

HOLDSWORTH

HANDBUILT FRAME SETS & BICYCLES



All Holdsworth Cycles and our considerable reputation are based on a philosophy – a proven formula – frame formulated performance.

A partnership of British craftsmanship and the finest materials.

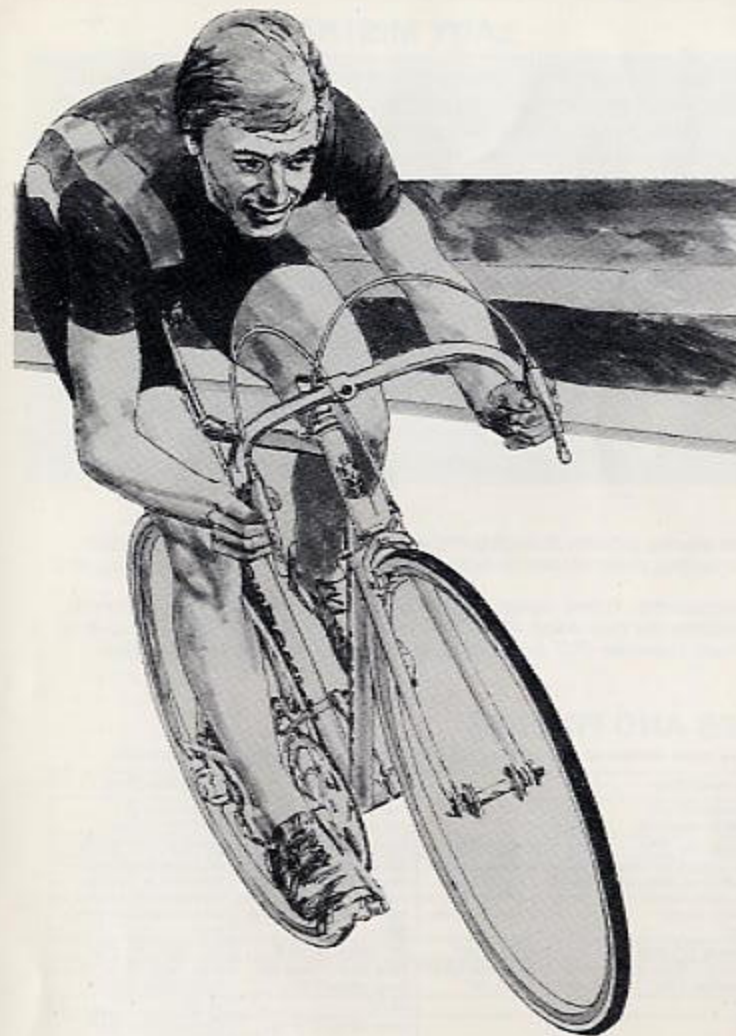
When you choose Holdsworth you are not buying a machine-made item of far eastern promise under a gloss finish; you will own a hand crafted frame designed and built for the purpose you have in mind. Each tube hand picked, fully mitred, then hand brazed under controlled temperature. We don't expect you to know that a badly mitred tube can result in misalignment during cooling – but our builders know. Each tube is contoured to match its neighbour within the lug joint – you won't see the advantage but it's in there, and you will appreciate how your Holdsworth bike handles in the tightest corner or that sudden situation all cyclists experience at some time.

