

A male cyclist wearing a red short-sleeved jersey and black shorts is riding a blue Trek road bicycle on a track. He is in a low, aerodynamic position. The background features a series of large, dark, curved structures, possibly part of a wind tunnel or a large industrial building, with a yellow railing in front of them. The overall scene is dimly lit, suggesting an indoor or nighttime setting.

**TREK  
BICYCLES  
1986**

**TREK**

# TREK FRAME BUILDING. ELEVATING THE ART TO A SCIENCE.

*In the decade since our first handcrafted frame was built in Waterloo, Wisconsin, Trek has continued to build on a reputation of bringing fresh insight and new perspective to the art of making bicycle frames. Trek's total commitment to engineering excellence and a strict regard*

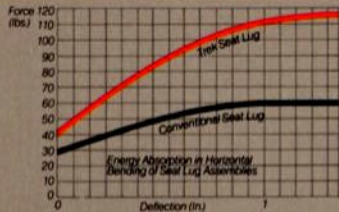
*for high quality remain the guiding principles behind every bicycle in the Trek line. Optimal riding characteristics, whether rigid response for all-out racing or greater comfort and capacity for loaded touring, are basic design criteria that are never compromised.*

*Naturally, the fusion of alloy tubings, lugs, and other frame members is the focal point*

*for these efforts, for it is the frame that separates a Trek from the competition in every category.*

*This year, Trek remains the only American bicycle manufacturer to utilize investment-cast components and silver brazing material in the building of virtually all of its frames. Previously, such an expense could only be justified on the most exotic custom-built bicycles. Trek's patented investment-cast seat cluster, head lug, bottom bracket and dropouts are the result of an exhaustive series of precision moldings using the time-consuming "lost wax" method. When the steel alloy lug is finally cast, the result is a part of unmatched structural strength, metallurgical integrity, and*

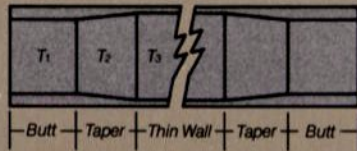




Energy absorption ("stiffness") at the critical apex of the rear triangle: Trek investment-cast vs. conventional seat lug designs.

tolerances as close as .001". Their distinctive design also means a greater "wetted" contact area for the brazing material (increasing the overall strength of the joint), and superior stiffness in critical areas such as the rear triangle.

When used in conjunction with acclaimed Reynolds 531 seamless drawn double-buttet tubing, Trek investment castings



The double-buttet Trek specifies on their Reynolds tubesets increases a frame's strength at the ends where it is subject to greatest stress.

#### TUBING WALL THICKNESS (in mm)

Top Tube			Down Tube			Seat Tube	
T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	T <sub>4</sub>	T <sub>5</sub>	T <sub>6</sub>	T <sub>7</sub>	T <sub>8</sub>
Reynolds 753 R							
0.7	0.5	0.7	0.8	0.6	0.8	0.7	0.5
Reynolds 531 and 531C							
0.8	0.5	0.8	1.0	0.7	1.0	0.8	0.5
Ishiwata EX							
0.9	0.6	0.7	0.9	0.6	0.7	0.9	0.6
Trek CroMo MTB							
1.0	0.7	1.0	1.2	0.9	1.2	1.2	0.9

ensure that each of our lightweight frames will be silver-brazed into a rigidly unitized geometry, aligned to perfection.

NO MASTER FRAMEBUILDER HAS A STEADIER HAND.

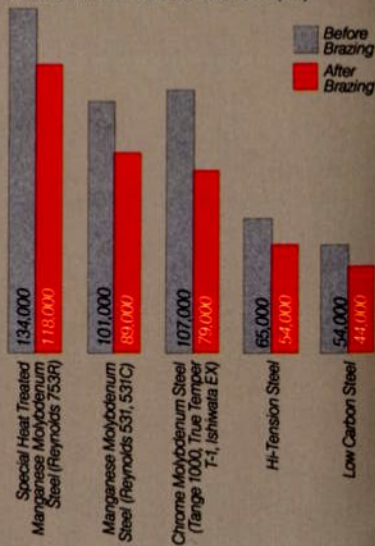
In the past, framebuilders have spent long hours with an acetylene torch in pursuit of the perfect bicycle frame. Now Trek unveils an advanced new method of framebuilding that rivals the consistency of the best custom builder.

Trek's R.I.B. (Robotic Induction Brazing) System is the result of years of Trek framebuilding mastery combined with the latest computer-driven technologies.



The Trek Robotic Induction Brazing System—greater consistency and quality in the building of our advanced bicycle frames.

#### FRAME MATERIAL YIELD STRENGTHS (PSI)



Minimal loss of tensile strength in Trek frames is achieved through Trek's robotic low-temperature silver-brazing methods.

A robot arm moving in 5 separate axes precisely aligns each steel-alloy frame from the first assembly station to the last. During each step, a high-frequency magnetic field is induced to quickly bring the investment-cast frame components to a temperature precisely controlled by micro-processors. This lower-temperature pinpoint heating means more reliable and rapid diffusion of the silver brazing material, without the tensile strength loss that is often the result of less precise techniques.

#### TREK PUTS STIFFNESS IN ITS PLACE.

While the term "stiffness" has become popular parlance for measuring the performance of a bicycle frame, Trek is not so simplistic in its approach.

In recognizing the multi-dimensional requirements of the individual rider, Trek engineers have fine-tuned the geometries and frame components of every machine.

Since the composition, butted gauge thicknesses, and weight of every steel alloy tube are variable, picking exactly the right tube for the job is crucial. Again, the use of Trek's unique investment-castings is another element that greatly increases the rigidity of a frame, particularly at the critical apex of the rear triangle.

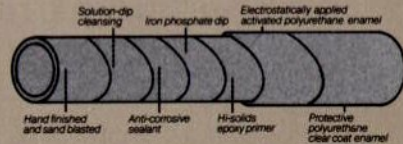
In most cases, the goal of these efforts is the enhancement of both lateral (side-to-side) and torsional (bottom bracket twist) stiffness, ensuring more efficient transmission of power. However, such tremendous rigidity is not

desirable along every axis. Since a bicycle's in-plane flex is critical to comfort, Trek prescribes their sport touring bikes with just the right amount. And then matches each bike to a precisely-calibrated fork that will help determine the bike's handling and shock-dampening characteristics.

#### A FITTING FINISH.

After an exhaustive battery of quality assurance checks and testing, every Trek receives what is widely considered to be the most durable finish available—catalyzed polyurethane enamel. Used on the fuselage of jet aircraft, this paint resists the corrosive effects of weather while maintaining a like-new lustre for years.

It is not until the frame undergoes a 6-step chemical



Trek's 7-step finishing process: The result must be perfect, or it will never wear a Trek decal.

preparation, corrosion-proofing, and electrostatic application process, and not until the paint and protective gloss is allowed to oven cure, that the Trek frame is ready for its transformation into a Trek bicycle.

With a selection of the world's best component groups at their disposal, Trek engineers have made their choices on the basis of performance, long-term durability, and simplified maintenance.



# TREK RACING BICYCLES: CLOSE TO THE EDGE.

*Naturally, a Trek racing bicycle is going to have some relatively acute frame angles. A short wheelbase for stiffness and acceleration. A steep headtube for reflexive handling in corners and descents. And a well-pitched saddle angle to optimize body alignment in a low tuck. All of these variables are interdependent.*

*There is more to the art, however. Beyond all proportions, a Trek design must provide an almost synergetic link between cycle and cyclist. A balance of forces and function that will return every ounce of energy invested, regardless of whether your style leans towards rhythmic climbing or straightout hammering.*

*This year, Trek's line of high-performance steel alloy racing*

*bikes consists of 5 models for every cyclist at every level of USCF or triathlon competition.*

*Because of their response and extra stiffness however, they are also the bicycles of choice for those serious athletes who are just starting to hone their cycling skills.*

*Each one of these machines makes extensive use of Trek's unique investment-castings and highest-quality double-buttetted Reynolds tubing. Together with a hand-picked group of components selected for their lightweight strength, quick adjustment, and ability to stand up under race pressures.*

# PRO SERIES 560

The first in Trek's line of dedicated high-performance racing bikes, the 560 transforms Reynolds 531 tubing and Trek investment castings into a tightly responsive short-wheelbase frame. The component group includes Shimano S.I.S. rear derailleur and shift levers for fast error-free shifts in the most demanding situations. Shimano 600EX crankset with Bio-Pace 42/52 chainrings for more efficient power transmission to the rear wheels. And Shimano 600 aerodynamic-profile brakeset. The Matrix Titan hard-anodized 700C wheels are race ready, with a pair of Specialized new slick tires for lowered rolling resistance. Weight: 23.2 lbs.

Colors: crimson/yellow; yellow and white fade.



Consider a silver-brazed all-Reynolds 531 frame crafted to exacting specifications. A professional racing bicycle using an advanced set of investment-cast lugs that measurably enhance the stiffness and response of the overall frame. And carefully-selected componentry to match—top-of-the-line Specialized and SunTour Superbe equipment. Responsive, lightweight wheels are solidly built from Matrix Titan 700C hard-anodized rims around Specialized double-sealed hubs with new Specialized slick tires that lower rolling resistance without lowering traction. Weight: 22.3 lbs.

Colors: race green/lavender;  
blue and white fade.





# PRO SERIES 770

*This classic machine is composed from the best known (and most thoroughly tested) components in the racing world—Campagnolo Super Record. They adorn a stiff and steeply configured frame built from Reynolds 531 double-buttressed tubing with Trek investment-cast lugs, shells, stays, and fork crown. The 770's Campy Super group includes forged alloy 53/42 crankset to handle the horsepower, SL pedals with flawlessly-ground bearing races, and low-flange hubs laced to Matrix Iso 32-hole aerodynamic rims. Also from Italy, Cinelli's satin-finished "Giro" handlebar and 1A alloy stem. Weight: 20.1 lbs.*



Colors: yellow/blue; pink and white fade.  
Also available as a frameset.



# T R I S E R I E S 5 0 0

*Designed with the triathlete and performance rider in mind, this bike starts with Reynolds 531 double-buttressed tubing, silver-brazed to Trek's precision investment-castings for greater stiffness and more perfect alignment. Componentry is equally advanced, utilizing elements from Shimano's N and Z series drivetrain group and black-anodized brakeset. SR has provided the model 500's forged alloy FX crankset, pedals, handlebar and stem. And Rigida wheels are built around Maillard's highly-polished 600 hubs with low-friction bearings that are sealed to keep out water and grit. Weight: 23.4 lbs.*

Colors: pewter/black; red and white fade.



# T R I S E R I E S 7 0 0

A no-compromise Reynolds 531 frameset for the serious triathlete. Drivetrain is Shimano's grey-anodized N-600 group, equipped with S.I.S. shifting mechanism. Matching sidepull brakes and sealed drop-center pedals are from the same modern component group, sculpted to cheat the wind and provide optimum time-trialing efficiency. With their lightweight response and clincher reliability, the Specialized/Matrix Titan 700C wheels are well suited for both racing and training. New streamlined delta design saddle is also from Specialized, with coordinating white Pro Cage by Blackburn. Weight: 23.1 lbs.

Colors: race blue/white; black and white fade.





# FRAME GEOMETRY FOR MODELS 560, 760

	A	B	C	D	E	F	G	H
FRAME SIZE	SEAT TUBE length	SEAT TUBE angle	HEAD TUBE angle	TOP TUBE length	CHAIN STAY length	FORK OFFSET	DROP	WHEEL BASE
19"	47.5	73.5°	72.0°	53.6	41.5	4.2	7.2	97.7
21"	52.1	73.5°	72.0°	55.0	41.5	4.2	7.2	99.1
22.5"	55.9	73.5°	73.0°	56.0	41.5	4.2	7.2	100.4
24"	59.6	73.5°	73.0°	57.5	41.5	4.2	7.2	100.9
25.5"	63.5	73.5°	73.0°	58.5	41.5	4.2	7.2	101.8

All dimensions are in centimeters, unless otherwise stated.

## MODEL 560—PRO SERIES

### FRAME

Main Tubes: Reynolds 531  
Double Butted  
Fork: Tange Chrome-Moly  
Stays: Tapered Chrome-Moly  
Headset: Hatta Vesta  
B.B. Shell: Trek Investment Cast

Headlug: Trek Investment Cast  
Seat Lug: Trek Investment Cast  
Dropouts: Trek Investment Cast  
Special Braze-Ons: Top Tube Guides,  
Pump Peg, Dual Water Bottle Mounts,  
Chain Hanger, Shift Lever Bosses  
Sizes: 19, 21, 22.5, 24, 25.5"  
Colors: Crimson/Yellow; Yellow and  
White Fade

### COMPONENTS

Crank: Shimano N-600 Forged Alloy,  
w/Bio Pace 52/42  
Derailleurs: Shimano N-600 Front,  
Shimano New 600 for SIS Rear  
Shift Levers: Shimano New 600 w/SIS  
Freewheel: Shimano Z-012 13-24  
6 spd. Silver

# FRAME GEOMETRY FOR MODEL 770

	A	B	C	D	E	F	G	H
FRAME SIZE	SEAT TUBE length	SEAT TUBE angle	HEAD TUBE angle	TOP TUBE length	CHAIN STAY length	FORK OFFSET	DROP	WHEEL BASE
50 cm	48.9	74.5°	73.5°	53.5	41.2	4.2	6.6	97.1
52 cm	50.9	73.5°	73.5°	54.0	41.2	4.2	7.2	97.1
54 cm	52.9	73.5°	73.5°	54.0	41.2	4.2	7.2	97.3
56 cm	54.9	73.5°	73.5°	55.5	41.2	4.2	7.2	97.6
58 cm	56.9	73.5°	74.0°	57.0	41.2	4.2	7.2	99.7
60 cm	58.9	73.5°	74.0°	58.0	41.2	4.2	7.2	100.6
62 cm	60.9	73.5°	74.0°	59.0	41.2	4.2	7.2	101.6

All dimensions are in centimeters, unless otherwise stated.

Chain: Sedisport  
Brakes: Shimano N-600 w/Recess and  
Aero Hooded Levers  
Pedals: Shimano N-600 Aero Alloy  
Bar: SR Custom Alloy  
Stem: SR Custom Alloy  
Hubs: Sansin Forged QR  
w/Sealed Mech.  
Spokes: Stainless Steel

Rims: Matrix Titan Hard Anodized 700C  
Tires: Specialized 700x20C  
Smooth Tread  
Seat Post: SR CRE-100 Forged Alloy  
Saddle: San Marco Aero Suede  
Extra: Blackburn Pro Cage and Bottle,  
Saddle Cover, Shimano Toe Clips and  
Nylon Straps  
Weight: 23.2 lbs.

## MODEL 760—PRO SERIES

### FRAME

Main Tubes: Reynolds 531  
Double Butted  
Fork: Reynolds 531 w/Trek Investment  
Cast Crown and Plated Ends  
Stays: Reynolds 531 Tapered  
Headset: Hatta Vesta Sealed

B.B. Shell: Trek Investment Cast  
Headlug: Trek Investment Cast  
Seat Lug: Trek Investment Cast  
Dropouts: Trek Investment Cast  
and Plated  
Special Braze-Ons: Top Tube Guides,  
Pump Peg, Dual Water Bottle Mounts,  
Chain Hanger, Shift Lever Bosses  
Sizes: 19, 21, 22.5, 24, 25.5"

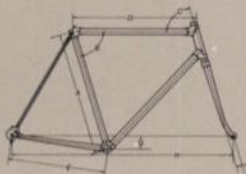
Colors: Race Green/Lavender; Blue  
and White Fade

### COMPONENTS

Crank: Specialized Racing Forged  
Alloy 52/42  
Derailleurs: Suntour Superbe Pro  
Grey Anodized  
Shift Levers: Suntour Sprint  
Light-Friction

Freewheel: Suntour NW 13-21 6 spd.  
Chain: Sedisport  
Brakes: DiaCompe Royal Compe 400  
Grey w/Hooded Aero Levers  
Pedals: Specialized Racing  
Bar: SR Custom Alloy  
Stem: Specialized S-2 Aero Alloy  
Hubs: Specialized Sealed w/QR  
Spokes: Stainless Steel

Rims: Matrix Titan Hard Anodized 700C  
Tires: Specialized 700x20C  
Smooth Tread  
Seat Post: SR CRE-100 Forged Alloy  
Saddle: San Marco America  
Extra: Toe Clips and Straps, Blackburn  
Pro Cage and Bottle, Saddle Cover  
Weight: 22.3 lbs.



