

## 1977 Trek Bike Catalog

This is an 8 page Trek catalog that describes complete bikes that were based on the TX300 - TX900 series of frames, the first models Trek produced. While these early frames were sold throughout the country, complete Trek bikes were initially sold only in the Midwest. This brochure is thought to have been produced to support these Midwest sales. The brochure is undated, but is likely is from 1977, but could be 1976.

At TREK skilled frame building is basic to bicycle construction.

The frame is the most important part of any bicycle. Properly designed and carefully built, it will last a lifetime. A TREK frame, matched with the right components, will give performance expected only from custom-built bicycles.

As designer/builders we have attempted to balance the traditional with the contemporary. Custom design with advanced engineering. Hand-craftsmanship with precision machine

tooling. In order to meet the strict engineering requirements of our frames, we have specified a select group of frame components, designed for maximum durability, handling ease and riding comfort.

Our goal is very simple—to produce a hand-crafted, limited-production frame of uncompromising quality. And to offer it at a fair price, with the built-in cost advantage of domestic American production.

Our reputation rides on that quality. And your satisfaction depends on it.

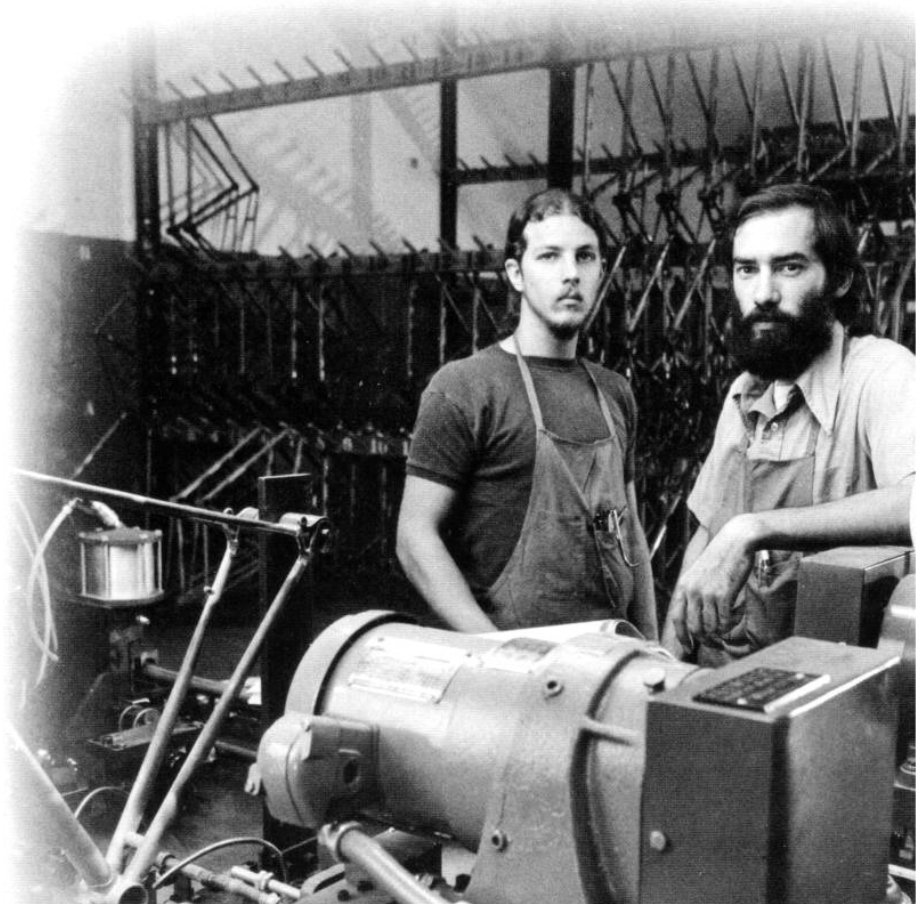
## TREK frames— try one on for size

Because people come in different sizes and proportions, so do TREK frames. We place great emphasis on fully proportioned frame size designs. The length of every tube is coordinated with the length of the seat tube. Therefore, the critical dimensions of each TREK frame are unique to that particular size. Angles and tube lengths are calculated to ensure a comfortable ride and responsive handling no matter what the frame size. See figure 1 and table 1 for complete frame geometry.