The same attention is given to the forks – in our opinion the most crucial

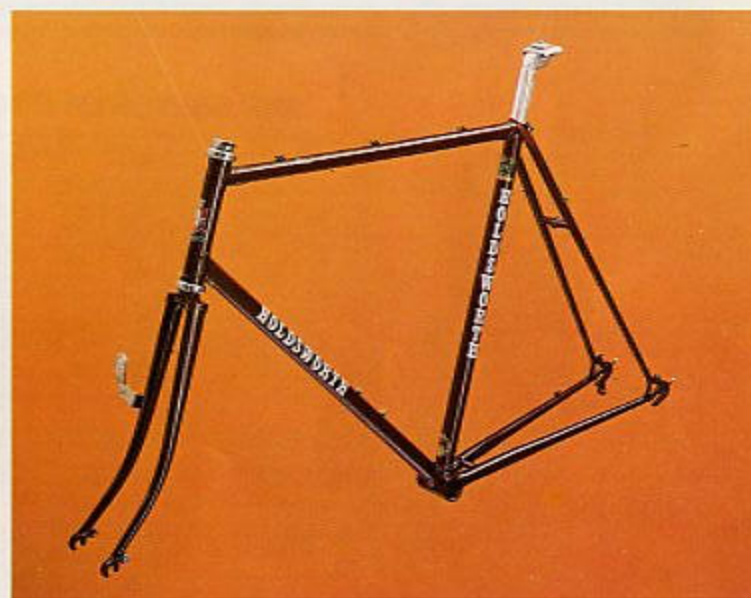
HOLDSWORTH BICYCLES & FRAME SETS

part of your cycle. Unlike many manufacturers Holdsworth never buy-in front forks. We make every pair from individual parts of the finest quality. If we state Campagnolo ends we use genuine Campagnolo forged and machined ends, and we hand braze them into Reynold's blades on an open gas and air forge – your life depends on the fork, and we never forget it. We also appreciate that the steering and control of a cycle demand a correctly designed and perfectly shaped fork. In all Holdsworth forks we fit straight blades and then set the offset and rake the blades into a matching pair. It takes more time of course but you will feel the difference and enjoy peace of mind.

With our reputation we can't take a chance with tube – all Holdsworth frames and forks incorporate Reynolds tube.



SPECIAL Designed for fast touring or responsive leisure riding the Special has an upright 73 degree parallel frame and can be used for competitive riding. Ideal for the experienced triathlete when assembled with suitable components. Hand built in 531 butted manganese molybdenum tube throughout, with clearance for 700c wheels or sprockets. This model is versatile and suitable for the rider with interests in more than one sphere of cycling.



MISTRAL A traditional British touring frame with comfortable 72 degree parallel angles and 41.5 inch wheel base to minimise fatigue even during a day-long ride. Built with Reynolds 531 5T butted throughout the Mistral has brazed eyes for rear and front low-rider carriers plus eyes for two bottle cages. There is clearance for 27 inch touring section tyres and mudguards.



ELAN

A superbly proportioned twelve speed racing or training cycle, and it looks as fast as it feels. Finished in Crystal pearl with white trim including eye catching white Kashimax Aero contoured saddle. Narrow Worthy Blue label tyres on Super Champion 'Gentleman' rims. Positive acceleration is achieved by linking solid forged one piece Super Apex cranks with Campagnolo gears and Regina Oro freewheel, fitted to a tight close clearance frame.

The Elan frame set made with Reynolds 531 butted main frame tubes and fork blades can also be purchased separately.

The Design and Specification of the Elan are ideal for the increasingly popular Triathlon events enabling athletes to enter the sport with a suitable cycle at a realistic price.



AVANTI 501

The first Holdsworth frame to be made with the revolutionary new '501' chrome molybdenum tubing from Reynolds. Every tube, including the fork blades, is butted, that is thick walled at the ends for brazing strength with thinner walled centres to reduce the weight. We have incorporated wide oval fork blades to increase rigidity and ensure positive handling.

The twelve speed cycle is finished in Pearl Red and assembled with many high quality alloy components including quick release hubs, high pressure rims, quill pedals and fluted micro adjusting seat pin. Suntour VX gears are linked with Regina close ratio freewheel. Tyres are narrow Worthy Blue Label with advanced technology nylon casing.

The Avanti 501 frameset with fork and headset fitted is also available separately.



PROFESSIONAL

A professional class road racing cycle of the highest calibre hand-built with the finest European materials and components available. The Professional twelve speed cycle is equipped with Campagnolo super record group, Cinelli bars, stem and saddle, Super Champion, Wolber etc. A magnificent all European specification.

The frame is described opposite and a detailed photograph of the head and crown is on the front of this brochure. The Pearl White finish with lug cut-out and transfers in black highlight the clear lines of this classic machine. Produced for the rider who needs and appreciates the best.

Tony Doyle, a World Champion cyclist and winner of Continental Sixes has chosen the Holdsworth Professional for his 1984 season.



COMPETITION A responsive and rigid road racing frame to the current European Geometry. The 74 degree seat angle, short top tube, 1.5 inch fork offset and short wheel base ensure a very tight specification. Hand built with the New Reynolds Competition set in 531 manganese molybdenum with double taper seat stays. Designed to ensure that the total effort generated by the rider results in acceleration and sustains speed, while retaining the handling capabilities necessary in top class competition.