## MODEL 770—PRO SERIES

### FRAME

Main Tubes: Reynolds 531

Double Butted

Fork: Reynolds 531 w/Trek Investment

Cast Crown and Plated Ends

Stays: Reynolds 531 Tapered

Headset: Campagnolo Super Record

B.B. Shell: Trek Investment Cast

Headlug: Trek Investment Cast

Seat Lug: Trek Investment Cast

Dropouts: Trek Investment Cast and Plated

Special Braze-Ons: Top Tube Guides,

Pump Peg, Dual Water Bottle Mounts,

Chain Hanger, Shift Lever Bosses

Sizes: 50, 52, 54, 56, 58, 60 and 62 cm

Colors: Race Yellow/Blue; Pink and White Fade

### COMPONENTS

Crank: Campagnolo Super Record

Forged Alloy 53/42

Derailleurs: Campagnolo Super Record

Shift Levers: Campagnolo

Super Record

Freewheel: Suntour NW 13-21 6 spd.

Chain: Sedisport

Brakes: Campagnolo Super Record

Pedals: Campagnolo SL Black

Bar: Cinelli Giro Alloy

Stem: Cinelli I/A Alloy

Hubs: Campagnolo Super Record

32 Hole

Spokes: Stainless Steel

Rims: Matrix ISO 32 Hole

Tires: Wolber Neo-Pro 260g Tubular

Seat Post: Campagnolo Super Record

Saddle: San Marco America

Extra: Toe Clips and Straps, Blackburn

Pro Cage and Bottle, Saddle Cover

Weight: 20.1 lbs.

## MODEL 500—TRI SERIES

### FRAME

Main Tubes: Reynolds 531

Double Butted

Fork: Tange Chrome-Moly

w/CCL Crown

Stays: Tapered Chrome-Moly

Headset: Hatta Vesta

B.B. Shell: Nikko Special

Headlug: Trek Investment Cast

Seat Lug: Trek Investment Cast

Dropouts: Trek Investment Cast

Special Braze-Ons: Top Tube Guides,

Pump Peg, Dual Water Bottle Mounts,

Chain Hanger, Shift Lever Bosses

Sizes: 18, 19, 21, 22.5, 24, 25.5"

Colors: Pewter Metallic/Black; Red and White Fade

### COMPONENTS

Crank: SR FXC-200 Forged Alloy

52/40 w/Black Anodized Chainwheels

Derailleurs: Shimano N-600 Front

and Rear

Shift Levers: Shimano Braze-On

Freewheel: Shimano Z-012 14-28

6 spd. Silver

Chain: Shimano Uniglide

Brakes: Shimano Z-570 w/QR, Guides

and Black w/Hooded Levers

Pedals: SR SP-100 Alloy Quill Black

Bar: SR Custom Alloy

Stem: SR Custom Alloy

Hubs: Maillard New 600 QR w/Sealed

Mech.

Spokes: Stainless Steel

Rims: Rigida 13-20 700C Black

Anodized Alloy

Tires: SBI 700x25C Skinwall

Seat Post: SR P5-E Laprade Type

Forged Alloy

Saddle: San Marco Aero Suede

Extra: Toe Clips and Straps

Weight: 23.4 lbs.

## MODEL 700—TRI SERIES

### FRAME

Main Tubes: Reynolds 531

Double Butted

Fork: Reynolds 531 w/Trek Investment

Cast Crown and Plated Ends

Stays: Reynolds 531 Tapered

Headset: Hatta Vesta Sealed

B.B. Shell: Trek Investment Cast

Headlug: Trek Investment Cast

Seat Lug: Trek Investment Cast

Dropouts: Trek Investment Cast

and Plated

Special Braze-Ons: Top Tube Guides,

Pump Peg, Dual Water Bottle Mounts,

Chain Hanger, Shift Lever Bosses

Sizes: 19, 21, 22.5, 24, 25.5"

Colors: Race Blue/White; Black and White Fade

### COMPONENTS

Crank: Shimano N-600 Forged

Alloy 52/42

Derailleurs: Shimano New 600 Grey Frt.

Shimano New 600 for SIS Rear

Shift Levers: Shimano New 600 w/SIS

Freewheel: Shimano Z-012 14-28

6 spd. Silver

Chain: Sedisport

Brakes: Shimano N-600 Grey Anodized

and Hooded Levers

Pedals: Shimano N-600

Bar: SR Custom Alloy

Stem: Specialized S-2 Aero Alloy

Hubs: Specialized Sealed w/QR

Spokes: Stainless Steel

Rims: Matrix Titan Hard Anodized 700C

Tires: Specialized 700x25C Skinwall

Seat Post: SR CRE-100 Forged Alloy

Saddle: SBI Delta White Leather

Extra: Shimano Toe Clips and Straps,

Blackburn Pro Cage and Bottle

Weight: 23.1 lbs.



