

# eXp - Order form

Frameset...

The THORN eXp is available as  
frame & fork only

Frameset: FSA Orbit XL II headset (fitted) & all stainless screws.  
531ST fork (please choose frame size, options & colour).  
eXp frameset £1199.99 ☐

Individually hand built to your exact specification...

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

Complete Bike...

**9 speed Triple bar end shifter Shimano LX** ..... £1799 ☐  
**9 speed Triple bar end shifter Shimano XT/Deore** ..... £1829 ☐  
**9 speed Triple bar end shifter Shimano XT** ..... £1939 ☐

## Size & Colour

\* = Please ☒ tick box required

Size **450 S** ☐ **475 S** ☐ **500 S** ☐ **530 S** ☐ **560 S** ☐ **590 S** ☐  
**450 M** ☐ **475 M** ☐ **500 M** ☐ **530 M** ☐ **560 M** ☐ **590 M** ☐  
**450 L** ☐ **475 L** ☐ **500 L** ☐ **530 L** ☐ **560 L** ☐ **590 L** ☐

Frame options **S&S couplings including cable joiners, fitted to eXp** ..... + £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) + £0 ☐ :

**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) + £0 ☐ :

**Main colour** .....

**Graphic colour** .....

**Option 3.1** two colour **Gloss, Metallic or Flam**  
fade + stencilled paint graphics + £0 ☐ :

**Front colour** .....

**Rear colour** .....

**Graphic colour** .....

**Option 3.2** three colour **Gloss, Metallic or Flam**  
fade + stencilled paint graphics (as Sturburst but  
no airbrushing) + £0 ☐ :

**Front colour** .....

**Rear colour** .....

**Highlight colour** .....

**Graphic colour** .....

**Option 4.1** "Billiard Cue" + £0 ☐ :

**Main colour** .....

**Second colour** .....

**Option 6.1** "Full Retro" **STANDARD OPTION**  
+ £0 ☐ :

**Main colour** .....

**Second colour** .....

**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.

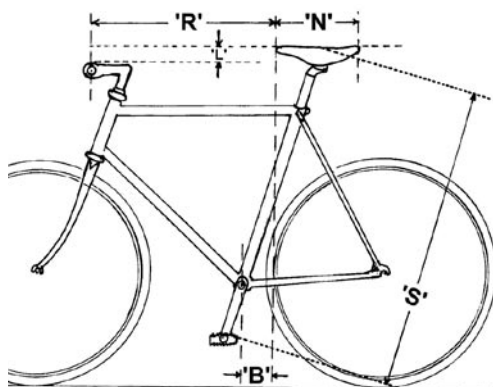
## Set-up Dimensions

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 sad-  
dle, 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**  
online: [www.sjscycles.com](http://www.sjscycles.com)

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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 ☐ Sun CR18 (Thorn Recommended) ☐, 2.0mm stainless steel spokes, presta valve inner tubes, Velox rim tape. Panaracer tyres\* **Hi Road 1.5"** (rigid bead) ☐ **Pasela Tourguard 1.75"** (rigid bead) ☐

**Brakes** - Suntour XC Pro front and Suntour SE XC (self-energising) rear cantilever brakes. Including Shimano XT M70R M-system complete cartridge system brake blocks 83X9801. These are the best rim brakes you could possibly use with drop bars on a heavily laden touring bike, no matter how much money you spent.

**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® 105 9spd S.T.I. shifters and a Shimano® 105 9spd front mech:  
> When chosen with **Shimano LX** specification ..... + £90 ☐  
> When chosen with **Shimano XT/Deore & Shimano XT** specification + £85 ☐

### 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 Carbon Anatomic carbon bar ends - perfect shape for a secure comfortable grip & only 44g each! ..... + £50 ☐

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

## Upgrades

### Tyre Upgrades - per pair

> Schwalbe Marathon XR **folding** tyre TravelGuard (HS359). THE EXPEDITION TYRE! ... **26 x 2.0** (50-559) 790g ☐ **26 x 2.25** (57-559) 890g ☐ ... with SKS P55 mudguards\* **Silver** ☐ **Black** ☐ ..... + £35 ☐  
> 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 ☐

## Drop Bar Brake Upgrades

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

## Drop Bar Handlebar Upgrades

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

## Wheel Upgrades

### Rims

> Sun Rhyno rims - in black, with ABT, wear indicators ..... + £20 ☐

> Mavic EX721 Ceramic hole rims (per pair)..... **THORN HIGHLY RECOMMENDED UPGRADE** - ultra-hard-wearing with great heat disipation 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 ☐

### Ultimate Expedition Wheels...

> 48 hole Shimano XT Tandem hubs (135mm OLN) - You must choose Sun Rhyno rims with this option ..... + £180 ☐  
> As above but with Schmidt Son front hub option (48 hole) ..... + £270 ☐  
> As above but **black** Schmidt Son dynamo front hub (Resists salt corrosion better) ..... + £290 ☐

> 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** ☐

> Upgrade to 36 hole Shimano XT M760 rear hub and double butted spokes front and rear (135mm OLN) **Thorn highly recommended** ..... + £14 ☐

> 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 - heavier, but really helps take out the big bumps ..... + £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

S-Sun LED Lights - The brightest 3 LED we've seen to date! 3 almighty bright LED's, deep waterproof to 20M, inc. 3 x AAA batteries (LR03). Run time: Steady - up to 50 hours, Flashing - up to 140 hours

> **S-Sun SS-L120 LED Focus Head Lamp.** All-weather visibility aid. Plenty of light for map-reading/repairs & it illuminates a very short distance ahead. Steady > Flash > Off, quick release handlebar mounting bracket ..... Headlamp £20 ☐

> **S-Sun SS-L120R LED Focus Tail Lamp.** Transparent red thermo-plastic casing glows brightly & is easily visible when viewed from any angle. Steady > Quick Flash > Slow Flash > SOS > Off. Quick release seatpost & seat stay mounting bracket ..... Tail Lamp £20 ☐  
> **S-Sun Headlamp & Tail Lamp set** ..... £30 ☐

> 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 ☐

> **Vista VO305 Nebula, 5 Super bright L.E.D's - Steady - 60 hours**, flash & chase - 300 hours, seatpin fitting ..... **£10** ☐

> 2 x **Vista VO305 Nebula, 5 Super bright L.E.D's - Steady - 60 hours**, flash & chase - 300 hours, fitted to your Thorn rear carrier with our LED bracket **£20** ☐

## 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: