

xTc 853 - Order form

Frameset...

The THORN xTc 853 is available as **frame & fork only**

Frameset: FSA Orbit XL II headset (fitted) & all stainless screws.
531C fork in Cobalt Blue metallic (please choose frame size, options & colour) **xTc 853 frameset** £699.99 ☐

Individually hand built to your exact specification...

Please choose your desired frame size, options, frame colour & standard component options.

Complete Bike...

In Cobalt Blue metallic with silver decals.

- 9 speed Triple bar end shifter Shimano LX** £1199 ☐
9 speed Triple bar end shifter Shimano XT/Deore £1229 ☐
9 speed Triple bar end shifter Shimano XT £1339 ☐
10 speed Triple bar end shifter Shimano 105 £1249 ☐
10 speed Triple S.T.I. shifter Shimano 105 £1349 ☐
10 speed Triple S.T.I. shifter Shimano Ultegra £1499 ☐

Size & Colour

* = Please ☒ tick box required

Size **455 S** ☐ **490 S** ☐ **525 S** ☐ **560 S** ☐ **595 S** ☐
455 M/L ☐ **490 M/L** ☐ **525 M/L** ☐ **560 M/L** ☐ **595 M/L** ☐

Frame options **S&S couplings including cable joiners, fitted to xTc 853** + £350 ☐

Custom Paint Upgrades

4 week wait for all custom paint upgrades

Option 1.1 any single **Gloss, Metallic or Flam** colour + **Vinyl** graphics (colour choice) + £55 ☐:

Main colour _____

Graphic colour _____

Option 2.1 any single **Gloss, Metallic or Flam** colour + **Stencilled** paint graphics (stencilled graphics give a high quality finish & more colour choice) + £75 ☐:

Main colour _____

Graphic colour _____

Option 3.1 two colour **Gloss, Metallic or Flam** fade + stencilled paint graphics + £95 ☐:

Front colour _____

Rear colour _____

Graphic colour _____

Option 3.2 three colour **Gloss, Metallic or Flam** fade + stencilled paint graphics (as Sturburst but no airbrushing) + £115 ☐:

Front colour _____

Rear colour _____

Highlight colour _____

Graphic colour _____

Option 4.1 "Billiard Cue" + £105 ☐:

Main colour _____

Second colour _____

Option 6.1 "Full Retro" + £135 ☐:

Main colour _____

Second colour _____

Option 7.1 Starburst + £155 ☐:

Flame Starburst (red/yellow) ☐

Blue Starburst (several shades of blue) ☐

Green Starburst (several shades of green) ☐

Other _____

Option 8.1 anything you can think of + £POA ☐:
Please ask for "colouring book"

Bike Build-up options... Each bike is individually hand built from the frame up, to your exact specification, on our premises here in Bridgwater. We offer many upgrades and custom options as standard, and can accommodate most component requests... Talk to us now about your dream specification.

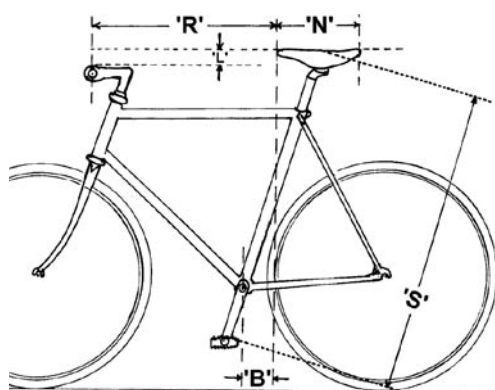
Set-up Dimensions

Standover Height = _____ mm

Height = _____ mm

Preferred riding position =

Relaxed ☐ Sporty ☐ Racing ☐ Upright ☐



Cycle must be on a level surface

The following dimensions will enable us to set up your New bike exactly like your favourite machine.

N = _____ mm

Overall saddle length & name of Saddle: _____

S = _____ mm

Distance from top of pedal (crank in-line with seat tube) to top of saddle, measured along the seat tube.

L = _____ mm

Distance from the bottom of a level straight edge placed on the top of the saddle to the top of the handlebar stem.

B = _____ mm

Distance that a plumb line (weight on a bit of thread) falls behind the centre of the bottom bracket when suspended from the tip of the saddle.