Our principle criterion in frame design is performance. This attention to engineering detail has resulted in a particularly clean and functional appearance. With the TREK design, we feel we have developed a beautiful, practical—and uniquely engineered—frame configuration that allows for most conditions of touring and racing.

(For complete technical information, see Table 2)

# TREK— the frame





# The TREK frame—technical information

TABLE 1

FRAME GEOMETRY (see blueprint)

	A	B	C	D	E	F	G	H
19 $\frac{3}{4}$ "	49cm	73°	71°	53cm	44cm	5.5cm	6cm	102.1cm
21"	52cm	73°	71.5°	54cm	44cm	5.5cm	6cm	102.8cm
22 $\frac{1}{2}$ "	56cm	73°	73°	56cm	44cm	5.5cm	6cm	103.5cm
24"	60cm	73°	73°	58cm	44cm	5.5cm	6cm	105.5cm
25 $\frac{1}{2}$ "	64cm	73°	73°	60cm	44cm	5.5cm	6cm	107.5cm

NOTE: Model TX900: Fork rake (F): 4.5cm  
Chain stay length (E): 42cm

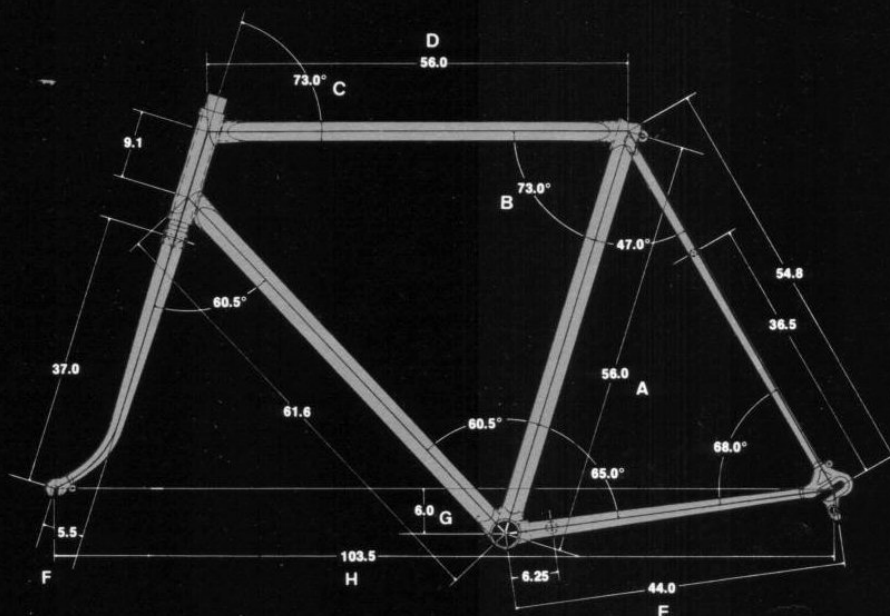


Figure 1 (Illustration of 22 $\frac{1}{2}$ " frame—engineer's drawing)

TABLE 2

	TX200	TX300	TX500	TX700	TX900
Tubing	Ishiwata 0265 Hi Tensile. Double butted	Ishiwata 0265 Hi Tensile. Double butted	Ishiwata 022 Chrome Mo-lybdenum. Double butted. Fork blades New Continental Oval	Reynolds 531. Fork blades New Continental Oval.	Columbus SP/SL. Fork blades New Continental Oval.
Fork Crown	Ishiwata cut-away diamond top	Ishiwata cutaway diamond top	Forged semisloping Cinelli type	Forged semisloping Cinelli type	Forged semisloping Cinelli type
Lugs and Bottom Bracket Shells	Nikko Sangyo long point Italian cut	Nikko Sangyo long point Italian cut	Nikko Sangyo long point Italian cut	Nikko Sangyo long point Italian cut	Nikko Sangyo long point Italian cut. Lugs and B/B are hand drilled. Seat lug is integral allen key fastback configuration.
Dropouts	Suntour GT forged	Suntour GS-11 forged micro adjusting	Suntour GS-11 forged micro adjusting	Campagnolo Record Road with eyelets	Campagnolo Record Road with eyelets
Brazing Rod	Main triangle and fork crown: Eutectic 1810 low temp silver alloy. Front and rear dropouts: Eutectic low temp nickel/bronze alloy.				
Mitering	See table above for tube length and angle variations. Individual tubes are mitered to specific angles with miter angle tolerance within one tenth of one degree accuracy.				
Finish	Bare metal chemical treatment and rust inhibitor: Oakite Crycoat <sup>®</sup> 187 Primer: Dupont 825 S Corlar <sup>®</sup> Epoxy Zinc Chromate Primer Paint: Dupont Imron <sup>®</sup> Polyurethane Enamel				