PROFESSIONAL Made with Reynolds 531 professional tube, lighter gauge than 531 Competition and butted throughout in manganese molybdenum, a material which retains a higher tensile strength after brazing than chrome moly. Prugnat cut-out lugs, Campagnolo and Cinelli braze-ons. Totally responsive and reliable during all competitive situations.

MISTRAL



LADY MISTRAL



HOLDSWORTH TOURING BICYCLES

Holdsworth design, develop, and manufacture the famous range of Claud Butler touring bicycles including the very popular Dalesman and Ladydale. Many experienced riders, including those who have been involved in competitive cycling prefer to own a Holdsworth machine for their leisure riding and touring.

The Mistral and Lady Mistral are the finest traditional touring cycles made by Holdsworth. Frame design and material – 531 butted throughout – are as the Dalesman and Ladydale. Most components are similar but the Mistral also features the new Allez! ultra high pressure pump, Allez! silvertrim guards, Allez! Silvalite Alloy brazed carrier and the revolutionary G. B. Stelvio Reverse Trust Expander (R.T.E.) bends and stem, and two alloy bottle cages.

HOLDSWORTH CYCLES AND FRAMES

SPECIFICATIONS: Angles/dimensions/weights quoted are for frames in the middle of the size range. Smaller or larger frames will vary to provide acceptable overall geometry.

