

BUILD	THORN NOMAD Mk3 with 26" wheels, Rohloff hub gears and either straight or drop bars.		
5	Buids 5a (straight bars) and 5b (drop bars)	Starting from around £3300	Issue 3

A Nomad Mk3 Rohloff with **26"** wheels is **the definitive expedition touring bike**.

The Nomad Mk3's intended use varies between being a general purpose bike for day to day use in the real world, to being literally capable of providing reliable transport on a self-supported round the world tour, travelling on any roads or trails that wheeled transport is capable of negotiating - and short sections that no other vehicle could negotiate - because you can always carry your bike!

IT'S OUR TAKE on the ULTIMATE BOMB-PROOF TOURING BIKE

This bike will carry all you could possibly wish to take on an expedition.

If you worry (needlessly in our experience) what you would do if you encountered problems with your hub, it will give you confidence to know that the Mk3 is capable of being fitted with derailleur gears.

The Mk3 is also equipped with a gate to allow you to fit belt drive (If you must have it!) once you've determined what spread of gears you need.



Clearly, this bike could have all manner of accessories added to make it perfect for whatever type of touring you choose.

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Build 5a Nomad Mk3 Rohloff 26" straight bars.

There's a choice between V brakes F&R, disc brakes F&R or having a rear disc brake and a V front brake.

We believe that for expedition touring, simplicity is paramount and so we advise most people to have the...

Thorn Standard Nomad Mk3 fork + V brakes F&R

this spec is listed below:-

Wheels...Deore Black front hub. Or Son 28 dynohub. Ryde Andra 30 32h 26" rim. OEM Black Rohloff disc rear. Andra 30 32h 26" Rohloff rim (Having a disc hub makes the wheels future-proof, if you decide to have a rear disc brake later on.)

Tyres...Schwalbe Marathon Dureme 2.0" tyres are perfect for almost every situation you could encounter. Schwalbe Marathon Almotion 26 x 2.15" tyres are an option for heavier duty use.

Brakes Shimano XT V brakes F&R. Levers...Shimano XT

Bars...Thorn eXp bars 680mm (or cut to suit). Grips...Ergon GP5L. Stem...Kallay AS-021 UNO (or similar oversize stem) to suit customer's set up dimensions. Rohloff gear shifter.

Gearing...Thorn black 104 BCD 170mm (or length to suit customer's dimensions) Thorn 40t single 104 BCD chainring (or customer's choice) Rohloff 17t splined sprocket. (or customer's choice). KMC Rohloff-specific chain.

Accessories...3 x Profile bottle cages, SKS black mudguards, Thorn Expedition rear carrier plus Thorn Lo-Loader front carrier (Option also for 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.

With the **Thorn Standard Nomad Mk3 fork** you could also choose to have a rear disc brake with a V front brake the spec and options are the same as on the left, except the rear brake is a TRP Spyke with a Hope Rohloff rotor. Black Rohloff disc rear hub. Andra 30 32h 26" Rohloff rim. Hope 160mm rotor for Rohloff.

If you decide that you want front and rear disc brakes with 26" wheels please be aware that there are no 26" disc rims that we consider suitable for expedition touring. However we can still oblige using a **Thorn Mk3 110 x 15mm through axle BOOST Steel Disc fork**, the spec and options are the same as the Standard fork spec on the left, except for the wheels and brakes. The only valid reason that I can see for having disc brakes on a true expedition bike, is if you wish to fit the 26" x 2.5" tyres that these frames will take. (The straddle wires of V brakes would foul such fat tyres) The comfort provided by such tyres would mitigate the effects of a less comfortable 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. Andra 30 32h 26" rim. Black Rohloff disc rear hub. Andra 30 32h 26" Rohloff rim. Hope 160mm rotor for Rohloff.

Brakes...**Front and Rear** TRP Spyke cable operated disc brakes, with TRP front rotor and Hope Rohloff rear rotor. Levers...Shimano XT.

Build 5b Nomad Mk3 Rohloff 26" drop bars

Whilst we would never wish to use drop bars on an expedition touring bike (not enough leverage in difficult situations) we can fit drop bars to the Nomad Mk3 Rohloff, provided you realise that the most relaxed position we could probably obtain would be considered to be fairly sporty.

