

# Invacare Top End Force K Handcycle - UK Price List and Order Form

For accuracy of ordering, please fax order to Invacare Customer Service on 01656 776220  
or e-mail to: [ordersuk@invacare.com](mailto:ordersuk@invacare.com)

[www.topendwheelchair.co.uk](http://www.topendwheelchair.co.uk)



Provider name: \_\_\_\_\_ Account number: \_\_\_\_\_  
PO number: \_\_\_\_\_  
Phone number: \_\_\_\_\_ Fax number: \_\_\_\_\_  
Address: \_\_\_\_\_

Customer name: \_\_\_\_\_ Phone number: \_\_\_\_\_  
Address: \_\_\_\_\_  
Ship to:  Provider  Customer (Order will be shipped to provider unless otherwise noted)

DATE:

QUOTE

ORDER

Manual Sport Wheelchair  
January 2012

- Please indicate your choice with a cross in this square  
 Indicate that this option has no upcharge

Item	Description	Comments and/or non compatibilities information	Price
<input type="checkbox"/> FRCK	Top End Force K Kneeler Handcycle	Kneel position - Complete pages 1, 2, K1 and K2	£3,700
<input type="checkbox"/> FRCK	Top End Force K Double Amp Kneeler Handcycle	Kneel position - Complete pages 1, 2, DA1 and DA2	£3,700
<input type="checkbox"/> FRCK5	Force K Handcycle less front and rear wheels		£3,550

## CAD DRAWINGS

Race 101	CAD Drawings	E-Mail: _____@_____	POA
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## CUSTOMER DETAILS

Height:	<input type="radio"/>
Weight:	<input type="radio"/>
Disability:	<input type="radio"/>

## COMPONENTS CHOICES: SHIFTER / BRAKE / FRONT WHEEL DERAILEUR / CASSETTES PACKAGES

Choose either 9 speed standard or 10 speed option and then indicate all the information respectively for component choice.

### Standard: 9 speed

<input type="checkbox"/>	Std	SRAM® 9 speed Grip Shifter and SRAM® X.O. Derailleur / SRAM® Hollow Pin Chain		<input type="radio"/>
		Mounting position: Shifter / Brake Lever		
	<input type="checkbox"/>	Right handle (standard)		<input type="radio"/>
	<input type="checkbox"/>	Left handle		<input type="radio"/>
<input type="checkbox"/>	XLT64	SRAM® 9 speed Trigger Shifter and SRAM® X.O. Derailleur / SRAM® Hollow Pin Chain	Thumb and forefinger operated Super light weight, high quality	£132
		Mounting position: Shifter		
	<input type="checkbox"/>	Right handle mount	Left handle mount is not possible	<input type="radio"/>
	<input type="checkbox"/>	Right fork mount	Left handle mount is not possible	<input type="radio"/>
		Mounting position: Brake Lever		
	<input type="checkbox"/>	Right handle mount		<input type="radio"/>
	<input type="checkbox"/>	Right fork mount		<input type="radio"/>
	<input type="checkbox"/>	Left handle mount		<input type="radio"/>
	<input type="checkbox"/>	Left fork mount		<input type="radio"/>
		Front wheel cassette choice for 9 speed		
<input type="checkbox"/>	Std	SRAM® 11-34 (standard)		<input type="radio"/>
<input type="checkbox"/>	XLT58	SRAM® 11-23	Cassette with closer gear ratios - Not best for hilly terrain	£33
<input type="checkbox"/>	XLT59	SRAM® 11-26	Cassette with closer gear ratios - Not best for hilly terrain	£33

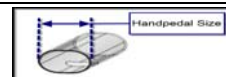
### Option: 10 speed

<input type="checkbox"/>	XLT79	SRAM® XX 10 speed Shifter and brake SRAM® X.X. Derailleur / SRAM® Hollow Pin Chain	Right handle mounted shifter and brake Fork mounted locking second brake	£598
		Front wheel cassette choice for 10 speed		
<input type="checkbox"/>	Std	SRAM® 11-36 (standard)		<input type="radio"/>
<input type="checkbox"/>	XLT82	SRAM® 11-28	Cassette with closer gear ratios - Not best for hilly terrain	£33
		Upper derailleur		
<input type="checkbox"/>	Std	Thumb shifter activated derailleur		<input type="radio"/>
<input type="checkbox"/>		Omit		<input type="radio"/>
		Chain ring choice		
<input type="checkbox"/>	Std	53-39		<input type="radio"/>
<input type="checkbox"/>		48-39-24		£66

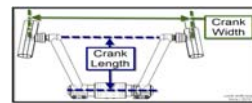
## HANDPEDAL SIZE

Handpedals are made of lightweight aluminium and are ovalized to precisely fit the hand. The bearing 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.