# TREK SPORT BICYCLES: A PRECISE BALANCE.

*Trek's advanced new sport machines are based upon the premise that high-performance and comfort need not be mutually exclusive. There can be adequate stiffness, without a bone-jarring lack of shock absorption. Load capacity without sacrificing response. And lightweight too, without lack of durability.*

*Trek's design prowess and years of experience in producing these more moderate geometries enables us to create sport bikes that demonstrate superior performance without the vagaries of compromise. They are the ideal solution for the cyclist who may find himself doing some light touring or commuting one day, then speeding off on a fast-paced*

*century ride the next. Those interested in slightly longer trips will find our sport-touring version geared just for them.*

*As well rounded as they are, these bicycles are also the perfect entry-level for runners and other athletes seeking the benefits of "cross-over" training. With their efficient drivetrains and responsive handling, Trek sport bicycles can easily transform an hour of exercise into 20 miles of superb conditioning.*

*This all-around 12-speed sport-geometry bike is made to Trek's stringent specifications showcasing components from some of the most famous names in international cycling. The frame is built from Ishiwata triple-buttressed chrome-molybdenum alloy with tapered stays and chrome-moly fork. Componentry includes Shimano light-action derailleurs, SR forged alloy crankset and Dia-Compe Q500 sidepulls. And the Selle Italia anatomical saddle is comfortable from the very first mile. Araya alloy wheels built around Sansin sealed quick-release hubs round out this terrific Trek value. Weight: 24.5 lbs.*

Colors: steel gray metallic/  
silver; blue metallic/silver





Another quick-handling and comfortable Trek designed Ishiwata tri-buttressed frame, with extra braze-ons for clean mounting of two water-bottles, shift levers, and pump. Derailleurs here are SunTour's precise and easy-shifting Cyclone series linked to a wide-ratio SunTour freewheel in the rear. Together with SR's SAC forged alloy crank and 52/42 teeth chainrings, this combination yields a 12-speed gear range for everything from steady climbing to fast descending. The Dia-Compe GX500N brakeset is designed for controlled, well-modulated braking, with hooded levers for comfort. Weight: 24.2 lbs.

Colors: steel gray metallic/  
silver; scarlet/white.



Built by Trek in Waterloo, Wisconsin using a combination of advanced robotic technology and precision silver brazing. Main tubes are double-buttressed Reynolds 531, fork and stays are chrome-moly, and lugs are Trek's close-tolerance investment cast design. Well-matched components include the Shimano S.I.S. derailleur shifting system, previously found on only the costliest racing machines, which ensure perfect gear engagement every time. Shimano Z-series brakes and SR forged SX crankset complete this group. Weight: 23.6 lbs.

Colors: dark blue metallic/  
silver; black metallic/silver





# ELANCE 400T

The same high-performance Reynolds 531 sport-geometry frame, but with a component selection geared towards more varied terrain. 15 evenly-spaced speeds are the result of an SR forged alloy triple crankset and Shimano 14-28 tooth freewheel, controlled via Shimano's new Lite-Action™ shift levers and long-cage rear derailleur. A pair of Rigida 700C lightweight alloy wheels make this Trek easy to accelerate, yet will still shoulder the additional load should you decide to add a rack and pack. An anatomically-contoured Specialized saddle is also standard equipment on this versatile machine. Weight: 23.8 lbs.

Colors: dark blue metallic/  
silver; black metallic/silver



*This high-performance 15-speed sport touring bike combines the best features of our versatile medium-wheelbase sport machines and our longer-wheelbase high-capacity touring designs. Triple crankset is Shimano's EX forged alloy, complete with elliptically-shaped Bio-Pace™ chainrings that have been computer-modeled to provide a smoother, more efficient pedal stroke. Shimano N-600 brakes put plenty of stopping power at your fingertips, even with heavy panniers. Wheel componentry consists of Gyromaster cold-forged sealed hubs with Matrix rims and Specialized tires. Weight: 24.7 lbs.*

*Colors: grey metallic/red.*

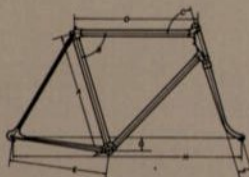




# FRAME GEOMETRY FOR MODELS 400D, 400T, 500, 520, 700

	A	B	C	D	E	F	G	H
FRAME SIZE	SEAT TUBE length	SEAT TUBE angle	HEAD TUBE angle	TOP TUBE length	CHAIN STAY length	FORK OFFSET	DROP	WHEEL BASE
18"	44.0	76°	71°	49.5	42.5	4.5	7.2	99.0
19"	47.5	73.5°	72.0°	53.6	42.5	4.5	7.2	99.4
21"	52.1	73.5°	72.0°	55.0	42.5	4.5	7.2	101.1
22.5"	55.9	73.5°	73.0°	56.0	42.5	4.5	7.2	102.0
24"	59.6	73.5°	73.0°	57.5	42.5	4.5	7.2	103.4
25.5"	63.5	73.5°	73.0°	58.5	42.5	4.5	7.2	105.0

All dimensions are in centimeters, unless otherwise stated. \* 18" size available for models 400D, 400T, 500 and 520 only.