	AVANTI 501	ELAN	MISTRAL	LADY MISTRAL	SPECIAL	COMPETITION	PROFESSIONAL
Frame tubing	Reynolds 501 butted Chromoly	531 butted main tubes and forks	Reynolds 531 ST butted throughout	Reynolds 531 ST butted throughout	Reynolds 531 butted throughout	Reynolds 531 competition set	Reynolds 531 Professional set
Fork Ends	Sun Tour	Campagnolo 1010	Campagnolo 1010	Campagnolo 1010	Campagnolo 1010	Campagnolo 1010B	Campagnolo 1010B
Braze-ons	Cable guides to top tube, and under chainstay. Nylon under bracket guides, bottle cage bosses.	Cable guides to top tube and under chainstay. Nylon under bracket guides, bottle cage bosses.	Cable guides to top tube, bracket and chainstay. Lamp boss, bottle cage and rear carrier bosses.	Cable guides to bridge bracket and chainstay. Lamp boss, bottle cage and rear carrier bosses.	All usual cable guides. Bottle cage bosses. Campagnolo brazed on lever bosses to down tube.	All usual cable guides. Bottle cage bosses. Campagnolo brazed on lever bosses to down tube.	All usual cable guides. Bottle cage bosses. Campagnolo brazed on lever bosses to down tube.
Frame angles	73° head, 73° seat	73° head, 73° seat	72° head, 72° seat	72° head, 74° seat	73° head, 73° seat	73° head, 74° seat	73° head, 74° seat
Wheelbase	Rear 18.5", Total 40" Fork offset 2"	Rear 16.5", Total 39.75" Fork offset 1.75"	Rear 17.5", Total 41.5" Fork offset 2.25"	Rear 17.5", Total 41.5" Fork offset 2.25"	Rear 16.5", Total 39.75" Fork offset 1.75"	Rear 16.5", Total 39" Fork offset 1.5"	Rear 16.5", Total 39" Fork offset 1.5"
Bracket height	10.75"	10.75"	10.75"	10.75"	10.75"	10.75"	10.75"
Headset fitted	Thun	Allez	Allez	Allez	Allez	Living alloy 'O' ring	Campagnolo Super Record
Seat pin fitted	Strong N.S.1 fluted	Strong N.S.1 fluted	S.R. Laprade, 27.2mm	S.R. Laprade, 27.2mm	S.R. Laprade, 27.2mm	Campagnolo record 27.2mm	Campagnolo Super Record 27.2mm
Weight with fittings	lb: 6½ kg: 2.95	lb: 6½ kg: 3.06	lb: 7½ kg: 3.4	lb: 7½ kg: 3.5	lb: 7 kg: 3.2	lb: 5½ kg: 2.63	lb: 6½ kg: 2.92
Cycle Components							
Hubs	S.I.W. small flange alloy quick release 36 holes	S.I.W. small flange alloy quick release 36 holes	Campagnolo small flange quick release 36 holes	Campagnolo small flange quick release 36 holes	Campagnolo small flange quick release 36 holes	Campagnolo small flange quick release 36 holes	Campagnolo small flange quick release 36 holes
Rims	Mistral alloy 700C	Super Champion Gentleman 700C	Super Champion Mod 58 27" H.P.	Super Champion Mod 58 27" H.P.	Super Champion Gentleman 700C	Super Champion Profil sprint	Super Champion Profil sprint
Tyres	Worthy Blue label 700C H.P.	Worthy Blue label 700C H.P.	Worthy Gold label 27" H.P.	Worthy Gold label 27" H.P.	Worthy Blue label 700C H.P.	Wolber Strada 80	Wolber Strada 80
Freewheel	Regina Extra 14-15-16-17-18-19	Regina ORO 14-15-16-18-20-22	Regina ORO 14-17-20-24-28	Regina ORO 14-17-20-24-28	Regina ORO 13-14-15-17-19-21	Regina ORO 6 speed 13-14-15-17-19-21	Regina ORO 6 speed 13-14-15-17-19-21
Chainset	S.R. Alloy cotterless 42 x 52	S.R. Super Apex alloy 42 x 52	S.R. Custom alloy 32 x 50 teeth	S.R. Custom alloy 32 x 50 teeth	S.R. Custom 36 x 52	Campagnolo Super Record 42 x 52	Campagnolo Super Record 42 x 52
Chain	D.I.D. Lanner	D.I.D. Lanner	D.I.D. Lanner Gold	D.I.D. Lanner Gold	D.I.D. Lanner Gold	Regina ORO	Regina ORO
Gears	Sun Tour VX 12 speed	Campagnolo '980' 12 speed	Sun Tour 'Cyclone 2' 10 speed	Sun Tour 'Cyclone 2' 10 speed	Sun Tour 'Cyclone 2' 10 speed	Campagnolo Nuovo Record	Campagnolo Super Record
Pedals	M.K.S. AR Alloy quill	Lytard 82 alloy quill	M.K.S. Sylvan Alloy	M.K.S. Sylvan Alloy	M.K.S. Sylvan Alloy	Campagnolo Strada EL	Campagnolo Strada EL
Brakes	Weinmann 500/500	Weinmann 500/500	Weinmann '989' centre pull	Weinmann '989' centre pull	Weinmann 405	Campagnolo Record	Campagnolo Super Record
Saddle	Vitesse 300	Kashimax Aero	Brooks B17 STD	Brooks B17 STD	Isca 406 black	Cinelli Unica	Cinelli Unica
Bars and Stem	G.B. Avanti in Accord	G.B. Avanti in Biba	G.B. Stelvio rts	G.B. Stelvio rts	Cinelli 64 in 1A stem	Cinelli in 1A stem	Cinelli in 1A stem
Mudguards			Allez! Silver trim	Allez! Silver trim			
Pump	Frame fitting	Frame fitting	Allez! Ultra high pressure	Allez! Ultra high pressure	Allez! Ultra high pressure	Allez! Ultra high pressure	Allez! Ultra high pressure
Carrier			Allez! Silvalite alloy	Allez! Silvalite alloy			
Toe Clips	Chrome clips Allez! straps	Chrome clips Allez! straps	Chrome clips Allez! straps	Chrome clips Allez! straps	Chrome clips Allez! straps	Campagnolo clips, Binda straps	Campagnolo clips, Binda straps
Bottle Cage	Mira alloy	Mira alloy	Two Mira alloy	Two Mira alloy	Mira alloy	Mira alloy	Mira alloy
Weight complete	lb: 24 kg: 10.88	lb: 23 kg: 10.45	lb: 26½ kg: 12.01	lb: 27½ kg: 12.50	lb: 22½ kg: 10.2	lb: 21½ kg: 9.8	lb: 20½ kg: 9.3
Colours	Red Pearl	Crystal Pearl	Sable Brown or Golden Yellow Pearl	Sable Brown or Golden Yellow Pearl	Brilliant red flamboyant	Brilliant blue flamboyant	Pearl white with black trim
Sizes	21" 22" 23" 24" 25"	21" 22" 23" 24" 25"	21½" 22½" 23½" 24½" 25½"	20" 21½" 23"	19½" 21" 22" 23" 24" 25"	21" 22" 22½" 23" 23½" 24" 25"	21" 22" 22½" 23" 23½" 24" 25"

Holdsworth policy is one of continuous improvement, we therefore reserve the right to amend specifications without notice.

Your Holdsworth dealer is:



HOLDSWORTH

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Telephone: 01-659-1811



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