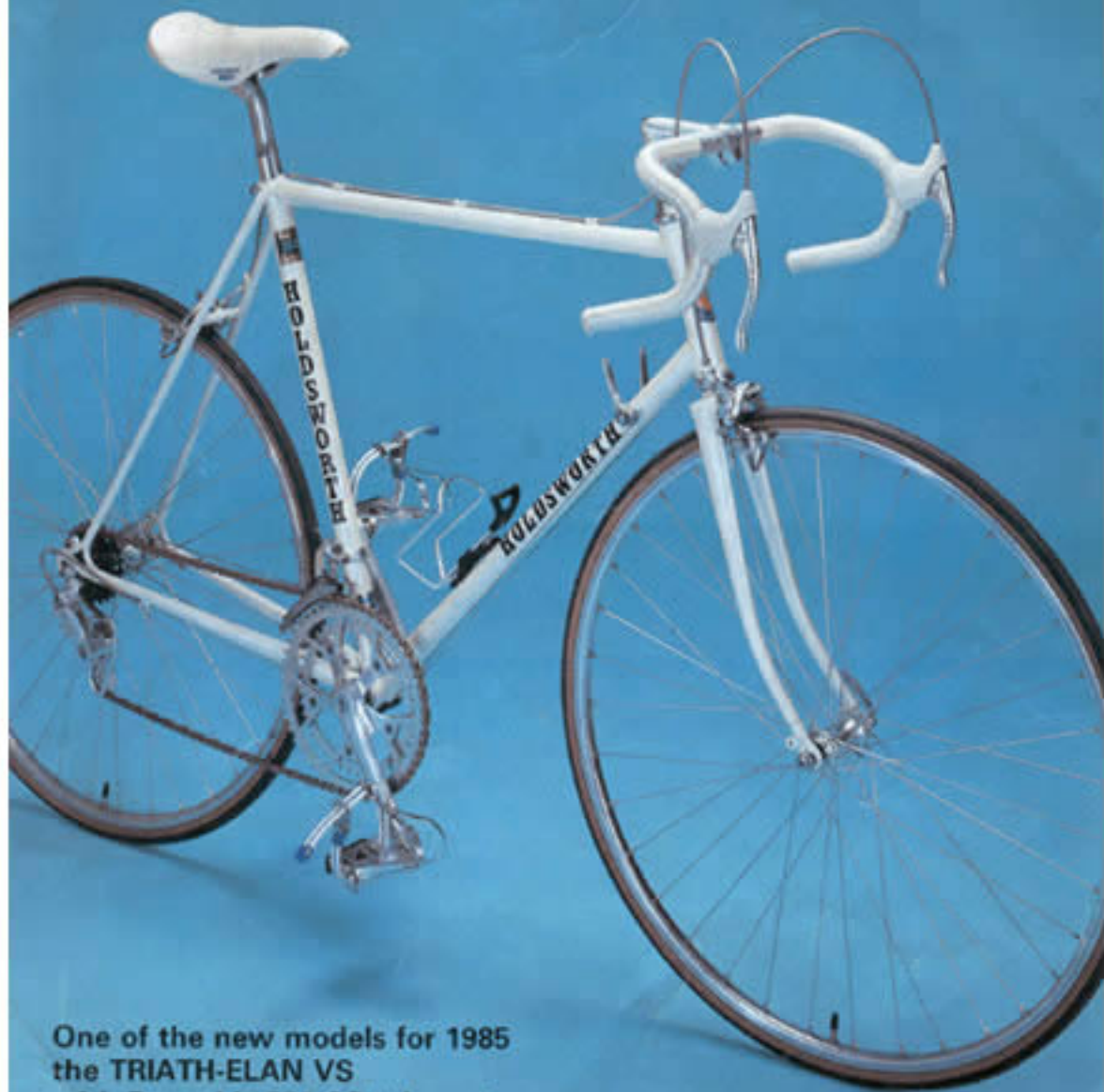


HOLDSWORTH

Handbuilt framesets and cycles

'Designed for winning'



One of the new models for 1985
the TRIATH-ELAN VS
with Reynolds 531 CS tube set
and complete VICTORY group set by

Campagnolo

TRIATH-ELAN VS

FRONT COVER. The cycle illustrated on the cover is the

The most exciting new Holdsworth model since the Professional was introduced for our exceptionally successful racing team. The Triath-Elan VS is based on the proven Triath-Elan frameset now upgraded by the use of Reynolds 531 CS butted tubing, and assembled with top quality components including the complete Victory group by Campagnolo; even the toe clips and straps are Campagnolo. Finished as the Professional, i.e. White Pearl with black trim — a racing machine of outstanding value at a relatively modest price.