With Drop bars we still recommend going for the simplicity of V brakes F&R using the **Standard Nomad Mk3 fork**. The spec is the same as above except for the brakes and the bars.

Brakes Shimano XT V brakes F&R.

Levers...Tektro drop bar V brake levers.

Bars...Van Nicholas 44cm dropped bars with black cork tape. Van Nicholas stem. Rohloff gear shifter.

With the **Standard Nomad Mk3 fork** you could still choose drop bars and also have a rear disc brake with a V front brake the spec and options are the same as on the left, except the rear brake is a TRP Spyre with a Hope Rohloff rotor. OEM Black Rohloff disc rear hub. Andra 30 32h 26" Rohloff rim. Hope 160mm rotor for Rohloff.

If you want drop bars with F&R disc brakes we use a **Thorn Mk3 110 x 15mm through axle Boost Steel Disc fork**, the spec and options are the same as the Standard fork spec on the left except for the wheels and brakes.

Wheels...Deore Boost(110 x 15mm through axle) centre lock HB6010, Converter centre lock to 6 bolt, Andra 30 32h 26" rim. Black Rohloff disc rear hub. Andra 30 32h 26" Rohloff rim. Hope 160mm rotor for Rohloff.

Brakes...**Front and Rear** TRP Spyke cable operated disc brakes, with TRP front rotor and Hope Rohloff rear rotor. Levers...Tektro drop bar V brake levers.

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

M6 stainless bosses for rear carrier.

Thorn stainless seat clamp and shim for supplied 27.2mm industry standard 400mm seat post

M5 stainless bosses for direct fitting of mudguards - also on chain stay bridge



High quality FSA aerospace headset



Thorn stainless guides for Rohloff or for derailleur cables.

Chunky reinforcing Gusset

400mm 27.2mm micro adjust post and 29.8mm shim

Removable Thorn CNC brake pivots for either 26" or 650b (27.5") rims

Thorn Nomad Mk3

All 8 tubes are cold drawn, heat treated seamless Cr-Mo. Tyre clearance for 26 x 2.5", 650 x 2.35b or 700 x 40c with disc brakes.

Size shown 55L

Thorn stainless guides for rear brake.

ISO disc mount

Stainless guides for Rohloff cables

3 sets of bottle bosses

M6 Stainless boss for headlight

Curved braces for extreme rear end strength

Stainless guides for Derailleur cables

M6 stainless bosses for Lo-Loader

2 x M5 Stainless bosses for direct fit M/G

M6 stainless bosses for M/G stays

Stainless ISO disc mount

Stainless coupling for provision for Gates Belt

Thorn Mk3 eccentric and stainless Mk3 eccentric shell

Thorn Mk3 Steel Disc Fork.
110 X 15mm Boost Through Axle

Thorn stainless socketed dropouts and alternative CNC inserts for Rohloff or for derailleur gears

Also available in 2 Step Through sizes

THORN NOMAD Mk3 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
THORN NOMAD Mk3 26" THORN 969 Seamless, Double butted Heat treated Cro-Mo frame & stays	40 S/T	MEGA OVERSIZED FRAME TUBES 31.8 top tube 31.8 seat tube 34.9 down tube 19 seat stays .9/.6/.9 gauge Inc shim to fit Industry standard 27.2 seat post	440 Centre to Top	Step Through frame 180mm Head Tube		545	55	74°	441	60		
	47 S/T		505 Centre to Top	Step Through frame 230mm Head Tube		580	50	73°	453	53		
	50S		400	100	105	535	55	74°	435	60	725	755
	50L		400	100	94	570	55	73.5°	453	53	725	755
	52S		430	90	127	545	50	73.5°	441	60	750	785
	52L		430	90	116	585	50	73°	459	53	750	785
	55S		470	80	154	555	50	73°	447	60	800	820
	55L		470	80	141	600	50	72.5°	466	48	800	820
	58S		505	75	182	570	45	73°	453	53	820	
	58L		505	75	172	615	45	72°	472	48	820	
	61S		540	70	211	585	40	72.5°	459	48	850	
	61L		540	70	208	635	40	72°	479	48	850	

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 160kg	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
NOMAD Mk3 26"	60+ kg	40 kg	30 kg	45 kg	32 kg	25 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)