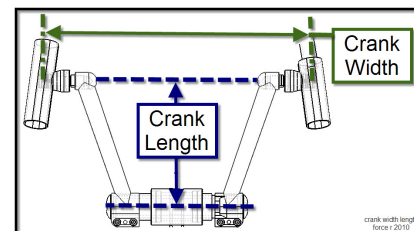
HAND PEDALS: <i>(See Diagram Below)</i>		
HAND PEDAL SIZE:		
<input type="radio"/> 65127	Medium (1-3/4") Ovalized Ergonomic	\$0
<input type="radio"/> 65113	Large (2-1/4") Ovalized Ergonomic	\$0

HAND PEDAL ANGLE:		
<input type="radio"/> 65171	15 Degrees	\$0

POWER PLATE OPTIONS:		
<input type="radio"/> 65139	Omit Power Plates	\$0
<input type="radio"/> 65138	Power Plates	\$0



CRANK OPTIONS: <i>(See Diagram Below)</i>		
CRANK STYLE:		
<input type="radio"/> 65055	V Cranks	\$0
<input type="radio"/> 65056	S Cranks	\$0
CRANK LENGTH:		
<input type="radio"/> 65040	180mm Long	\$0
<input type="radio"/> 65042	190mm Long	\$0
<input type="radio"/> 65043	200mm Long	\$0
<input type="radio"/> 65045	210mm Long	\$0
CRANK WIDTH:		
<input type="radio"/> 65021	20" Wide	\$0
<input type="radio"/> 65025	22" Wide	\$0
<input type="radio"/> 65029	24" Wide	\$0



CHAINRINGS:		
<input type="radio"/> 65104	Triple 48-36-26 Compact 110	\$0
<input type="radio"/> 65106	Double 50-36 Compact 110	\$100

# Invacare® Top End® Force G™ Handcycle



CAMBER ANGLE:			
<input type="radio"/>	45002	3 Degree Camber	\$0
<input type="radio"/>	45004	9 Degree Camber	\$0

WHEELBASE: <i>(Front to Rear Axle) (See Definitions)</i>			
<input type="radio"/>	75014	Standard	\$0
<input type="radio"/>	75019	Extended	\$0

WHEEL SETS: <i>(See Definitions: Includes Front and Rear Wheels, Tires and Tubes)</i>			
WHEEL SET SIZE:			
<input type="radio"/>	50170	26" Front and Rear Wheels	\$0
WHEEL SET TYPE: <i>(See Exclusions)</i>			
<input type="radio"/>	50183	Omit Wheels & Axles, Build for 26"	-\$250 <i>(credit)</i>
<input type="radio"/>	50173	High Performance, 26" Front High Performance, 26" Rear	\$0
<input type="radio"/>	50174	Corima Aero Carbon, 26" Front Corima Aero Carbon, 26" Rear	\$2,600

BRAKING: <i>(see definitions) (see exclusions)</i>			
<input type="radio"/>	65084	Rim Brakes, Tektro	\$0
<input type="radio"/>	65082	Front Disk Brake	\$300
<input type="radio"/>	65083	Rim Brakes, Torq-Lite	\$375

SHIFTING PACKAGES: <i>(See Definitions)</i> <i>(Shifter and Brake mounted on Right Hand Pedal Only)</i>			
<input type="radio"/>	65224	Omit All Shifting Components	-\$240 <i>(credit)</i>
10 SPEED:			
<input type="radio"/>	65228	SRAM GX Trigger Shifting Package	\$0
		SRAM GX Shifter	
		SRAM GX Derailleur	
		Avid Brake Lever	
		Cable Driven Derailleur	
		11-36 Cassette	
<input type="radio"/>	65229	SRAM GS/GX Grip/Twist Shifter Package <i>(Left Hand Pedal mount available as a special)</i>	\$200
		SRAM GS Shifter	
		SRAM GX Derailleur	
		Avid Brake Lever	
		Cable Driven Derailleur	
		11-36 Cassette	

