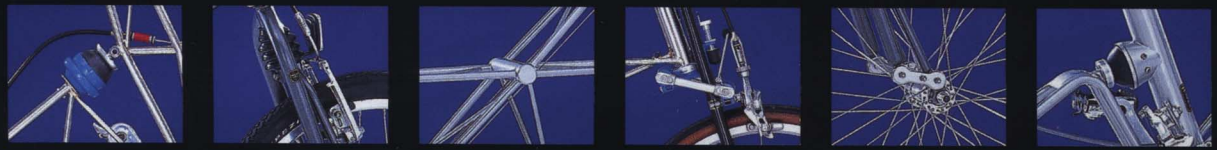
Moulton



THE ADVANCED ENGINEERING BICYCLE

portfolio

Moulton *fx8*

8 Speed

All the essential Moulton features in an affordable, lightweight package - the Moulton fx8 has introduced many people to the remarkable comfort and performance of the Moulton bicycle. Wide ratio 8 speed derailleur gears and high pressure road tyres. Leading link front suspension and rubber cone rear suspension. Kingpin separability optional.

Frame: Reynolds 531/ HT steel space frame, hand brazed, enamelled 'Flame Red'.

Suspension: Leading link front suspension, with adjustable damping and pre-load. Rubber monosphere rear suspension unit, self damping.

Components: Shimano/Stronglight transmission. 'V type' brakes. Schwalbe 100psi tyres. Polished alloy rims.





Moulton

DualDrive 24

24 Speed

Versatile Moulton for all-round performance on tracks, trails and tarmac. SRAM Dual-Drive wide range transmission combines the best features of hub and derailleur gear systems. 20x1.75" section tyres for on/off road use. 'V type' brakes provide reassuring stopping power. Kingpin separability optional.

Frame: Reynolds 531/ HT steel space frame, hand brazed, enamelled 'Graphite'.

Suspension: Leading link front suspension, with adjustable damping and pre-load. Rubber monosphere rear suspension unit, self damping.

Components: SRAM DualDrive /Shimano /Stronglight transmission. 'V type' brakes. Alex X-rims.





Moulton

R 18

18 Speed

Performance Moulton equipped for the road. 18 speed close ratio gearing with bar-end shifters for improved control. High quality component choice, detailed finishing. High pressure road tyres for low rolling resistance. Leading link front suspension. Kingpin separability optional.

Frame: Reynolds 531/ HT steel space frame, hand brazed, enamelled 'Titanium Silver'.

Suspension: Leading link front suspension, with adjustable damping and pre-load. Rubber monosphere rear suspension unit, self damping.

Components: Shimano/Stronglight transmission. 'V type' brakes. ITM handlebar. Alex DA16 black/CNC alloy rims.





Moulton

AM 18

18 Speed

The legendary Spaceframe Moulton bicycle. Ideal for fast touring and day rides. Original AM spaceframe construction, updated with the hydrolastic, fluid damped rear suspension unit, the Flexitor rubber in torsion rear pivot and the New Series quick-acting light alloy kingpin. Choice of standard or threadless headset. Three seat tube lengths to suit most riders - 19", 21", 25". Classic 17" Moulton wheels with 120psi tyres. Full range of luggage racks and accessories available.

The AM-18 is supplied to specialist Moulton dealers for bespoke building to customer specification. A typical complete bicycle is shown, with Shimano 105 equipment, STI levers and drop handlebars.





Moulton

New Series

9 Speed

The New Generation. The Flexitor front fork offers improved comfort and isolation from high frequency road shock. the rear Hydrolastic unit is adjustable to compensate for large carrier loads. The frame is separable via a central kingpin for transportation and stowage. Lightweight wheels and 120 psi tyres for outstanding performance.

Frame: Aerospace stainless steel space frame, silver-brazed, hand polished (or Reynolds 531, enamelled). Kingpin separability, front folk and rear triangle are also demountable for stowage.

Suspension: Two stage Flexitor front linkage (anti-dive) with soft lock-out. Hydrolastic rear unit (fluid damped, with load correction facility).

Components: Shimano Dura-Ace. Moulton Mosquito handlebar and Wishbone adjustable stem. Moulton/Hope hubs.





Moulton

New Series **SPEED**

9 Speed

The Ultimate Moulton for performance cycling and fast day rides. A highly developed update of the New Series Moulton, the SPEED features a light 'pylon' seat support structure and carbon fibre/Kevlar front fork blades to help reduce the overall weight to 9kg (20lb). Lightweight wheels and 120psi tyres complete the package.

Frame: Aerospace stainless steel space frame, silver-brazed, hand polished. Front fork and rear triangle are demountable for stowage.

Suspension: Two stage Flexitor front linkage (anti-dive) with adjustable soft lock-out. Hydrolastic rear unit (fluid damped, with load correction facility). Torsion rubber rear pivot (improving isolation, eliminating maintenance).

Components: Shimano Dura-Ace. Moulton Mosquito handlebar and Wishbone adjustable stem. Moulton/Hope hubs.





Moulton Suspension



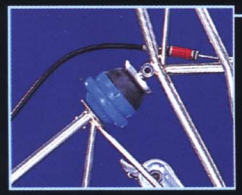
Flexitor®

Flexitor suspension utilises rubber elements in torsion to provide location, spring force and damping in a single unit. The Flexitor is outstanding in absorbing road shock as there is no static friction within the system - and there are no pivots to wear or seize.



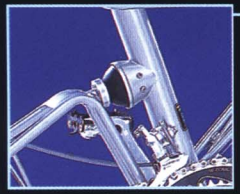
Leading Link

Leading Link suspension has a floating fork stirrup mounted ahead of a more conventional fork. The stirrup pivots on stainless steel leading links which impart steering control. A coil spring (within the steering column) acts on a bearing mounted on top of the stirrup. Ride height and damping are adjustable.



Hydrolastic®

Hydrolastic suspension uses a rubber cone spring compressed against a specially designed co-operating plate. Hydrolastic fluid is contained within the unit; when the rubber cone is compressed the fluid is passed to another reservoir through a precision valve. This regulation of the fluid provides additional damping.



Rubber Monosphere

Rubber Monosphere suspension is similar in principle to Hydrolastic. A 'dry' rubber cone spring (i.e. without the Hydrolastic fluid) is used. In operation, the hollow cone shape reacts to load the rubber in compression and shear, providing a smoothly rising spring rate.

Moulton Framesets



Framesets

Custom build? No problem. Framesets are available for most Moulton models, to be built up into complete bicycles by specialist dealers. All framesets include fitted headset and all the unique Moulton components required to complete your ultimate Moulton. Most wheel parts are also included in Moulton framesets, depending on model.

Race, time trial, triathlon, fast or expedition touring, commuting or simply leisurely riding - all of this is possible with a Moulton. Moulton specialists can advise on componentry choice for your intended use.

Framesets are available for New Series SPEED, New Series, AM18 and R18 models.

Moulton Bicycles For AM18 and New Series ***01225 865895*** For all other models ***01789 292263*** ***www.alexmoulton.co.uk***