## America discovers Columbus . . . . . . Reynolds and Ishiwata too!

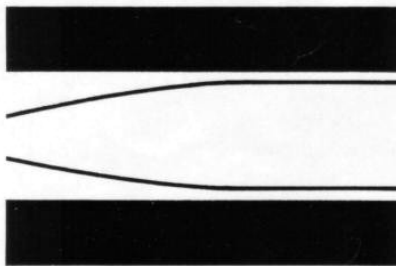
Our designers have selected what we consider to be the finest European and Japanese tubing available. Because most bicycling enthusiasts have developed preferences for the properties found in one or another of these tubes, TREK offers a choice of:

Columbus SP/SL—Chrome  
Molybdenum  
Reynolds 531—Manganese  
Molybdenum  
Ishiwata 022—Chrome Molybdenum  
Ishiwata 0265—Hi Tensile



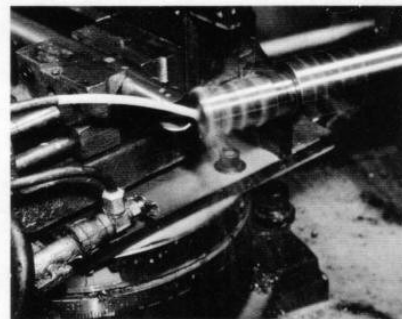
All TREK frames are constructed of double-buttet tubing. The stresses on any bicycle frame are concentrated at the joints. That's why the tube ends need more strength than the middles.

The double-buttet tubes used by TREK have thicker walls at the tube ends than in the middle—meaning extra strength for extra lightness.



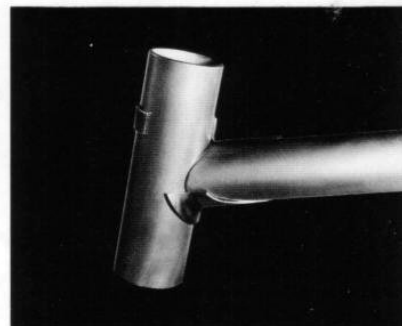
## TREK precision mitering . . . a cut or two or three or four above the rest

What you can't see is what you get. And what you can't see is most important—the precisely mitered junctures behind each hand-brazed lug. In each TREK frame, there are at least 20 tube sections that must be individually mitered. Every tube is machined and sectioned with a fish-mouth cut to fit perfectly, before the lug is slipped in place. The fit is so precise that every frame could actually be lugless. This extra attention to the



mitering process maintains the proper angles and dimensions on the TREK frame.

It is this careful machine mitering, together with our strict material specifications, that create TREK frame rigidity, high strength to weight ratio, and comfortable ride and handling characteristics.



# TREK— the bicycle

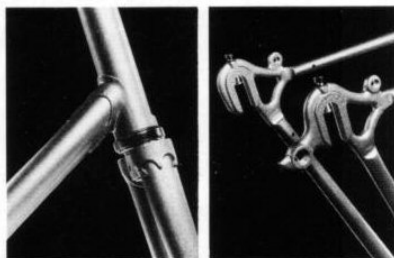


## Every TREK frame has a silver lining

Low temperature gas brazing is essential for a strong, yet light weight bicycle frame. A properly brazed lug distributes stress over the entire area of contact between the lug and the tubes. However, high temperatures can weaken frame tubing. At TREK,



we use a low temperature silver alloy brazing compound for all lug areas. Because of the high silver content, brazing can be done at lower temperatures, and therefore, the tensile strength of the tubing is not affected . . . strength that would be greatly diminished with less expensive brazing compounds.



