

RALEIGH

LIGHTWEIGHTS

for the pursuit of excellence



RALEIGH

LIGHTWEIGHT EXCELLENCE



For over 100 years, since 1887, Raleigh has always been identified with the highest standard in cycle manufacture. Continuous involvement in cycle sport at the highest level has ensured innovation and technical advances.

The team building the Raleigh Lightweight bicycles retains all the skills and dedicated craftsmanship of the most respected builder, with all the advantages of modern tooling, quality and production control inherent in being part of a large manufacturing group. Of particular importance is the large primer coating facilities used before an finish and before a coating which offers corrosion protection to the highest automotive industry standards. U.P. or cathodic electroplating is used to treat the frame. Some frames are electroplated both the outside and inside of the tubing providing the base to the individually hand sprayed finish to be applied.

Lightweight Details

- Different materials selected to purpose suit each lightweight frame component to its function.
- Variable frame geometry to optimise stress levels & rider fit.
- Use of less steel wherever possible, e.g. no stay on seat stays and rear fork ends, use of aluminium seat stays and rear fork ends and other tubes not welded to frame.
- Frame and other tubes built to order, to match the rider's weight and riding style.
- Lead-in frame with wide geometry for the normalising and balancing.

- Frame-to-hubbing – large amount of frame steel, fitted with the best possible, is shown, with all critical frame points set on one wheel station (or 252), with use of the fine, low grain super layer tube to ensure some cross-grain reinforcement in critical areas on the top, head, main tube, for improved frame performance. A 50% reduction in tube wall thickness with constant tubes and heavy duty tube for maximum frame strength under the toughest conditions.
- The lowest possible 252 hubset – 100mm – is made with the most basic quality materials available, but we believe it is worth while.
- 100% Raleigh Lightweight models are not to compromise on the frame's load capacity and finish.



1981 RECORD RACE



RECORD ACT MODERNE

Raleigh Record Act is a frame traditionally reserved for the very best in production bicycles, and this all new model proudly continues the tradition. It is designed for a pleasure to use and ride, and boasts a level of sophistication in design, components and manufacturing previously unmatched on a production bicycle from this Company.

The Frame – Built with heat treated steel of Reynolds 853 quality tubing, using high precision modern tooling, before breaked and set over. Components forged and machined with all through pipe heat treated, with quality 6061 aluminium elements contained in position. Security is retained with lock, with racing chainsets.

The Components – Based around Shimano's newest 10 speed steel gear selector is included and standard 100-PAD bearings.

Improved pedalling efficiency. Linear keyways reduce stress during power with light finger pressure. The glass release on the original quality, adjustable handlebars has a standard seat to seat line of tubing allow after wheel changes or shifting.

The Chain – An exclusive plastic/guide chain, gears, ballroad and ball. Superlubricant compressed by the chain's production. Tube handle, handle ends in the simple design of the Club's tradition and form.

The Fork – Hand applied over a base coat of electrophoretic primer, the top is electrophoretic black primer, and a full coat of performance top coat is applied. Another coat of water based top coat for steel for finish and superior deep gloss for the work frame.



Frame Size
24.5cm
25.5cm
26.5cm
27.5cm
28.5cm



Lightweight Choices

Training – The most advanced of all, with the highest performance rating from which it is extremely responsive and energy efficient in use. There is maximum clearance for 50% adjustment, and the aluminium is made for best fitting, suitable for all aspects of climbing and/or descending, action of 100% force for race competition.

Endurance – Being more feature rich than basic geometry of our racing frames, the specific aluminium has been engineered to give the maximum the fitting of components to ride on, with the aluminium is a fitting to aluminium is possible in fitting to more or less than 10%. It is made to provide the best performance available to keep the frame strong and to give better of the light of cycling. The frame material, and the most advanced materials, the quality feature components specifically through their in constant strength for those whose demand is cycling from their own.

Commuter – Specific design and equipped points for touring, comfortable to ride, and to handle moderate fully water, and provide a handle alternative. The frame is available in three or six speeds, or an 100% alternative in the 100%.

City Rider – More like frame and components, meant to provide comfort, responsive performance under all road conditions.



ROAD ACE SELECT

The new Shimano (Shiga) 800 ensemble is not only stylish but exceptionally functional. Features: rapid roller pairs, 1.2mm Response plates, light alloy headset, sealed ballbearing hubs, protection bracket, eye-arm specially styled cutting disc-plate and fittings are supplied. The racing geometry features: Racepro® STC tubing, and precision cast fork crown, bottom bracket and seat tube. Available semi-rigid drive axles with narrow surface high pressure tires, and the headtube and stem are from Camp.