Triath-Elan



TRIATH-ELAN - A superbly proportioned twelve speed racing or training cycle with response and performance usually associated with far more expensive machines. The tight, close clearance frame is made with Reynolds 531 CS butted tube incorporating rigid wide section chrome moly forks, and short chainstays for rapid acceleration. Contoured Aero saddle, short brakes, Worthy narrow Blue

Label tyres on alloy rims are among the components chosen to complete the Triath-Elan. This model was developed for use in American triathlons, a sport now growing rapidly in Great Britain. The Triath-Elan enables athletes to enter the sport with a suitable cycle at a realistic price.

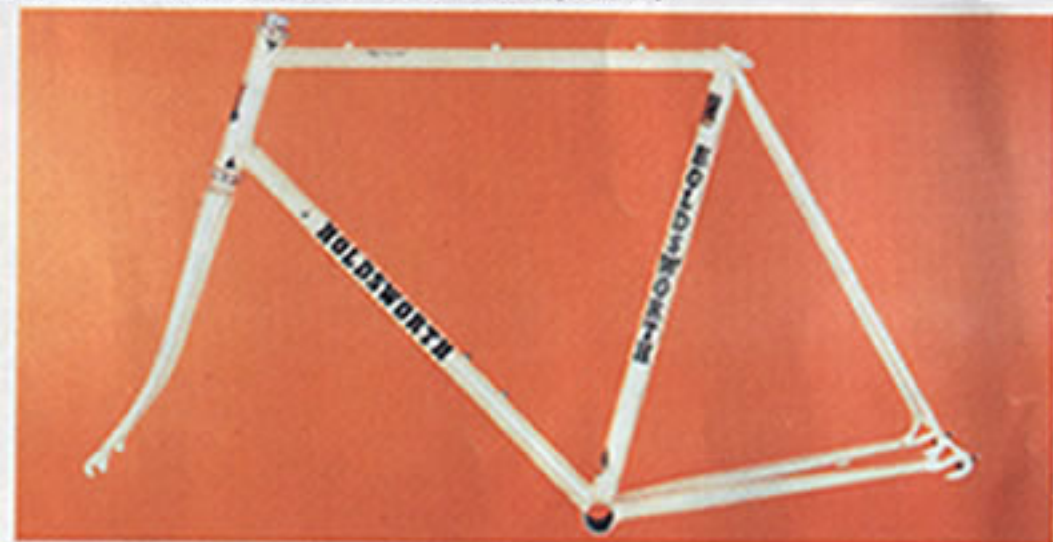
Professional



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 on the back page and full

details of geometry, materials, and components are listed in the specification panel overleaf. The Pearl White finish with leg cut out and transfers in black highlight the clear lines of this classic machine. Produced for the rider who needs and appreciates the best.

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.



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.

Chain
Gears
Pedals
Brakes
Seat-Pin
Saddle
Bars and Stem
Toe Clips and Straps
(23") Weight Complete
Colours

PROFESSIONAL
Reynolds 531 Professional set
Campagnolo 1010B
All usual cable guides. Bottle cage bosses Campagnolo brazed on lever bosses to down tube.
73" head, 74" seat
Rear 16.5", Total 39". Fork offset 1.5"
10.75"
Campagnolo Super Record
lb: 5.5 kg: 2.52

Campagnolo small flange record 36 holes
Super Champion Aspin Sprint 36H
Panaracer Legere tubulars
Regina Oro 6 speed 13-14-15-17-19-21
Campagnolo Super Record 42 x 52
D.I.D. Lanner Gold
Campagnolo Super Record
Campagnolo Strada EL
Campagnolo Super Record
Campagnolo Super Record
ISCA 406 Black
Cinelli 64 in 1A
Campagnolo/Allez!
lb: 20.5 kg: 9.3
White Pearl with Black trim
21", 22", 22½", 23", 23½", 24", 25"

FRAME:
Frame tubing
Fork ends
Braze-ons

Frame angles
Wheelbase
Bracket Height
Headset fitted
Weight complete
(23" frameset)

HOLDSWORTH BICYCLES

Every Holdsworth cycle is produced in our premises in South East London, using carefully chosen components assembled on frame and forks built in the same workshop, none are 'bought in' or 'sub-contracted'. Each frame and fork is hand brazed and all incorporate Reynolds '531' or '501'. All Holdsworth cycles are fitted with an appropriate type of WORTHY tyres, produced by one of the world's leading manufacturers. When replacing ask your dealer for WORTHY high performance tyres.