## Beauty is more than skin deep

To ensure adhesion of the final paint finish and to give added rust protection, the bare frames are dipped in a five-tank chemical cleaning and metal treatment system. This provides a uniform, chemically bonded, rust resistant finish prior to painting.



## A TREK frame isn't done until it is finished . . . with Dupont's Imron® Polyurethane

Paint must provide more than just color. TREK's extremely durable chemical solvent and chip resistant primer and final coat process actually forms a protective surface. Dupont Imron® Polyurethane enamel, when



combined in a two-part process with Dupont Corlar® Epoxy primer, offers long term gloss retention while remaining exceptionally resistant to the type of adverse conditions a bicycle rider might expect. Such as gravel projections. Extended exposure to sunlight. Road salt. And chemicals found in lubricants or dissolved in rain water. It is a finish that has, until now, only been available from custom frame builders.

A good bicycle is more than just the sum of its components and frame. The frame must be compatible with the components. Their interaction is fundamental to the performance and ride of the bicycle.

The TREK bicycle offers a unique combination for the serious bicyclist. We have matched a series of frames which are of workmanship, ride and handling characteristics, usually available only from the custom builder, to some of the finest European and Japanese components. This match of frame and components is basic to the complete line of TREK bicycle models . . . ranging from professional road racing to light touring.





TREK makes history at Waterloo

... where TREK craftsmen apply American design and engineering technology to the limited production of top quality bicycles and frames.