UPHOLSTERY:			
MATERIAL:			
<input type="radio"/>	30001	Nylon, Black Upholstery	\$0
BACK UPHOLSTERY:			
<input type="radio"/>	25064	Back Cushion	\$0
SEAT UPHOLSTERY:			
<input type="radio"/>	25063	Seat Cushion	\$0
<input type="radio"/>	25060	Hook and Loop Positioning Strap	\$0

ACCESSORIES:			
STANDARD:			
<input type="radio"/>	25067	Drafting Bumper	\$0
<input type="radio"/>	25072	Chain Guard <i>(half-moon, composite)</i>	\$0
<input type="radio"/>	25061	Safety Flag	\$0
<input type="radio"/>	25099	Mirror, Footrest Mounted	\$0
UPGRADABLE:			
SAFETY:			
<input type="radio"/>	25030	Extra Steering Dampener	\$15
<input type="radio"/>	25015	Safety Light, Front <i>(White)</i>	\$15
<input type="radio"/>	25016	Safety Light, Rear <i>(Red)</i>	\$15
<input type="radio"/>	25018	Helmet, Small/Medium	\$30
<input type="radio"/>	25019	Helmet, Medium/Large	\$30
<input type="radio"/>	25029	Tool and Tire Repair Kit	\$95
POSITIONING:			
<input type="radio"/>	60016	Leg Support, Amputee	\$75
<input type="radio"/>	25039	Leg Guard (Tire/Chain)	\$75
POSITIONING:			
<input type="radio"/>	25001	Click Strap, 8" Small	\$75
<input type="radio"/>	25002	Click Strap, 10" Medium	\$80
<input type="radio"/>	25003	Click Strap, 12" Large	\$90
PERFORMANCE ENHANCEMENT:			
<input type="radio"/>	25023	Crank Width Extensions <i>(not installed) (+1.5" of crank width per set)</i>	\$20
<input type="radio"/>	25024	Cordless Computer <i>(speed, distance, etc.)</i>	\$100
<input type="radio"/>	25022	Wheel Alignment Gauge	\$215
TRAINING:			
<input type="radio"/>	25033	Heart Rate Monitor	\$95
<input type="radio"/>	25006	Crutch Holder	\$150
<input type="radio"/>	25031	Wheel Bag	\$215
<input type="radio"/>	25025	Tow Bar for Wheelchair	\$225
<input type="radio"/>	25036	Indoor Stationary Roller	\$250
<input type="radio"/>	25037	Sportsrafter Mini Roller	\$350
<input type="radio"/>	25007	Bike Rack, Hitch 1-1/4"	\$550
<input type="radio"/>	25008	Bike Rack, Hitch 2"	\$600
HYDRATION:			
<input type="radio"/>	25021	Water Bottle and Cage	\$50
<input type="radio"/>	25020	Backpack Hydration System	\$130
APPAREL:			
<input type="radio"/>	25084	Lemon Yellow Top End T-Shirt	\$20
<input type="radio"/>	25085	Grey Top End T-Shirt	\$20
<input type="radio"/>	25086	Grey Top End Racer Back Tank Top	\$20
<i>Please select a size for your shirt selection:</i>			
<input type="radio"/>	25087	Extra Small	
<input type="radio"/>	25088	Small	
<input type="radio"/>	25089	Medium	
<input type="radio"/>	25090	Large	
<input type="radio"/>	25091	Extra Large	
<input type="radio"/>	25092	XX Large	
<input type="radio"/>	25093	XXX Large	

