



In 1962, Alex Moulton unveiled his revolutionary small-wheeled, full suspension bicycle. Fifty years and millions of rider miles later, we remain true to the original Moulton principles of small wheels and full suspension for comfort *and* speed; for the longest or shortest of rides on the smoothest or roughest roads. The Moulton TSR was launched in 2005 and for the 2015 we will be introducing some significant upgrades and improvements in the new Moulton SST.

Both TSR and SST will feature the essential Moulton 'ingredients':

- Iconic Moulton space-frame design, fillet-brazed construction in Columbus Spirit and Reynolds 525 CrMo steels.
- Moulton leading-link front suspension (with soft rebound stops, hex key adjustment)
- Moulton rubber-cone 'Monosphere' rear suspension, oversized rear pivot bearing.
- Unified rear fork with triple-crankset/compact clearance.
- Kingpin separability (hex-key operation).

Moulton SST features (improvements over Moulton TSR):

- Front stirrup dropouts in stainless steel.
- Stirrup block reduced in height to reduce weight, improve appearance.
- Dual-rate front suspension spring.
- Oversized rear fork pivot bearings - bearing surface increased by 150%.
- Vertical dropouts for derailleur gear in stainless steel - with patented 'cruciform' stiffness plates.
- Round-tapered chainstays to reduce weight and improve aesthetics.
- Lighter rear fork upright tube with new dual-adjustment (height and angle) front derailleur mount.
- Chainstay 'X-brace' reinforcement, with adjustable mudguard mount.
- In-line 31.6mm seat pillar.

The framekit weight (frame, fork, seat pillar, headset) is reduced by 250g to c. 4900g. The weight of the SST-22 model (without pedals) is 22lb/10kg. The SST is assembled in Bradford on Avon.

The SST-22 model is equipped with Campagnolo 2x11 transmission with custom-manufactured chainrings (58/44t) and rear sprockets (10-28t - Al/Ti/Fe CNC construction). The gear range is ideal for sportive and fast-touring use - 29-107".



Moulton SST-22	
Headset	Tange Seiki sealed, 1"
Front Hub	Moulton lightweight 28h (Ti q/r)
Rear Hub	Moulton lightweight 28h (Ti q/r)
Spokes	Sapim Laser DB/Force TB differential spoking
Rims	Moulton M406 28h
Tyres	Schwalbe Durano 1.125 (28-406) folding
Tubes	Schwalbe 20" presta
Crankset	Campagnolo Athena (polished alloy)
BB	Campagnolo Power-Torque
Brake Levers	Campagnolo Athena Ergopower
Brakes	Tektro 521AG DP calliper
Gear Lever F	Campagnolo Athena Ergopower
Gear Lever R	Campagnolo Athena Ergopower
Front Mech	Campagnolo Athena
Rear Mech	Campagnolo Athena
Rear Sprocket/s	Moulton CNC Al/Ti/Fe 10-28t
Chain	Wippermann Connex 11s (with link)
Pedals	none supplied
Seatpost	Moulton in-line AL 31.6 x 450
Saddle	fi'zi:k Antares black/silver
Handlebar Stem	AL 3D forged raised 90, 110 or 135mm
Handlebar	Deda Speciale 42 or 44
Handlebar Grips/Tape	Deda traforato tape (black)
Gear Range (inches)	29-107"
Frame Size	Suitable for inside leg 27-36"
Weight (no pedals)	22lb/10 kg
Mudguard Clearance	Up to 1.125" tyre section