# FRAME GEOMETRY FOR MODELS 300, 310

	A	B	C	D	E	F	G	H
FRAME SIZE	SEAT TUBE length	SEAT TUBE angle	HEAD TUBE angle	TOP TUBE length	CHAIN STAY length	FORK OFFSET	DROP	WHEEL BASE
19"	48.5	73.5°	72.0°	53.5	42.5	5.0	4.2	100.8
21"	53.5	73.5°	72.5°	54.5	42.5	5.0	6.2	100.2
23"	58.5	73.5°	73.5°	56.0	42.5	5.0	6.2	100.9
25"	63.5	73.5°	72.5°	58.0	42.5	5.0	6.2	102.9

All dimensions are in centimeters, unless otherwise stated.

## MODEL 300—ELANCE

### FRAME

Main Tubes: Ishiwata Tri-Butted  
Chrome-Moly  
Fork: Ishiwata Chrome-Moly w/Semi  
Sloping Crown  
Stays: Special Tapered  
Headset: Diamond Road

B.B. Shell: Bulge Formed  
Headlug: Italian Style Cut  
Seat Lug: Italian Style Cut  
Dropouts: Suntour GT-IV Forged  
Special Braze-Ons: Top Tube Guides,  
Water Bottle Mounts, B.B. Cable  
Guides, Chain Hanger  
Sizes: 19, 21, 23, and 25"

Colors: Steel Grey/Silver;  
Blue Metallic/Silver

### COMPONENTS

Crank: SR SAC-T310 Forged Alloy 52/40  
Derailleurs: Shimano Z-204 Front,  
Shimano L523SS Light-Action Rear  
Shift Levers: Shimano L-422  
Freewheel: Shimano Z-012 14-28  
6 spd. Silver

Chain: Shimano Uniglide  
Brakes: DiaCompe Q500N  
w/Hooded Levers  
Pedals: SR SP-250 Alloy Quill  
Bar: SR CTD Alloy  
Stem: SR Custom Alloy  
Hubs: Sansin QR w/Sealed Mech.  
Spokes: UCP 14g.  
Rims: Araya 18A 27" Alloy

Tires: IRC 27" x 1 1/8"  
Seat Post: SR P5-E Laprade Type  
Forged Alloy  
Saddle: Selle Italia Anatomical  
Extra: SR Toe Clips and Straps  
Weight: 24.5 lbs.

## MODEL 310—ELANCE

### FRAME

Main Tubes: Ishiwata Tri-Butted  
Chrome-Moly  
Fork: Ishiwata Chrome-Moly w/Semi  
Sloping Crown  
Stays: Special Tapered  
Headset: Nikyo 75

B.B. Shell: Bulge Formed  
Headlug: Italian Style Cut  
Seat Lug: Italian Style Cut  
Dropouts: Suntour GT-IV Forged  
Special Braze-Ons: Top Tube Guides,  
Pump Peg, Dual Water Bottle Mounts,  
B.B. Cable Guides, Braze-On Lever  
Mounts, Chain Hanger  
Sizes: 19, 21, 23 and 25"

Colors: Steel Grey/Silver; Scarlet/White

### COMPONENTS

Crank: SR SAC-310 Forged Alloy 52/40  
Derailleurs: Suntour LP Front and New  
Cyclone Rear  
Shift Levers: Suntour Braze-On Mount  
Freewheel: Suntour PT 14x28 6 spd.  
Chain Brakes: D.I.D. Silver and Black  
DiaCompe GX500N w/Hooded Levers

Pedals: SR SP-250 Aero Quill  
Bar: SR CT Alloy  
Stem: SR Custom Alloy  
Hubs: Sansin QR w/Sealed Mech.  
Spokes: Stainless Steel  
Rims: Araya 20A 27" x 1" Alloy  
Tires: IRC 27" x 1"  
Seat Post: SR P5-E Laprade Type  
Forged Alloy

Saddle: Selle Italia Anatomical  
Extra: Nylon Toe Clips and Straps  
Weight: 24.2 lbs.

## MODEL 400 DOUBLE— ELANCE

### FRAME

Main Tubes: Reynolds 531  
Double Butted  
Fork: Tange Chrome-Moly  
Stays: Tapered Chrome-Moly  
Headset: Hatta Vesta

B.B. Shell: Nikko Special  
Headlug: Trek Investment Cast  
Seat Lug: Trek Investment Cast  
Dropouts: Trek Investment Cast  
Special Braze-Ons: Top Tube Guides,  
Pump Peg, Dual Water Bottle Mounts,  
Rear Rack Mounts, Chain Hanger,  
Shift Lever Bosses  
Sizes: 18, 19, 21, 22.5, 24, 25.5"

Colors: Dark Blue Metallic/Silver; Black  
Metallic/Silver

### COMPONENTS

Crank: SR SXC-200 Forged Alloy 52/40  
Derailleurs: Shimano Z-206 Front,  
Shimano L-525SS Light-Action Rear  
Shift Levers: Shimano S-424 w/SIS  
Freewheel: Shimano Z-012 14-28  
6 spd. Silver

Chain: Shimano Uniglide  
Brakes: Shimano Z-570 w/QR, Guides  
and Hooded Levers  
Pedals: SR SP-150SE Alloy Quill  
Bar: SR Custom Alloy  
Stem: SR Custom Alloy  
Hubs: Maillard New 600 QR  
w/Sealed Mech.