# Invacare® Top End® Force G™ Handcycle



FRAME COLOR:				
<input type="radio"/>	55018	Black	Wet Black	\$0
<input type="radio"/>	55019	Black	Black Prism	\$0
<input type="radio"/>	55017	Black	Stealth Black	\$0
<input type="radio"/>	55010	Blue	Midnight Blue	\$0
<input type="radio"/>	55011	Blue	Royal Blue	\$0
<input type="radio"/>	55012	Blue	Electric Blueberry	\$0
<input type="radio"/>	55023	Gray	Stealth Grey	\$0
<input type="radio"/>	55053	Green	Agriculture Green	\$0
<input type="radio"/>	55008	Green	Grasshopper Green	\$0
<input type="radio"/>	55054	Green	Neon Green	\$0
<input type="radio"/>	55006	Orange	Sunkissed Orange	\$0
<input type="radio"/>	55005	Orange	Simple Orange	\$0
<input type="radio"/>	55051	Orange	Neon Orange	\$0
<input type="radio"/>	55015	Pink	Bubblegum Pink	\$0
<input type="radio"/>	55057	Pink	Neon Pink	\$0
<input type="radio"/>	55055	Purple	Lilac Purple	\$0
<input type="radio"/>	55001	Red	Simple Red	\$0
<input type="radio"/>	55002	Red	Tangerine Red	\$0
<input type="radio"/>	55003	Red	Raspberry Red	\$0
<input type="radio"/>	55050	Red	Neon Red	\$0
<input type="radio"/>	55020	Silver	Silver Metallic	\$0
<input type="radio"/>	55016	White	White Snow	\$0
<input type="radio"/>	55007	Yellow	Safety Yellow	\$0
<input type="radio"/>	55052	Yellow	Neon Yellow	\$0
<input type="radio"/>	55066	Raw	Buffed Aluminum	\$350

FORK COLOR:				
<input type="radio"/>	55067	N/A	Same as Frame Color (Not applicable with 55066, must select 55044)	\$0
<input type="radio"/>	55041	Black	Wet Black	\$100
<input type="radio"/>	55042	Black	Black Prism	\$100
<input type="radio"/>	55040	Black	Stealth Black	\$100
<input type="radio"/>	55033	Blue	Midnight Blue	\$100
<input type="radio"/>	55034	Blue	Royal Blue	\$100
<input type="radio"/>	55035	Blue	Electric Blueberry	\$100
<input type="radio"/>	55046	Gray	Stealth Grey	\$100
<input type="radio"/>	55061	Green	Agriculture Green	\$100
<input type="radio"/>	55031	Green	Grasshopper Green	\$100
<input type="radio"/>	55062	Green	Neon Green	\$100
<input type="radio"/>	55029	Orange	Sunkissed Orange	\$100
<input type="radio"/>	55028	Orange	Simple Orange	\$100
<input type="radio"/>	55059	Orange	Neon Orange	\$100
<input type="radio"/>	55038	Pink	Bubblegum Pink	\$100
<input type="radio"/>	55065	Pink	Neon Pink	\$100
<input type="radio"/>	55063	Purple	Lilac Purple	\$100
<input type="radio"/>	55024	Red	Simple Red	\$100
<input type="radio"/>	55025	Red	Tangerine Red	\$100
<input type="radio"/>	55026	Red	Raspberry Red	\$100
<input type="radio"/>	55058	Red	Neon Red	\$100
<input type="radio"/>	55043	Silver	Silver Metallic	\$100
<input type="radio"/>	55039	White	White Snow	\$100
<input type="radio"/>	55030	Yellow	Safety Yellow	\$100
<input type="radio"/>	55060	Yellow	Neon Yellow	\$100
<input type="radio"/>	55044	Raw	Buffed Aluminum	\$200

Note: All Special requests are subject to approval, additional charges, and additional lead time

Special Request 1)	
Special Request 2)	
Special Request 3)	
Special Request 4)	
Special Request 5)	

**Invacare Corporation Top End Division**

All rights reserved. Trademarks are identified by the symbols ™ and ®. All trademarks are owned by or licensed to Invacare Corporation unless otherwise noted. Specifications and prices are subject to change without notification.