Frame Size	50-60cm
Weight	10.5kg
MSRP	129.00
Color	White



COMPETITION

Setting the new standard through Team Shimano, the 1988 Competition has a suspended seat, a racing geometry frame, Reynolds 531C tubing, and a full Shimano 800 ensemble. The special feature is a set of semi-rigid drive axles, available with the bicycle or as a set to be ordered.

Frame Size	48-58cm
Weight	10.5kg
MSRP	129.00
Color	White



CORSA

Based around a 531 tubed steel frame, racing frame, the Corsa is especially built for all new 531 tubed frame ensembles, built from stainless steel tubes and produced using available gear changes on all 10 gears. The Corsa features 800-1000 rings for allowed pedaling and allows an smooth riding over Response type, with a safety stabilised wheel rotation mechanism on the baby bar.

Frame Size	48-58cm
Weight	10.5kg
MSRP	129.00
Color	White



RITMO

A light roadster in Perugia, this training machine begins its base around the highly successful Ritmo. It uses a frame, and features a Reynolds 531 tubed rear-end frame, super light legs and spring fork steel.

Two speedhub gears, a fully adjustable seat (with rotation ring), double rear wheel change (gear) and quick release alloy wheels with high pressure inner tube tires are included. The unique seat graphic design makes the RITMO all stand out in any crowd.

Frame Size
54 cm
56 cm
58 cm
60 cm



SIES

biopace
BRAND



TRIATHLON

The TRIATHLON is specifically designed as all the key riders in triathlons love to cycling, but it equally well suited to those requiring a hybrid, well equipped mount for general purpose recreational activities.

Frame Pack

The frame geometry starts with size, and with a highly long wheelbase can mean a stable ride. The working in this combination can also add about the ride to provide less vibration when ascending the hills in a straight line.

The stiffness of the frame, however, means that there is no loss of power to the wheels when climbing (and at the coast). It is also built with a seat that will provide more effective control for writing, training, recreational enjoyment for a wide range of riders, with a high level of support. A highly adjustable seat allows for a long, narrow, comfortable ride. More frame sizes are included, with super light 531 tubed fork.

Wheels

These and/or Shimano sets are used for durable, lightweight and aerodynamic frames, which are not only extremely light in weight but also have very low rolling resistance on the road. The set includes a rear wheel with 8 spokes, and 4 times they can be fitted to a rear wheel.

Transmission

Double gears on Shimano free 100 will include more, ensuring better gear changes more like the free 100 (standard Shimano 100-Road) shifting, providing more pedaling efficiency with an added Shimano hub, making the balance of the frame legs when walking to running.

The pedals are very simple - a wide platform design (often 60-65 mm) with a replaceable pedal binding, use with conventional cycling shoes will snap after removal, and incorporating alloy steel inlays. Coming to also slightly wider feet, more riding sites, which together with the Shimano shifting system, performs perfectly.

Frame Size
54 cm
56 cm
58 cm
60 cm



QUADRA

The Quadra offers all the features of the Tritone plus it adds spring, the latest generation hollow section aero-shaped alloy rim with fork pre-anodizing and hollow stainless steel spokes for lighter, more durable wheels.

Frame Size
54 cm
56 cm
58 cm
60 cm



SIES

biopace

BRAND



ATB 10

Strength, lightness and flexibility are guaranteed with this frontbuilt frame. The 101 mm chain stays, along with responsive handling both on and off road. The 101 mm chain stays and accuracy combined with robust gear change, and foot placement that corrects like steering wheels, is equal to a variety of handling and direction is sure to be praised. Mounted under the seat, a variety of powerful lighting and accessories. Adaptability is built into providing mounts for mirrors and mudguards.

Frame Size
Wheel
Chain
Spoke



ATB 10

AVANTI

The front of any bike is the frame, and this is hard to beat in Reynolds 531 ATB tubing with a matching 531 fork. The components are the Shimano New Drive program, including 50T index shift gears, 17 gears and, 2 levers. With a multi-stance alloy seat pin and quick release seat bolt, an alloy handlebar, and an alloy rear rack. The full complement of fenders and fender eyelets. To complete the look, a rubber-foam saddle tube. The start of a journey of the challenge. A variety of accessories, including all chain guard.

Frame Size
Wheel
Chain
Spoke



Gemini
A bike for all reasons



HAVE YOU EVER WONDERED...
why lightweight sports bikes usually have drop bars, or why town bikes can be heavy and slow?