R = _____ mm

Distance from tip of saddle to the centre of the handlebars.

Note: The dimensions you send us must be accurate, otherwise this is a meaningless exercise... Get somebody else to check your measurements.

Invoice N°

Title: Mr / Mrs / Miss / Ms / Dr

First name _____

Surname _____

Address _____

Town _____

County _____

Postcode **Postcode** _____

Country _____

Telephone Number

Home _____

Work _____

Mobile _____

Email address

_____ @ _____



Call: 01278 441500
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issue: 03/03/2006

Please Note:- Occasionally some items become unavailable for long periods of time. We reserve the right to substitute items of similar (or greater) value where there will be no adverse difference in function. No surcharge will be made.

St John Street Cycles is a trading style of Thorn Cycles Ltd (incorporated in England 4121096 - registered office: St John Street Cycles 91-93 St John Street, Bridgwater TA6 5HX)

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Standard Components & Options (no pedals included)

* = Please ☒ tick box required

Headset - 1 1/8" threadless FSA Orbit XL II (aerospace bearings... currently **the best** available), silver

Wheels - 36 hole Shimano Deore LX M580 Parallax hubs (135mm rear O.L.N), 36 hole rims* Mavic[®] EX721 ☐ Mavic[®] XC717 ☐ Sun CR18 ☐ 2.0mm stainless steel spokes, presta valve inner tubes, Velox rim tape.
Pananacer tyres* **Hi Road 1.5"** (rigid bead) ☐ **Pasela Tourguard 1.75"** (rigid bead) ☐

Brakes - Shimano alloy cantilever brakes.

Stem - Thorn 1 1/8" alloy "front loading" threadless stem (length/angle + alloy spacers to suit)

Stem - Length _____ mm Angle° _____ (Internal use only)

Handlebars* ITM Europa anatomic alloy drop bars*
40cm ☐ **42cm** ☐ **44cm** ☐ (centre to centre),

Cork bar tape* **Black** ☐ **Tan** ☐ **Red** ☐ **White** ☐ **Mid Blue** ☐
Other colour (please ask): _____

Saddle* **Gents Gel** ☐ **Ladies Gel** ☐
Gents San Marco Rolls Classic ☐
Velo Crossbow womens (Liberator copy) ☐
Brooks Competition - 270g, alloy rails (NOT Leather) ☐

SKS P45 mudguards* **Silver** ☐ **Black** ☐

High quality brake + gear inner wires and outer cables, down tube cable stops.

Thorn alloy micro-adjustable seatpin.

Ping style bell.

Multi-Purpose Groupsets

9 speed Triple bar end shifter Shimano LX

> Shimano Dura Ace 9spd bar end shifters & Shimano R400 brake levers

> Shimano Deore M510 Hollowtech tapered square chainset* **22/32/44t** ☐ **26/36/48t** ☐ choice of crank length* **170mm** ☐ **175mm** ☐

> Shimano UN53 sealed bearing bottom bracket - 110mm / 68mm English thread

> Shimano LX M581 triple band-on front mech

> Shimano LX M580 SGS 9spd rear mech

> Shimano LX M580 9spd cassette 11-32t

> Shimano HG73 9spd chain

9 speed Triple bar end shifter Shimano XT/Deore

> Shimano Dura Ace 9spd bar end shifters & Shimano R400 brake levers

> Shimano Deore M510 Hollowtech tapered square chainset* **22/32/44t** ☐ **26/36/48t** ☐ choice of crank length* **170mm** ☐ **175mm** ☐

> Shimano UN53 sealed bearing bottom bracket - 110mm / 68mm English thread

> Shimano XT M761 triple band-on front mech

> Shimano XT M760 SGS 9spd rear mech

> Shimano XT M760 9spd cassette 11-32t

> Shimano XTR/Dura-Ace CN7701 9spd chain

9 speed Triple bar end shifter Shimano XT

> Shimano Dura Ace 9spd bar end shifters & Shimano R400 brake levers

> Shimano XT M760 Hollowtech II chainset* **22/32/44t** ☐ choice of crank length* **170mm** ☐ **175mm** ☐ **180mm** ☐ **26/36/48t** ☐ choice of crank length* **170mm** ☐ **175mm** ☐

> Shimano XT M760 Hollowtech II bearing cups - 68mm English thread

> Shimano XT M761 triple band-on front mech

> Shimano XT M760 SGS 9spd rear mech

> Shimano XT M760 9spd cassette 11-32t

> Shimano XTR/Dura-Ace CN7701 9spd chain

Multi-Purpose Groupset Options

Chainset Options - LX & XT/Deore Specifications ONLY

For a greater range of crank lengths and chainring sizes we can offer...
Thorn alloy 110/74mm PCD chainset (**NOT** compatible with drop bar S.T.I.)