# Invacare® Top End® Force G™ Handcycle



HANDCYCLE SPECIFICATIONS:	
<b>Weight:</b>	35 pounds
<b>Turning Radius:</b>	18 feet for 360 degree circle, 12 feet on a 3-point turn
<b>Transfer Height:</b>	8" from ground with 2" cushion
<b>Frame Style:</b>	Ovalized 6061 T6 aluminum aircraft tubing with internal skeletal structure for stiffness
<b>Fork:</b>	Removable, travel ready, with adjustable cranks
<b>Propulsion / Shifting:</b>	Up to 30 speeds with choice of components
<b>Cranks:</b>	Optional fixed or adjustable
<b>Back:</b>	Adjustable angle from 55 to 90 degrees
<b>Footrest:</b>	Dual adjustable length, includes straps
<b>Hand Pedals:</b>	Ovalized ergonomic with frictionless bearings
<b>Brake:</b>	Caliper brakes standard, optional front disk brake
<b>Overall Length:</b>	86" overall length
<b>Camber:</b>	3 or 9 degree available
<b>Wheels:</b>	26" wheels with optional upgrades
<b>Axles:</b>	Threaded
<b>Tires / Tubes:</b>	26" clincher or tubular options
<b>Positioning Straps:</b>	Hook and loop positioning strap included
<b>Cushions:</b>	Seat and back cushion included
<b>Safety / Visibility:</b>	Flag, mirror and reflectors included
<b>Chain Guard:</b>	Black plastic half-moon shaped chain guard included.

DEFINITIONS:	
<b>Assembled vs Unassembled and shipping:</b>	If TE10046 (Unassembled) is selected the bike will require about 60 minutes of assembly upon delivery (instructions provided). If TE10047 (Assembled) is selected the bike will be fully assembled upon delivery. Shipping rate is \$150 for all shipments in the continental US. Freight quotes for shipments outside the continental US are available upon request.
<b>V Cranks:</b>	V cranks position the hand pedals at a more narrow width than S cranks, but provide less clearance with the user's torso and legs.
<b>S Cranks:</b>	S Cranks are recommended for positioning the hand pedals at shoulder width or larger. S Cranks provide the most clearance with the user's torso and legs.
<b>Wheelbase:</b>	Wheelbase is measured from the middle of the rear axle to the middle of the front hub. - Standard length = 57" - Extended length = 60"
<b>Wheel Sets:</b>	Wheel sets include a front wheel, two rear wheels with axles, tires and tubes. Wheel sets are not to be mixed and matched or broken out into individual wheel selections.
<b>Omit Wheels:</b>	When an omit wheels option is selected, the following will NOT be included. Front and rear wheels, tires tubes, and axles.
<b>Tektro and Torq-Lite Braking:</b>	Braking packages include a caliper and cables for the hand brake lever included in the shifting package and flip lever parking brake assembly.
<b>Disc Braking:</b>	Braking package includes a disc brake rotor, caliper, cables and a Tektro flip lever parking brake assembly.
<b>Omit Shifting:</b>	When selected, the shifter, chainring derailleur, cassette derailleur, cassette, friction shifter for brake caliper, chain and shifter cables will NOT be included. The hand pedals and fork will be made to accept trigger shifter components mounted on the right hand pedal. A hand brake lever, caliper and cables as well as a flip-lever parking brake will be included. The brand/style is determined by the braking option selected.

## Warranty Info:

Invacare warrants the frames and forks when purchased new and unused to be free from defects in materials and workmanship for a period of three (3) years from the date of purchase from Invacare or a dealer, with a copy of the seller's invoice required for coverage under this warranty. Invacare warrants the upholstered materials (seat and back) and remaining components of this product when purchased new and unused to be free from defects in materials and workmanship for a period of thirteen (13) months from date of purchase from Invacare or a dealer, with a copy of the seller's invoice required for coverage under this warranty

EXCLUSIONS:	
<b>Wheels and Disk Brake:</b>	When the front disk brake option is picked, either the High Performance or Corima Disk Brake compatible wheels must be chosen also.