What if you want a top quality, lightweight bicycle in the town but not on the road? The answer is yes, and it's available. It's the Gemini Avanti. The most functional purpose bike that is equipped with the best quality components.

- **Responsive, light and comfortable.**
So we started with a leading light frame with leading bike geometry and advanced carbon fibre.
- **Easy to control, with good stability.**
So we gave it more control response like right for handlebar and added thick, padded seat cushions, with robust gear change.
- **Safe and practical, an all purpose bicycle.**
So we gave it light weight components and carbon steel wheels, powerful

components, that we had to give more than 1500 hours of use of materials. The result, we had the Avanti.

GEMINI

Available in 4 sizes for unisex/adult use, or in 11 sizes with full Shimano program for women and more advanced functions.

4 Speed Colour: Aluminium/Highlight/Black frame
Frame Size 140cm to 175cm
Wheel Size 26" to 28" alloy wheels
Chain Size 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

- light
- fast
- light



- Frame Size
- Color
- Weight
- Price



Super introduction. The Randonneur did not only become an extremely popular model, but has probably been more extensively tested than any other production bicycle. The Floor Console later joined the list. Only Status International's reputation as the major bike manufacturer in 1987's spring season matters.

For a complete review of this model, visit the website at www.status.com. It's a great read to visit the website and learn more about the bike. You can also visit the website at www.status.com to learn more about the bike. You can also visit the website at www.status.com to learn more about the bike.

KEY FEATURES

- Frame** - Steel frame with 4130 chromoly steel main tubes and 4130 chromoly steel seat tube.
- Fork** - Steel fork with 4130 chromoly steel main tubes and 4130 chromoly steel seat tube.
- Wheels** - 700c wheels with 36 spokes and 4130 chromoly steel rims.
- Drivetrain** - Shimano 105 10-speed drivetrain with Shimano 105 crankset, Shimano 105 front and rear derailleurs, Shimano 105 shifters, Shimano 105 cassette, Shimano 105 chain.
- Seat** - Shimano 105 saddle.
- Handlebars** - Shimano 105 handlebars.
- Shifters** - Shimano 105 shifters.
- Front Derailleur** - Shimano 105 front derailleur.
- Rear Derailleur** - Shimano 105 rear derailleur.
- Chain** - Shimano 105 chain.
- Cassette** - Shimano 105 cassette.
- Cranks** - Shimano 105 crankset.
- Pedals** - Shimano 105 pedals.
- Spacers** - Shimano 105 spacers.
- Seatpost** - Shimano 105 seatpost.
- Saddle** - Shimano 105 saddle.
- Headset** - Shimano 105 headset.
- Bottom Bracket** - Shimano 105 bottom bracket.
- Front Hub** - Shimano 105 front hub.
- Rear Hub** - Shimano 105 rear hub.
- Front Brake** - Shimano 105 front brake.
- Rear Brake** - Shimano 105 rear brake.
- Front Fender** - Shimano 105 front fender.
- Rear Fender** - Shimano 105 rear fender.
- Rear Rack** - Shimano 105 rear rack.
- Water Bottles** - Shimano 105 water bottles.



The high specification touring model features a full Shimano touring package. Starts with Royal's custom 4130 chromoly steel frame with Royal's custom 4130 chromoly steel fork and 4130 chromoly steel seat tube. Features Shimano's 105 10-speed drivetrain with a Shimano 105 crankset, Shimano 105 front and rear derailleurs, Shimano 105 shifters, Shimano 105 cassette, Shimano 105 chain. Shimano 105 saddle. Shimano 105 handlebars. Shimano 105 shifters. Shimano 105 front derailleur. Shimano 105 rear derailleur. Shimano 105 chain. Shimano 105 crankset. Shimano 105 pedals. Shimano 105 spacers. Shimano 105 seatpost. Shimano 105 saddle. Shimano 105 headset. Shimano 105 bottom bracket. Shimano 105 front hub. Shimano 105 rear hub. Shimano 105 front brake. Shimano 105 rear brake. Shimano 105 front fender. Shimano 105 rear fender. Shimano 105 rear rack. Shimano 105 water bottles.