Spokes: Stainless Steel  
Rims: Rigida 13-20 700C Black  
Anodized Alloy  
Tires: SBI 700x25C Skinwall  
Seat Post: SR P5-E Laprade Type  
Forged Alloy  
Saddle: SBI Lambda Ultra-Suede  
Extra: Toe Clips and Straps  
Weight: 23.6 lbs.

## MODEL 400 TRIPLE— ELANCE

### FRAME

Main Tubes: Reynolds 531  
Double Butted  
Fork: Tange Chrome-Moly  
Stays: Tapered Chrome-Moly  
Headset: Hatta Vesta

B.B. Shell: Nikko Special  
Headlug: Trek Investment Cast  
Seat Lug: Trek Investment Cast  
Dropouts: Trek Investment Cast  
Special Braze-Ons: Top Tube Guides,  
Pump Peg, Dual Water Bottle Mounts,  
Rear Rack Mounts, Chain Hanger,  
Shift Lever Bosses  
Sizes: 18, 19, 21, 22.5, 24, 25.5"

Colors: Dark Blue Metallic/Silver; Black  
Metallic/Silver

### COMPONENTS

Crank: SR SXC-T310 Forged Alloy  
50/45/32  
Derailleurs: Shimano Z-206 Front,  
Shimano L-525GS Light-Action Rear  
Shift Levers: Shimano L-422 Braze-On

Freewheel: Shimano Z-012 14-28  
5 spd. Silver  
Chain: Shimano Uniglide  
Brakes: Shimano Z-570 w/QR, Guides  
and Hooded Levers  
Pedals: SR SP-150SE Alloy Quill  
Bar: SR Custom Alloy  
Stem: SR Custom Alloy  
Hubs: Maillard New 600 QR  
w/Sealed Mech.

Spokes: Stainless Steel  
Rims: Rigida 13-20 700C Alloy  
Tires: SBI 700x25C Skinwall  
Seat Post: SR P5-E Laprade Type  
Forged Alloy  
Saddle: SBI Lambda Ultra-Suede  
Extra: Toe Clips and Straps  
Weight: 23.8 lbs.

## MODEL 520—CIRRUS

### FRAME

Main Tubes: Reynolds 531  
Double Butted  
Fork: Tange Chrome-Moly  
w/CCCL Crown  
Stays: Tapered Chrome-Moly  
Headset: Hatta Vesta

B.B. Shell: Trek Investment Cast  
Headlug: Trek Investment Cast  
Seat Lug: Trek Investment Cast  
Dropouts: Trek Investment Cast  
Special Braze-Ons: Top Tube Guides,  
Pump Peg, Dual Water Bottle Mounts,  
Rear Rack Mounts, Chain Hanger,  
Shift Lever Bosses  
Sizes: 18, 19, 21, 22.5, 24, 25.5"

Colors: Grey Metallic/Red

### COMPONENTS

Crank: Shimano 6208 Forged Alloy  
w/Bio Pace 50/44/28  
Derailleurs: Shimano N-600 Front,  
N-600GS Rear  
Shift Levers: Shimano SL-408 Braze-On  
Freewheel: Shimano Z-012 14-28  
5 spd. Silver

Chain: Shimano Uniglide  
Brakes: Shimano N-600  
w/Hooded Levers  
Pedals: SR SP-100 Alloy Quill Black  
Bar: SR Custom Alloy  
Stem: SR Custom Alloy  
Hubs: Sansin Forged QR  
w/Sealed Mech.  
Spokes: Stainless Steel

Rims: Rigida 13-20 700C Black  
Anodized Alloy  
Tires: SBI 700x28C Skinwall  
Seat Post: SR CRE-100 Forged Alloy  
Saddle: SBI Lambda Suede  
Extra: Blackburn Alloy Rear Rack,  
Toe Clips and Straps  
Weight: 24.7 lbs.



# **TREK ALL-TERRAIN BICYCLES: TAKING THE TECHNOLOGY EVEN HIGHER.**

*Trek has long believed that in the quest for a superior "fat tire" bike, you've got to start with a fresh set of blueprints. Because while many mountain bikes are simply adaptations of older cruiser set-ups, Trek Antelope ATB's are drafted using advanced design criteria forged at the leading edge of the sport. Then crafted from a collection of the world's finest ATB componentry.*

*For backbone, there's a double-buttressed frame built from beefier mountain-gauge chrome-moly tubing. You can expect plenty of uphill performance and high-speed downhill handling from these special geometries, without sacrificing shock absorption and sure-footed traction.*

*And we didn't hold back with the components either. Each model is equipped with a sealed bottom bracket and hubs to resist water, mud, and grit while you're stomping. There are innovative new brake mechanisms for heavy-duty stopping. And close-at-hand thumb shifters to let you command all 15 wide-ratio gears with ease.*

*With a full complement of braze-ons aboard, you can load up your Trek for a week in the mountains. Or use it to explore another form of hostile environment—the city street.*

# A N T E L O P E 8 3 0

*A Trek design at home on either rough city streets or the roughest off-road trails. It's got a specially-formulated MTB double-buttet chrome-moly tubeset for a mainframe, with matching stays and Unicrown-style chrome-moly fork for extra stability and comfort under stress. Component systems include Shimano's all-terrain levers that put all 18 high-torqueing speeds at your fingertips, powerful AT-50 cantilever brakes, and thoroughly sealed cranks and hubs. Wheels are super-strong Araya 7XN alloy with higher-performance 26x1.75 skin wall tires ready to roll over anything. Weight: 28.9 lbs.*

Colors: bright red; black metallic.





