

BUILD

3

THORN Club Tour Mk5 with 650b (27.5") wheels, derailleur gears and either straight or drop bars.

Builds 3a (straight bars) and 3b (drop bars)

Starting from around £2100

Issue 3

A Derailleur Club Tour, with 650b wheels, is a **superb multi-purpose bike for comfortable lightweight touring** on back country roads. The huge spread of gears that we provide with our wide range 30 speed set up gives riders confidence in their ability to tackle the steepest gradients - the no-nonsense build gives riders confidence in their bike's ability.

The Club Tour Mk5 with 650b wheels makes a superb Gravel Bike, or a fantastically comfortable bike for cyclists of every level of ability, who ride on today's broken roads.

With front carrier fitted, a Club Tour 650b is also more than capable of being used for **medium weight cycle camping**. With the requisite care, such adventures are possible on dirt roads.



SIZE 58L

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With 650b wheels there is only the option of having disc brakes front and rear, using the Thorn Mk3 Steel disc fork, which takes a 110 x 15mm Boost through axle.

The 650b disc rims we use can be run with tubed tyres or with tubeless tyres. A vast selection of modern tubeless tyres is now available. Choosing high quality, fat, lightweight tyres (especially tubeless tyres) will mitigate against the harsher ride that is inevitable with a disc fork.

Build 3a Club Tour 650b straight bars.

The bike is supplied with the appropriate **Thorn Mk3 110 x 15mm through axle Boost Steel Disc fork**, which is fitted with bosses for the direct fitting of mudguards and for attaching a front carrier if/when required. **Note:** a disc fork is always heavier and less comfortable than a V brake fork.

Wheels...Deore Boost (110 x 15mm through axle) centre lock HB6010, Converter centre lock to 6 bolt.

Or Son 110 x 15mm Boost 6 bolt disc dynohub. Ryde Rival 32h 650b disc rim. Deore black rear disc cassette hub. Converter centre lock to 6 bolt. Ryde Rival 32h 650b disc rim.

Tyres...For riding on sealed roads, choose 50mm Schwalbe Schwalbe G-One Speed tubeless tyres. For riding on dirt roads choose Schwalbe G-One Bite 54mm or 57mm Schwalbe G-One Allround. For more rugged use, choose Schwalbe Marathon Mondial 50mm. All tubeless options come with the necessary tape and sealant.

Brakes F&R...TRP Spyke cable operated disc brakes with TRP rotor. Levers...Shimano Deore

Bars...Thorn Flat Track Bars 580mm (or cut to suit). Grips...Ergon GP5L. Stem...Kalloy AS-021 UNO (or similar oversize stem) to suit customer's set up dimensions. Shimano Deore Rapidfire shifters.

Gearing...Exclusive Shimano Deore 48/36/26 chainset 170mm (or 175mm length to suit customer's dimensions) Shimano 10sp 11-36 cassette and a high quality chain.

Accessories...3 x Profile bottle cages, SKS black mudguards, Thorn Expedition rear carrier plus Thorn Lo-Loader front carrier (Option also for a Tubus Vega rear carrier, which saves weight and money but is not suited to expedition or very heavy touring, the neat installation of the superb Moon Pulsar rear LED light)

Saddle...Thorn Velo saddle, men's or women's (as appropriate) or option to have no saddle or upgrade to any other saddle stocked by SJS Cycles.

Build 3b Club Tour 650b dropped bars.

For those who prefer to have dropped handlebars, with a reasonably sporty position, we have similar options to those given in the straight bar options. Considerably more care and/or greater skill is required to ride on dirt roads with dropped bars, especially with camping loads.

Wheels, tyres , gearing, accessories and saddles are as the above straight bar build.

Brakes F&R...TRP Spyre cable operated disc brakes with TRP rotor.

Bars...44cm drop bars with appropriate stem. Shimano 105 ST-700 10sp STI shifters

You may specify the appropriate Son Dynohub instead of the listed hub, whichever specification you choose.