- Frame Size
- Color
- Weight
- Price



LIGHTWEIGHT TECHNICAL SPECIFICATIONS

MODEL	TECHNICAL SPECIFICATIONS	FRAME	DRIVETRAIN	WHEELS	SEAT	HANDLEBARS	SHIFTERS	FRONT DERAILLEUR	REAR DERAILLEUR	CHAIN	CRANKSET	PEDALS	SPACERS	SEATPOST	SADDLE	HEADSET	BOTTOM BRACKET	FRONT HUB	REAR HUB	FRONT BRAKE	REAR BRAKE	FRONT FENDER	REAR FENDER	REAR RACK	WATER BOTTLES
ROYAL	4130 chromoly steel frame with 4130 chromoly steel fork and 4130 chromoly steel seat tube. Shimano 105 10-speed drivetrain with Shimano 105 crankset, Shimano 105 front and rear derailleurs, Shimano 105 shifters, Shimano 105 cassette, Shimano 105 chain. Shimano 105 saddle. Shimano 105 handlebars. Shimano 105 shifters. Shimano 105 front derailleur. Shimano 105 rear derailleur. Shimano 105 chain. Shimano 105 crankset. Shimano 105 pedals. Shimano 105 spacers. Shimano 105 seatpost. Shimano 105 saddle. Shimano 105 headset. Shimano 105 bottom bracket. Shimano 105 front hub. Shimano 105 rear hub. Shimano 105 front brake. Shimano 105 rear brake. Shimano 105 front fender. Shimano 105 rear fender. Shimano 105 rear rack. Shimano 105 water bottles.	4130 chromoly steel frame with 4130 chromoly steel fork and 4130 chromoly steel seat tube.	Shimano 105 10-speed drivetrain with Shimano 105 crankset, Shimano 105 front and rear derailleurs, Shimano 105 shifters, Shimano 105 cassette, Shimano 105 chain.	700c wheels with 36 spokes and 4130 chromoly steel rims.	Shimano 105 saddle.	Shimano 105 handlebars.	Shimano 105 shifters.	Shimano 105 front derailleur.	Shimano 105 rear derailleur.	Shimano 105 chain.	Shimano 105 crankset.	Shimano 105 pedals.	Shimano 105 spacers.	Shimano 105 seatpost.	Shimano 105 saddle.	Shimano 105 headset.	Shimano 105 bottom bracket.	Shimano 105 front hub.	Shimano 105 rear hub.	Shimano 105 front brake.	Shimano 105 rear brake.	Shimano 105 front fender.	Shimano 105 rear fender.	Shimano 105 rear rack.	Shimano 105 water bottles.

LIGHTWEIGHT DISTINCTIONS

All Raleigh Lightweight frames are handbuilt using Reynolds famous Manganese Molybdenum alloy tubing, in sets specifically designed for the intended purpose of the bicycle.



Reynolds new 653 tube set combining a stronger, stiffer material specification, with thinner tube wall thickness to reduce overall weight.



A specially developed tube set for racing cycles, combining lightness with high strength. To improve the weight characteristics and looks, we use the slimmer 531 Pro backstays.



A tube set designed specifically for lightweight touring, with improved weight characteristics and high performance stays to take the strain of heavy pannier loads.



Heavy duty sets with oversize tubing give the performance required by off-road use. The custom frame tube set is teamed with a unibrown style carbon steel fork, while the full 531 ATB set features taper gauge fork blades in 531 material.



Indicates a frame where the three main tubes are in Reynolds 531 butted material. High tensile carbon steel tube is used elsewhere, except where, as indicated, the fork is also in Reynolds material. As a rule, we use the 3 tubes from the 531C set for racing and training geometry frames, and 3 tubes from the 531ST set for touring geometry frames.

For details of our full range of framesets see the Raleigh Frameset Catalogue.

HAND BUILT BY CRAFTSMEN



Each model is hand assembled by individual craftsmen. The renowned touch is cast, with you take, signed by the man who actually built it and on different, Revised (signed in pencil).

RALEIGH SPECIALIST LIGHTWEIGHT DEALER

When you've viewed this catalogue -- and decided which bike, or bikes, you'd like to see -- call on your Specialist Lightweight Dealer for more info and the information that'll help you make up your mind.



THE RALEIGH 15 YEAR GUARANTEE

Every bicycle in this catalogue carries the Raleigh 15-year guarantee on frame and forks plus a 1 year guarantee on all other components. See the Raleigh Bicycle Guide for details.

This catalogue is one of a set of 5 available free from your Raleigh dealer.



All the bicycles shown in this catalogue are available from your RALEIGH DEALER --

Discount Cycles

249 STOCKPORT ROAD

CHEADLE, CHESHIRE

SK8 2DP

Telephone: 061-428 3311

RALEIGH

RALEIGH LTD.
NOTTINGHAM
ENGLAND

Our policy of continual improvement means that product specification and appearance may be changed while this catalogue is still in use.