# SPECIFICATIONS

500 27mm 156

145 275 265 250 285 280 335 435 550 785

	TX201	TX302	TX304	TX502	TX504	TX702	TX704	TX705	TX706	TX907
FRAME	TREK TX200 (See frame specifications.)	TREK TX300 (See frame specifications.)	TREK TX300 (See frame specifications.)	TREK TX500 (See frame specifications.)	TREK TX500 (See frame specifications.)	TREK TX700 (See frame specifications.)	TREK TX700 (See frame specifications.)	TREK TX700 (See frame specifications.)	TREK TX700 (See frame specifications.)	TREK TX900 (See frame specifications.)
CRANK SET	Sugino New Maxy NJX-1 cotterless alloy	Sugino New Maxy NJX-1 cotterless alloy	Sugino New Maxy NJX-2ALB cotterless alloy	Sugino New Maxy NJX-1 cotterless alloy	Sugino New Maxy NJX-2ALB cotterless alloy	Sugino New Maxy NJX-1 cotterless alloy	Sugino New Maxy NJX-2ALB cotterless alloy	Sugino New Maxy NJX-2ALB cotterless alloy	Shimano Dura-Ace	Campagnolo Nuovo Record
BRAKES	Dia Compe alloy center-pull. Extension levers with quick release incorporated.	Dia Compe alloy center-pull. Racing levers with gum hoods and quick release.	Dia Compe G500 sidepull. Drilled racing levers with gum hoods.	Dia Compe alloy center-pull. Racing levers with gum hoods and quick release.	Dia Compe G500 sidepull. Drilled racing levers with gum hoods.	Dia Compe alloy center-pull. Racing levers with gum hoods and quick release.	Dia Compe G500 sidepull. Drilled racing levers with gum hoods.	Dia Compe G500 sidepull. Drilled racing levers with gum hoods.	Shimano Dura-Ace	Campagnolo Record
HEADSET	Micro adjust	Micro adjust	Micro adjust	Micro adjust	Micro adjust	Micro adjust	Micro adjust	Micro adjust	Shimano Dura-Ace	Campagnolo Record
HANDLE BAR	S.R. custom engraved alloy	S.R. custom engraved alloy	S.R. custom engraved alloy	S.R. custom engraved alloy	S.R. custom engraved alloy	S.R. custom engraved alloy	S.R. custom engraved alloy	S.R. custom engraved alloy	S.R. custom engraved alloy	Cinelli 64 Road
STEM	S.R. alloy. Recessed allen key	S.R. alloy. Recessed allen key	S.R. alloy. Recessed allen key	S.R. alloy. Recessed allen key	S.R. alloy. Recessed allen key	S.R. alloy. Recessed allen key	S.R. alloy. Recessed allen key	S.R. alloy. Recessed allen key	S.R. alloy. Recessed allen key	Cinelli 1/A Road
DERAIL LEURS	Suntour VGT LUXE rear with Compe V front and ratchet stem shifters	Suntour VGT LUXE rear with SL front and PDLM ratchet downtube levers	Suntour Cyclone GT front and rear with PDLM ratchet downtube levers	Suntour VGT LUXE rear with SL front and PDLM ratchet downtube levers	Suntour Cyclone GT front and rear with PDLM ratchet downtube levers	Suntour VGT LUXE rear with SL front and PDLM ratchet downtube levers	Suntour Cyclone GT front and rear with PDLM ratchet downtube levers	Suntour Cyclone GT front and rear with Barcon finger-tip bar-end controls	Crane GT rear with Dura-Ace front and Dura-Ace bar-end controls	Campagnolo Nuovo Record
FREE-WHEEL	Suntour perfect 14-28	Suntour procomp 14-28	Suntour procomp 14-28 freewheel with Izumi "gold" chain	Suntour procomp 14-28	Suntour procomp 14-28 freewheel with Izumi "gold" chain	Suntour procomp 14-28	Suntour procomp 14-28 freewheel with Izumi "gold" chain	Suntour procomp 14-28 with Uniglide gold chain	Dura-Ace 14-28 with Uniglide gold chain	Regina Oro 14-24 with Regina Oro chain
PEDALS	MKS ratrap with CPSC reflectors	MKS alloy ratrap with CPSC reflectors	MKS quill alloy with CPSC reflectors. Toe clips and straps	MKS alloy ratrap with CPSC reflectors	MKS quill alloy with CPSC reflectors. Toe clips and straps	MKS alloy ratrap with CPSC reflectors	MKS quill alloy with CPSC reflectors. Toe clips and straps	MKS Unique alloy with CPSC reflectors. Toe clips and straps	Pro Ace road with CPSC reflectors. Toe clips and straps	Campagnolo Record road with CPSC reflectors. Toe clips and straps
WHEELS	Sanshin large flange alloy hubs. Quick release front. Araya hi-pressure steel rims	Sanshin large flange alloy quick release hubs with hi-pressure alloy rims	Shimano '600' Series small flange hubs. 22 mm. narrow profile alloy rims	Sanshin large flange alloy quick release hubs with hi-pressure alloy rims	Shimano '600' Series small flange hubs. 22 mm. narrow profile alloy rims	Sanshin large flange alloy quick release hubs with hi-pressure alloy rims	Shimano '600' Series small flange hubs. 22 mm. narrow profile alloy rims	Sanshin 'ProAm' small flange hubs. Weinmann concave A124 narrow profile alloy rims	Dura-Ace small flange hubs. Weinmann concave A124 narrow profile alloy rims	Campagnolo Record small flange hubs with Super Champion Arc on Gel rims. Butted stainless spokes.
TIRES	IRC B5 1.1/4" hi-pressure tires and tubes	IRC 90 lb. 1-1/8" hi-pressure tires and tubes	IRC Roadlite 90 lb. 1" narrow profile tires and tubes	IRC 90 lb. 1-1/8" hi-pressure tires and tubes	IRC Roadlite 90 lb. 1" narrow profile tires and tubes	IRC 90 lb. 1-1/8" hi-pressure tires and tubes	IRC Roadlite 90 lb. 1" narrow profile tires and tubes	IRC Roadlite 90 lb. 1" narrow profile tires and tubes	IRC Roadlite 90 lb. 1" narrow profile tires and tubes	Clement 70 tubulars
SADDLE AND SEAT PIN	Elina pro saddle with alloy seat pin	Elina pro saddle with alloy seat pin	Elina pro saddle with SR custom adjustable seat pin	Elina pro saddle with alloy seat pin	Elina pro saddle with SR custom adjustable seat pin	Elina pro saddle with alloy seat pin	Elina pro saddle with alloy seat pin	Elina Super Pro brown suede leather saddle. S.R. custom adjustable seat pin	Elina Super Pro brown suede leather saddle. S.R. custom adjustable seat pin	Cinelli 65/N buffalo saddle

A complete statement of our Warranty is included in the Owner's Manual. TREK BICYCLE CORPORATION reserves the right to change specifications without notice.

TREK BICYCLE CORPORATION  
WATERLOO, WISCONSIN 53594