# A N T E L O P E 8 5 0

*Trek takes an all new look at all-terrain bikes with this special lightweight double-buttressed chrome-moly frame TIG-welded into a lean and stiff MTB geometry. Other equipment is equally suited to the demanding off-road environment, including Specialized 46/36/26 triple crankset, SunTour XC Sport derailleurs, shiftlevers, stem, and hubs and innovative XC "roller cam" rear brake mounted behind the bottom bracket. MKS Grafight 2000 pedals can take the pressure and their composite "bear claw" cage offers a non-slip grip for your feet. Weight: 28.1 lbs.*

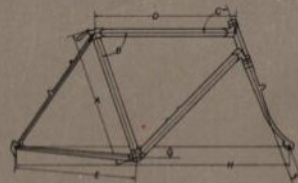
Colors: tamarack, pink and white fade.



**FRAME GEOMETRY  
FOR MODELS 830, 850**

	A	B	C	D	E	F	G	H
FRAME SIZE	SEAT TUBE length	SEAT TUBE angle	HEAD TUBE angle	TOP TUBE	CHAIN STAY length	FORK OFFSET	DROP	WHEEL BASE
18"	45.7	70.0°	70.0°	57.7	44.5	5.1	3.8	106.1
20"	50.8	71.0°	70.0°	58.2	44.5	5.1	3.8	107.6
22"	55.9	72.0°	70.0°	58.2	44.5	5.1	3.8	109.2

All dimensions are in centimeters, unless otherwise stated.



## MODEL 830—ANTELOPE

### FRAME

Main Tubes: MTB Double-Butted  
Chrome-Moly  
Fork: Chrome-Moly w/Unicrown  
Stays: MTB Chrome-Moly  
Headset: Tange SE-2 Sealed  
B.B. Shell: Lugless Welded

Headlug: Lugless Welded  
Seat Lug: Lugless Welded  
Dropouts: Forged Vertical  
Special Braze-Ons: Top Tube Guides,  
Dual Water Bottle Mounts, Cable Stops,  
Rear Rack Mounts, Chain Hanger,  
Fork Rack Mounts  
Sizes: 18, 20 and 22"  
Colors: Bright Red; Black Metallic

### COMPONENTS

Crank: SR FXC-T310 Forged Alloy,  
46/36/26  
Derailleurs: Shimano FD-AL11GS Front,  
Shimano L525SGS Rear  
Shift Levers: Shimano AT-50  
Freewheel: Shimano MF Z-012,  
14x32 5 spd.  
Chain: Shimano Uniglide

Brakes: Shimano AT-50, Cantilevers  
w/Mountain Levers  
Pedals: SR SP-452 Oval MTB  
Bar: SR AR-119 Stainless Steel  
Stem: SR CPS-80 Forged Alloy  
Hubs: SR-CRH 310 w/Sealed Mech.  
and QR Front  
Spokes: Stainless Steel  
Rims: Araya 7XN 26x1.5 Alloy

Tires: Off Road Skinwall 26x1.75"  
Seat Post: SR P5-E Laprade Type  
Forged Alloy  
Saddle: Vetta Maxi Suede  
Extra: QR Seat Post Binder  
Weight: 28.9 lbs.

## MODEL 850—ANTELOPE

### FRAME

Main Tubes: Special Lightweight MTB  
Double-Butted Chrome-Moly  
Fork: Chrome-Moly w/Unicrown  
Stays: MTB Chrome-Moly  
Headset: Tange Falcon Sealed MTB  
B.B. Shell: Lugless Welded

Headlug: Lugless Welded  
Seat Lug: Lugless Welded  
Dropouts: Forged Vertical  
Special Braze-Ons: Top Tube Guides,  
Dual Water Bottle Mounts, Cable Stops,  
Rear Rack Mounts, Chain Hanger,  
Fork Rack Mounts  
Sizes: 18, 20, and 22"

Colors: Tamarack Green; Pink and  
White Fade

### COMPONENTS

Crank: Specialized Forged Alloy  
46/36/26  
Derailleurs: Suntour XC Sport  
Shift Levers: Suntour XC Sport  
Freewheel: Shimano 600 MF,  
14x32 5 spd.

Chain: Shimano Uniglide  
Brakes: Shimano XT Cantilever Ft./  
Suntour XC Sport rear w/DiaCompe  
280 MTB Levers  
Pedals: MKS Grafight 2000RR Oval MTB  
Bar: Kusuki MTB Alloy  
Stem: Suntour XC  
Hubs: Suntour XC Sealed w/QR Front  
Spokes: Stainless Steel

Rims: Araya RM-20 26x1.5 Alloy  
Tires: Trek Special Off-Road 26x1.95"  
Seat Post: SR P5 Laprade Forged Alloy  
Saddle: Vetta Maxi Leather  
Extra: Suntour QR Binder  
Weight: 28.1 lbs.

Trek bicycles consist of component parts and materials made by Trek or purchased from sources around the world. Changes in customer demand or availability occasionally necessitate temporary or permanent substitution of parts specified. If substitution is made, the new parts will be of comparable or superior quality and performance to those originally specified. Every Trek bicycle is equipped with safety reflectors required by law. All specifications are subject to change without notice.

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