Avanti 501



AVANTI 501 The first Holdsworth frame to be made with the revolutionary '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 thin 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 seat pin. Suntour gears are linked with Suntour freewheel. Tyres are narrow Worthy Blue Label with advanced technology nylon casing. The Avanti 501 frameset with fork and headset fitout is also available separately.

Brevet



BREVET—Designed specially for the fast growing sport of AUDAX riding. The Brevet is also popular with commuters and "day-tour" riders. Built with 531 tubed tubing throughout the frame has a racing pedigree skillfully adapted to this new form of riding. Special brazed bosses on seat stays accommodate either carrier or rear lights and one on each fork blade accept front lowrider pannier or

twin front lamps, eliminating "wheel shadow". Transmission includes Sakae forged chain set and new Simplex touring mechanisms. Fast competitive wheels built with S.L.W. small flange quick release hubs in rigid alloy rims and fitted with narrow section Worthy blue label tyres.

HOLDSWORTH

Hand built framesets

When you choose Holdsworth 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; 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 from time to time.

The same attention is given to the forks — in our opinion the most crucial part of your cycle. We make every pair from individual parts of the finest quality. Forged and machined ends are hand brazed 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.

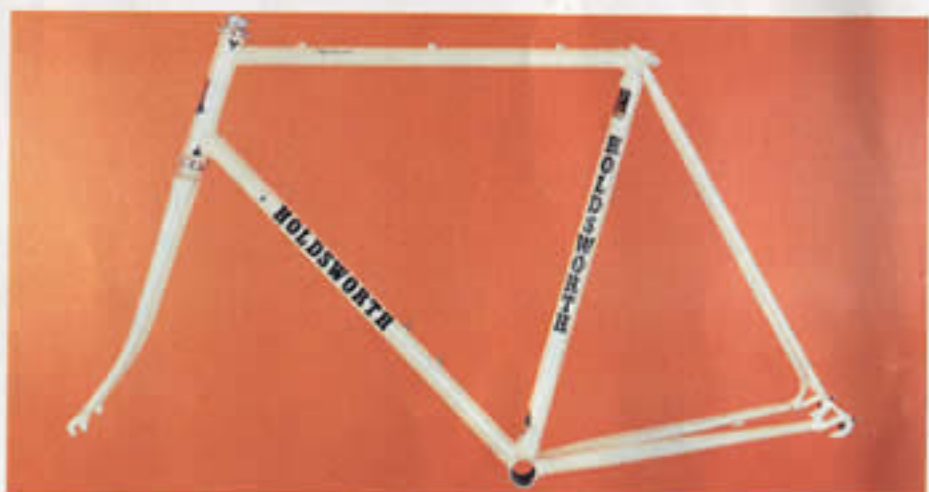
With our reputation we can't take a chance with tube — all Holdsworth frames and forks incorporate Reynold's tube.



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. Hand built in 531 butted manganese molybdenum tube throughout, with clearance for 700C wheels or sprints. This model is versatile and suitable for the rider with interests in more than one sphere of cycling. Ideal for the experienced triathlete when assembled with suitable components.



COMPETITION. A responsive and rigid road racing frame to current European geometry. 74 degree seat angle, short top tube, 1.5 inch fork offset and short wheel base ensure a very tight specification. Hand built with Reynolds Competition set in 531 manganese molybdenum with double taper seat stays. Designed to ensure 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.