Choice of crank length* **140mm** ☐ **145mm** ☐ **150mm** ☐ **155mm** ☐
160mm ☐ **170mm** ☐ **175mm** ☐

Choice of chainring size (**NOTE:** These sizes are NOT compatible with any type of S.T.I. system* **24/36/46t** ☐ **24/38/48t** ☐ **24/40/50t** ☐ **26/42/52t** ☐

Choice of chainring size (**NOTE:** These sizes are compatible with straight bar S.T.I. systems, but NOT compatible with drop bar S.T.I. systems* **24/34/46t** ☐ **24/36/48t** ☐ **24/38/50t** ☐ **26/40/52t** ☐

Multi-Purpose Groupset Upgrades

Drop Bar Options & Upgrades - For all Multi Purpose Groupsets

Drop bar upgrade from Shimano bar end shifters to Shimano S.T.I.
NOTE: This option **can only be selected** with a **26/36/48 chainset**.
Shimano[®] Tiagra St-4400 9spd S.T.I. shifters and a Shimano[®] Tiagra FD-4403 9spd front mech:
> When chosen with **Shimano LX** specification + £90 ☐
> When chosen with **Shimano XT/Deore & Shimano XT** specification + £85 ☐

> Shimano R600 Super SLR aero brake levers (longer lasting). (For all drop bar Multi Purpose Groupsets) + £23 ☐

Straight Bar Options & Upgrades - For all Multi Purpose Groupsets

Upgrade to straight style bars with V brakes... Please select one option from each of the three points below:

1. Please choose a V brake option*
> Shimano[®] Deore M510 V brakes and levers + £0 ☐
> Shimano[®] XTR M960 V-brakes front & rear... **THE BEST RIM BRAKE!** THORN **HIGHLY RECOMMENDED UPGRADE...** Heavy-duty parallel-push linkage design keeps the pads parallel with the rim giving excellent braking power, modulation and longer pad life. Cartridge pad system allows quick replacement requiring no adjustment. Including Shimano XT[®] M739S levers + £120 ☐

2. Please choose a Rapidfire Pod option*
> Shimano[®] Deore M510 Rapidfire Pods + £0 ☐
> Shimano[®] Deore LX M571 Rapidfire Pods + £15 ☐
> Shimano[®] XT M751 Rapidfire Pods + £25 ☐

3. Please choose a handlebar style*
> **Thorn alloy Comfort bars Mk1** - (designed in consultation with a senior physiotherapist) butted (3.0/1.8) 6061 T6 alloy, 18° (easy ± adjustment of reach simply by rotating the bars) + £0 ☐
> High quality alloy straight bars + £0 ☐
> Thorn Comfort bars Mk2 - New improved design - Designed in consultation with a senior physiotherapist. Double butted (1.8/3.0/1.8mm) 2014 alloy, 18° sweep. Extra wide 25.4mm centre section gives more room for attaching bar bags, computers & lights etc. (easy adjustment of reach simply by rotating the bars) + £10 ☐
> Thorn Carbon Comfort Bar - A supremely comfortable, lightweight, yet strong solo comfort bar. Carbon Kevlar wrapped 2014 butted alloy. Rise 60mm, ø25.4mm, width 605mm, 18° sweep, 0° upsweep, 175mm straight grip section per side, 210g. Extra wide 25.4mm centre section gives more room for attaching bar bags, computers & lights etc. (easy adjustment of reach simply by rotating the bars) + £40 ☐
> **Thorn Superlight Carbon Straight Bar**, 125g, ø25.4mm, width 565mm, 5° sweep + £30 ☐
> EASTON EC70 Composite XC Bar, ø25.4mm, width 580mm, 3° sweep, 125g + £55 ☐
> Thorn Carbon Anatomic carbon bar ends - perfect shape for a secure comfortable grip & only 44g each! + £50 ☐