SIZE 61S

Here's an interesting bike - it's a size 61S Club Tour running on 650 x 57b Schwalbe G-One Allround tyres. These are the fattest tyres that will fit into the Mk5 Club Tour frames and still allow sufficient clearance for mudguards.

THORN CLUB TOUR Mk5 BIKE GEOMETRY

All dimensions except frame sizes are given in mm.

Frames include high quality FSA aerospace bearing headset and nice quality 27.2mm micro adjustable seat post.

MODEL	SIZE In cm	FRAME TUBE DIAMETERS	SEAT TUBE C to C	SLOPE	HEAD TUBE	VIRTUAL TOP TUBE C to C	BB Drop	SEAT ANGLE In degrees	CHAIN STAY	FORK OFFSET	MIDTUBE Standover HEIGHT	S/O at front of top tube
CLUB TOUR Mk5 650b REYNOLDS 725 Double butted Heat treated Cro-Mo frame & stays	50S	STANDARD OVERSIZED FRAME TUBES 28.6 top tube 28.6 seat tube 31.8 down tube 16 seat stays .9/.6/.9 gauge	410	90	109	530	70	74°	436	55	740	765
	50L		410	90	105	565	70	73.5°	441	50	740	765
	52S		440	80	125	540	70	73.5°	436	55	755	785
	52L		440	80	117	580	70	73°	444	50	755	785
	55S		480	70	154	550	70	73°	439	55	785	825
	55L		480	70	144	590	70	72.5°	447	46	785	815
	58S		520	60	188	560	65	73°	439	50	820	842
	58L		520	60	179	600	65	72.5°	450	46	820	842
	61S		560	50	214	575	65	72.5°	441	50	850	865
	61L		560	50	205	615	65	72°	453	46	850	865

Bike luggage carrying capabilities.

You can add a 2kg bar bag + up to 3 x 1litre (1kg) bottles.

Please note that it's our opinion that "relaxed sweet handling" is seldom achievable with a 2kg bar bag.

OVERALL WEIGHT LIMIT RIDER + LUGGAGE 130kg 120kg with 853 fork	FAIRLY GOOD QUALITY SEALED ROADS			ROUGH DIRT ROADS/OFFROAD With due care and attention		
	MAX POSSIBLE on FRONT AND REAR RACKS. Care may be needed out of the saddle.	RECOMMENDED MAX on FRONT and REAR RACKS for RELAXED, SWEET HANDLING	RECOMMENDED MAX REAR ONLY loads for RELAXED, SWEET HANDLING	MAX POSSIBLE on FRONT AND REAR RACKS. Care may be needed out of the saddle.	RECOMMENDED MAX on FRONT and REAR RACKS for RELAXED, SWEET HANDLING	RECOMMENDED MAX REAR ONLY loads for RELAXED, SWEET HANDLING
CLUB TOUR Mk5 650b (27.5")	40 Kg	25 Kg	20 Kg	30 Kg	20 Kg	18 Kg

Links to other documents.



[CLICK HERE](#)

For "THORN TOURING BIKE BIBLE"

This is a 24mb file; it may take considerable time for it to open

[CLICK HERE](#)

For "LIVING WITH a ROHLOFF HUB"

This is a 35mb file; it may take considerable time for it to open, please be patient.

All of our solo bikes are available in 4 colours - however, it's always the case that some colours in some sizes will sell out. The frames and forks are all ED coated and given a primer, before a coat of Du Pont Imron twin pack paint is applied and cured. A twin pack lacquer is then applied and cured. Our decals are now high quality self-adhesive decals and replacements are available. Please note that because Imron is twin pack, we can't supply touch up paint.

The 4 colours are as follows:

Gunmetal

(Deep lustre and tasteful)

BRG

(Glossy and stealthy)

Thorn Blue

(Tastefully bright)

Blood Red

(In your face and obviously quicker)