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	TRIATH-ELAN	TRIATH-ELAN VS	BREVET	SPECIAL	COMPETITION	PROFESSIONAL
Frame tubing	Reynolds 501 butted Chromoly	Reynolds 531 CS butted throughout	Reynolds 531 CS butted throughout	Reynolds 531 C butted throughout	Reynolds 531 C butted throughout	Reynolds 531 C butted throughout	Reynolds 531 Professional set
Fork ends	Forged	Forged	Forged	Forged	Forged	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, Campagnolo lever bosses, bottle cage bosses.	All usual cable guides, bosses for carriers/lamps and bottle cage 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	73° head, 73° seat	72° head, 74° seat	73° head, 73° seat	73° head, 74° seat	73° head, 74° seat
Wheelbase	Rear 16.5". Total 40". Fork offset 2"	Rear 16.5". Total 39.75". Fork offset 1.75"	Rear 17.5". Total 39.75". Fork offset 1.75"	Rear 17.0". Total 40.25". Fork offset 1.75"	Rear 17.0". Total 40.25". 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!	Campagnolo Victory	Allez!	Allez!	Campagnolo Record	Campagnolo Super Record
Weight complete	lb: 6 kg: 2.95	lb: 5.75 kg: 2.6	lb: 5.75 kg: 2.6	lb: 6.125 kg: 2.8	lb: 6.125 kg: 2.8	lb: 5.75 kg: 2.63	lb: 5.5 kg: 2.52
Cycle components							
Hubs	Atom small flange alloy quick release 36 holes	S.I.W. small flange alloy quick release 36 holes	Campagnolo Victory 36H	S.I.W. small flange alloy quick release 36 holes		Campagnolo small flange quick release 36 holes	Campagnolo small flange record 36 holes
Rims	Rigida alloy AL 1320 700C H.P.22	Rigida alloy AL 1320 700C H.P.22	Rigida alloy AL 1320 700C H.P.22	Rigida alloy AL 1320 700C H.P.22		Super Champion Aspin Sprint 36H	Super Champion Aspin Sprint 36H
Tyres	Worthy Blue Label 700C Narrow Section	Worthy Blue Label 700C Narrow Section	Worthy Blue Label 700C Narrow Section	Worthy Blue Label 700C Narrow Section		Panaracer Legere tubulars	Panaracer Legere tubulars
Freewheel	Sun Tour 13-24 Six speed	Sun Tour 13-24 Six speed	Sun Tour 13-24 Six speed	Sun Tour 13-24 Six speed		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	Forged alloy cotterless 42 x 52	Campagnolo Victory 42 x 52	SR Alloy cotterless 36 x 50		Campagnolo Super Record 42 x 52	Campagnolo Super Record 42 x 52
Chain	Zenit Blue	D.I.D. Lanner Gold	D.I.D. Lanner Gold	D.I.D. Lanner Gold		D.I.D. Lanner Gold	D.I.D. Lanner Gold
Gears	Sun Tour 12 speed	Sun Tour ARX 12 speed	Campagnolo Victory 12 speed	Simplex 120/6 10 GT 12 speed		Campagnolo Nuovo . Record 12 speed	Campagnolo Super Record
Pedals	Lyotard 82 Alloy quill	Lyotard 82 Alloy quill	Campagnolo Victory	Lyotard 82 Alloy quill		Campagnolo Record EL	Campagnolo Strada EL
Brakes	Weinmann 500/500	Weinmann 500/500	Campagnolo Victory	Weinmann 605		Campagnolo Record	Campagnolo Super Record
Seat pin	Alloy fluted	Strong NSI fluted	Campagnolo Victory	Strong N.S.I. fluted		Campagnolo Record	Campagnolo Super Record
Saddle	Allez black racing	Allez! White Aero	Allez! White Aero	ISCA 406 Black		ISCA 406 Black	ISCA 406 Black
Bars and stem	G.B. Avanti in Accord	G.B. Avanti in Biba	G.B. r.t.e.	G.B. r.t.e.		Cinelli 64 in 1A	Cinelli 64 in 1A
Mudguards				Allez Silvertrim Narrow			
Pump				Allez! Self fit			
Carrier							
Toe clips and straps	Allez!	Allez!	Campagnolo Victory	Allez!		Campagnolo/Allez!	Campagnolo/Allez!
Bottle cage			Mira Alloy				
Weight complete	lb: 24 kg: 10.88	lb: 23 kg: 10.45	lb: 23 kg: 10.45	lb: 25 kg: 11.3		lb: 21.5 kg: 9.8	lb: 20.5 kg: 9.3
Colours	Red Pearl	Steel Blue Pearl	White Pearl with black trim	Bright Red Flamboyant	Pale Mauve Pearl	Campagnolo Blue Pearl	White Pearl with Black trim
Sizes	21", 22", 23", 25"	21", 22", 23", 24", 25"	21", 22", 23", 24", 25"	21 1/2", 22 1/2", 23 1/2", 24 1/2"	21 1/2", 22 1/2", 23", 23 1/2", 24 1/2"	21", 22", 22 1/2", 23", 23 1/2", 24", 25"	21", 22", 22 1/2", 23", 23 1/2", 24", 25"



SPECIAL NOTICE. Components stated are a general guide only. Although cycles are usually supplied as stated we reserve the right to amend without notice. Cycle orders are accepted subject to customer's acceptance of alternatives.

Colour and size options may change during the life of this catalogue.

HOLDSWORTH

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