> **All bars include comfortable handlebar grips.**

Road Groupsets

10 speed Triple Shimano 105 Components & Options

- > Shimano 105 (5603) Hollowtech II chainset 30/39/53 - choice of crank length* **170mm** ☐ **172.5mm** ☐ **175mm** ☐
- > Shimano 105 (5603) Hollowtech II bearing cups - 68mm English thread
- > Shimano 105 (5603) triple band-on front mech,
- > Shimano 105 (5600) GS 10spd rear mech.
- > Shimano 105 (5600) 10spd cassette **12-25** ☐ **12-27** ☐
- > Shimano 105 (5600) 10spd chain

10 speed Triple bar end shifter Shimano 105

- >> Using 10 speed Triple Shimano 105 Components - with Shimano Dura Ace 10spd bar end shifters & Shimano R400 brake levers.

10 speed Triple S.T.I. shifter Shimano 105

- >> Using 10 speed Triple Shimano 105 Components - with Shimano 105 (5600) 10spd S.T.I. levers

10 speed Triple S.T.I. shifter Shimano Ultegra

- > Shimano Ultegra 6600 10spd Triple S.T.I. levers
- > Shimano Ultegra 6603 Hollowtech II chainset 30/42/52t - choice of crank length* **170mm** ☐ **172.5mm** ☐ **175mm** ☐
- > Shimano Ultegra 6600 Hollowtech II bearing cups - 68mm English thread
- > Shimano Ultegra 6603 triple band-on front mech
- > Shimano Ultegra 6600 GS 10spd rear mech
- > Shimano Ultegra 6600 10spd cassette* **11-23** ☐ **12-23** ☐ **12-25** ☐ **12-27** ☐
- > Shimano Ultegra 6600 10spd chain

Upgrades

Drop Bar Handlebar Upgrades

Profile Lava OS (31.8mm) bars: **40cm** ☐ **42cm** ☐ **44cm** ☐ & Profile Lava OS (31.8mm clamp) stem 1 1/8" - 80 degree: **80mm** ☐ **90mm** ☐ **100mm** ☐ **110mm** ☐ **120mm** ☐ **130mm** ☐ + £80 ☐

Modolo Qrace **45cm centre to centre** alloy anatomic drop bars, black + £18 ☐

Stem Upgrades

> Thorn Carbon stem, front loading, 2 bolt faceplate, ± 6° flip-flop rise, takes ø25.4mm bar, 170g (110mm), Length: **90mm** ☐ **100mm** ☐ **110mm** ☐ **120mm** ☐ **130mm** ☐ + £50 ☐

> EASTON EA70 MTB Stem, Forged Aluminium, 2 bolt composite-friendly faceplate, replaceable hardware... no more stripped bolts! ± 6° flip-flop rise, takes ø25.4mm bar, 135g (110mm), Length: **90mm** ☐ **100mm** ☐ **110mm** ☐ **120mm** ☐ **130mm** ☐ + £50 ☐

Tyre Upgrades - per pair

> Panaracer Pasela Tourguard **folding** tyre with Aramid belt **26 x 1.75** (42-559) 435g + £15 ☐

> Panaracer Pasela Hi road Compe **folding** tyre **26 x 1.5** (40-559) 375g + £15 ☐

Wheel Upgrades

Rims

> Mavic XC717 Ceramic rims + £130 ☐

> Mavic EX721 Ceramic hole rims (per pair)..... **THORN HIGHLY RECOMMENDED UPGRADE** - ultra-hard-wearing with great heat dissipation qualities and greatly improves wet weather braking performance + £130 ☐

Hubs

> 36 hole Shimano XT M760 hubs with double butted spokes (135mm OLN) + £30 ☐

> 32 hole Shimano XTR M960 hubs + Revolution spokes (double butted on drive side) with alloy nipples (135mm OLN) + £165 ☐

> Schmidt Son dynamo front hub - 32 or 36 hole in silver, Busch & Muller Lumotec switchable halogen headlamp (without standlight), upgrade bulb for front use only & Highest Quality Thorn alloy headlamp bracket fitted to the fork crown... this will ensure a bar bag will not interfere with the beam **Thorn highly recommended** + £150 ☐