<input type="checkbox"/>	Standard	Medium handpedal size (1 3/4")		<input type="radio"/>
<input type="checkbox"/>	XLT72	Small handpedal size (1 1/2")		£50
<input type="checkbox"/>	XLT73	Large handpedal size (2 1/4")		£50
<input type="checkbox"/>	XLT56	Power plate upgrade	Flat aluminium plates welded at the lower end of the pedal	£33



<b>CRANK ARMS: TAPERED V CRANK (choose length and width)</b>				
Top End V crank set with integral pedal bearings are standard. Length of crank set depends on the length of the arms. To choose the width for the crank, consider the end user's shoulder width. The length of the crank set depends on the length of the arms. Most people choose 170 mm long and				
<b>Length in mms</b>				
<input type="checkbox"/>		190 mm	Length is measured perpendicular from the centre of the crank to the centre of the hand pedal spindle.	<input type="radio"/>
<input type="checkbox"/>		200 mm		<input type="radio"/>
<input type="checkbox"/>		210 mm		<input type="radio"/>
<input type="checkbox"/>		220 mm		<input type="radio"/>
<input type="checkbox"/>		230 mm		<input type="radio"/>
<input type="checkbox"/>		240 mm		<input type="radio"/>
<b>Width in inches</b>				
<input type="checkbox"/>		18" (approx. 457 mm)	The width is measured horizontally centre to centre to the point at the middle of the hand pedal.	<input type="radio"/>
<input type="checkbox"/>		20" (approx. 508 mm)		<input type="radio"/>
<input type="checkbox"/>		22" (approx. 559 mm)		<input type="radio"/>
<b>Extra crank arms</b>				
<input type="checkbox"/>	XLT46	Length: _____ Width: _____		£99
<b>PERFORMANCE UPGRADE</b>				
<input type="checkbox"/>	XLT60	SRM® Training System - Professional road State of the art measuring tool	Not available with 3 chainrings or a chainring less than 39 teeth. Power metre is integrated directly into the cranks.	£2,575
<b>WHEELS</b>				
	Standard	Threaded axles only		<input type="radio"/>
<b>Camber</b>				
<input type="checkbox"/>		Camber 3°		<input type="radio"/>
<input type="checkbox"/>		Camber 6°		<input type="radio"/>
<b>Rear wheels type</b>				
<input type="checkbox"/>	Standard	26" High Performance clincher wheels	With alloy rims and 14 gauge stainless steel spokes. 26" x 1" High Performance clincher tyre / tube 100 PSI	<input type="radio"/>
<input type="checkbox"/>	XLT75	26" Top End Carbon rim / stainless spokes	Tubular only - Composite rims - Spokes: 24 front and 20 rear	£1,360
<input type="checkbox"/>	XLT78	26" Top End/Spinergy® Carbon rim	Clincher only	£1,288
<input type="checkbox"/>	XLT77	Time trial package: Zipp disc rear wheels / 26" Top End Carbon front wheel	ZIPP disc rear wheels are tubular only Front wheel with carbon rim	£2,555
<input type="checkbox"/>	XLT67	Corima® AERO 26" Carbon rim	Tubular only - With carbon/graphite composite rim and stainless ovalized spokes	£2,266
<input type="checkbox"/>	XLT62	Build for 700C wheels		£391
<b>Tyres</b>				
<input type="checkbox"/>	XLT51	Continental® Grand Prix 4000 tyres	Clincher only	£91
<input type="checkbox"/>	XLT52	Continental® Sprinter tyres	Tubular only	£84
<b>SAFETY AND COMFORT OPTIONS</b>				
	Standard	Seat and back cushions		<input type="radio"/>
	Standard	Chain guard		<input type="radio"/>
	Standard	Drafting bumper		<input type="radio"/>
	Standard	Safety flag		<input type="radio"/>
<input type="checkbox"/>	XLT71	Tool and tyre repair kit	Incl. 22 tools in 1, a unique 3 piece design plus tyre patch kit, CO2 tyres inflators, tyre changing tools and tool bag	£56
<input type="checkbox"/>	XLT12	Mirror, legrest mount		£20
<input type="checkbox"/>	XLT63	Mirror, handle mount		£24
<input type="checkbox"/>	XLT13	Water bottle & cage		£24
<input type="checkbox"/>	XLT28	Backpack hydration system		£66
<input type="checkbox"/>	XLT141	Heart rate monitor		£66
<input type="checkbox"/>	XLT14	Cordless computer		£50
<input type="checkbox"/>	XLT15	Helmet		£50
	<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"/>	XLT16	Extra safety flag		£20
<input type="checkbox"/>	XLT6	Front safety light		£17
<input type="checkbox"/>	XLT7	Rear flashing light		£17
<input type="checkbox"/>	XLT33	Alignment gauge		£50
<input type="checkbox"/>	XLT40	Cable kit		£25
<input type="checkbox"/>	XLT74	Extra steering dampener		£11
<input type="checkbox"/>	XLT42	Indoor training roller		£170
<input type="checkbox"/>	TER126	Click-strap large	Pad length approx. 12"	£58
<input type="checkbox"/>	TER125	Click-strap medium	Pad length approx. 10"	£54
<input type="checkbox"/>	TER124	Click-strap small	Pad length approx. 8"	£51



<input type="checkbox"/>	RACE4	Wheel bag		£180
<input type="checkbox"/>	RACE20	Handcycle travel bag		£300
<input type="checkbox"/>	RACE13	Top End bike jersey		£62
	<input type="checkbox"/> L			
	<input type="checkbox"/> XL			
<input type="checkbox"/>	RACE22	Top End t-shirt		£9
	<input type="checkbox"/> L			
	<input type="checkbox"/> XL			
<b>UPHOLSTERY</b>				
	Standard	Black nylon upholstery and foam standard		○
<input type="checkbox"/>	UPHI1	Woodland Camouflage		£67
<input type="checkbox"/>	UPHI2	Digital Desert Camouflage		£88
<b>FRAME COLOUR</b>				
<b>Contemporary colours</b>				
<input type="checkbox"/>		Wet black		○
<input type="checkbox"/>		Black prism		○
<input type="checkbox"/>		White snow		○
<input type="checkbox"/>		Silver metallic		○
<input type="checkbox"/>		Stealth black		○
<b>Way cool colours</b>				
<input type="checkbox"/>		Royal blue		○
<input type="checkbox"/>		Midnight blue		○
<input type="checkbox"/>		Grasshopper green		○
<b>Too hot colours</b>				
<input type="checkbox"/>		Tangerine red		○
<input type="checkbox"/>		Raspberry red		○
<input type="checkbox"/>		Grape Madness		○
<input type="checkbox"/>		Safety yellow		○
<input type="checkbox"/>		Sunkissed orange		○
<input type="checkbox"/>		Bubblegum pink		○
<input type="checkbox"/>	P1	Two colours option		£88
	<b>Fork colour:</b>	_____		
	<b>Frame colour:</b>	_____		

#### ADDITIONAL INFORMATION & MEASURING GUIDE

<b>Frame:</b> Ovalized 6061-T6 aluminium aircraft tubing
<b>Removable fork:</b> 6061-T6 aluminium, super stiff with fixed crank height
<b>Frame design:</b> custom-made
<b>Wheelbase:</b> range 51"-56" (1.30 m - 1.42 m) depending on type of handcycle and customer disability
<b>Turning radius:</b> 18 feet for 360° circle, 12 feet with one backing manoeuvre
<b>Static tip angle:</b> 39° for 250lb/113Kg subject
<b>Propulsion system:</b> features a combination of Shimano and Top End components, 27 speeds, 48-39-24 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. 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. Thumb shifter activated derailleur for chainrings is standard. Customer can also omit and "finger" shift. Caution advised.
<b>Steering:</b> pivot steering and raked fork for controlled turning and stability
<b>Assembly:</b> shipped completely assembled except for rear wheels. Shipping weight is 65-70 lbs/29Kg - 31Kg.
<b>Warranty:</b> 3 year on frame and fork to original owner/limited parts warranty

Invacare Ltd: [www.invacare.co.uk](http://www.invacare.co.uk)

Pencoed Technology Park, Pencoed, Bridgend CF35 5AQ T: 01656 776220 F: 01656 776222

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