> As above but **black** Schmidt Son dynamo front hub (**Resists salt corrosion better**) + £170 ☐

> As above but **black** Schmidt Son dynamo front hub (**Resists salt corrosion better**) + £170 ☐

> Schmidt Son dynamo as above but upgraded to Lumotec Oval Plus halogen headlight with standlight, excluding Highest Quality Thorn alloy headlamp bracket + £0 ☐

Saddle & Seatpost Upgrades

Gents Saddles

> Fi'zi:k CP3 Nisene Titanium rails + £25 ☐

> Brooks B17 - black ☐ honey ☐ + £17 ☐

> Brooks Swift Titanium rails - black ☐ honey ☐ + £85 ☐

> Brooks B17 Titanium - black ☐ brown ☐ honey ☐ + £70 ☐

Womens Saddles

Note: many women find B17 & B17 Titanium very comfortable

> Brooks Finesse (womens) Titanium rails - black ☐ honey ☐ or maroon ☐ + £77 ☐

> Terry Liberator X womens saddle - black + £20 ☐

Seatposts

> Carbon seatpost, 400mm, micro adjustable alloy head, 250g. Saves a little weight and adds a small amount of comfort + £30 ☐

Suspension Seatposts

> USE XCR Alien (with layback) suspension seatpost - 64mm travel, 400mm length, including shim, silver, 358g + £90 ☐

Accessories

Front Carriers

Thorn steel lo loader, black £70 ☐

Rear Carriers

Blackburn MTN rear carrier black ☐ or silver ☐ £25 ☐

Blackburn EX1 Expedition rear carrier black ☐ or silver ☐ £30 ☐

Thorn steel expedition rear carrier, black £70 ☐

Pedals

SPD type

> Shimano (M324) SPD on one side and open cage on the other, combines the efficiency of the SPD system with the convenience of a platform pedal. Serviceable cup & cone bearings. 530g (inc cleats) £40 ☐

> Shimano (M520) SPD double sided pedals (inc cleats) £20 ☐

> Shimano LX (M540) SPD double sided pedals (inc cleats) £40 ☐

> Shimano M959 SPD double sided pedals (inc cleats) £75 ☐

Clip & Strap type

> MKS GR9 alloy platform pedals, including toe clips & straps - Please select a size* S ☐ M ☐ L ☐ XL ☐ £30 ☐

> MKS Sylvan alloy Rat Trap pedals, including toe clips & straps - Please select a size* S ☐ M ☐ L ☐ XL ☐ £28 ☐

Other pedals please specify: _____

Lighting

Cateye TL-LD1000 LED rear light - The most visible LED rear light we've seen! 10 super bright LED's, highly water resistant, 4 modes... including simultaneous flashing and constant mode! Run time: 50 hours (constant), 100 hours (flashing) £24.99 ☐

Accessories

- > **Original design Profile cage** "made exclusively for Thorn" **THE BEST EVER BOTTLE CAGE!** (Not to be confused with the current offering.) Great for touring, securely holds LARGE drinks bottles
..... Number required _____ x £6 each = £ _____ ☐
- > Composite MTN bottle cage, ultimate security and cleanliness
..... Number required _____ x £5 each = £ _____ ☐
- > **Ultimate bottle cage combination:** 2 x original design Profile Cages (seat tube & under down tube, for security and capacity) & 1 x Composite MTN bottle cage on top of down tube, for convenience £17 ☐
- > Thorn SuperLite Carbon Fibre Bottle Cage... 35g, securely holds 0.5 / 0.75L bottles £18 ☐
- > Thorn SuperSlick Full Wrap-Around Carbon Fibre Bottle Cage, 40g, securely holds 0.5/0.75L bottles £18 ☐
- > Zefal HPX pump, best quality ever, easy to obtain high pressure £20 ☐
- Cateye CC-MC100W Micro wireless cycle computer - 10 function, LED back light, very neat + reliable, no messy wires, fitted and set up ... £35 ☐
- Thorn alloy accessory bar, black: 50mm ☐ 100mm ☐ £14.99 ☐

Notes:

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