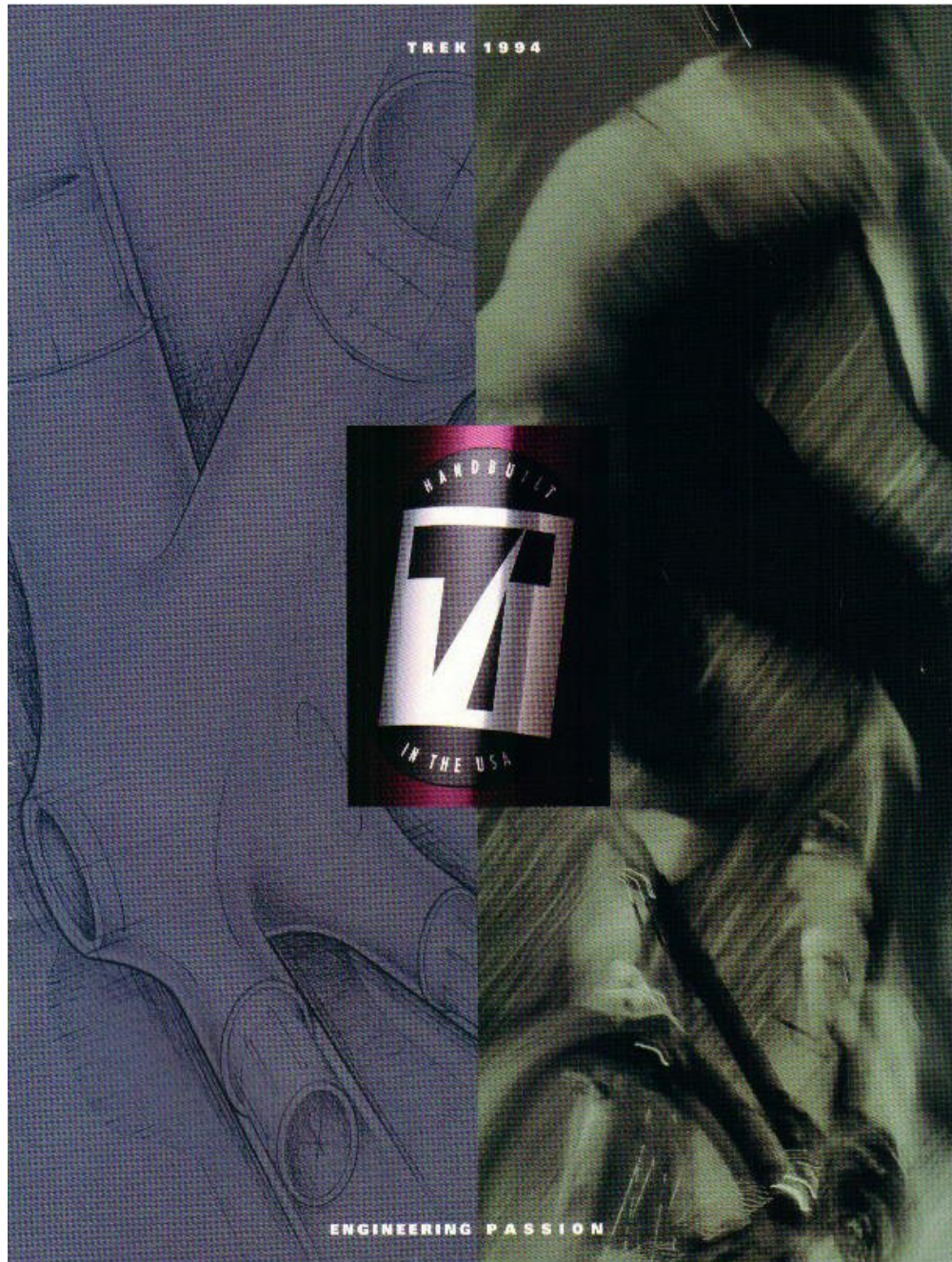


1994 Trek Catalog



This is an extract from the 1994 Trek Catalog. It contains details on the two steel-framed road bikes that Trek made this year: models 520 and 370.

It is followed by two tables that contain the specifications for all of the 94 Trek bikes. The colors for the various bike models are included in the tables.

All of the pages can be enlarged to see more detail.

At any time of year, recreational riding provides a much needed break from your breakneck schedule. It's the perfect attitude adjuster, battery recharger and stress reducer because this workout comes with scenery you won't find in any gym.

Prefer a more strenuous exercise regimen? These bikes can get as serious as you do! That's because they share a common heritage of superior engineering, materials and componentry with all Trek models.

Leave the rat race behind.

Examples: The 520 incorporates our latest innovations in oversize (OS), thin-wall, TIG welded Cro-Moly for lightweight durability. Also, our 370 boasts many specifications typically reserved for performance road racers.

Trek tandems are the work of a team of specialists focusing their individual talents on this one model line. The result has been a wave of design innovations, including more laterally and torsionally rigid frames, a beefy, tandem-specific fork to better accommodate increased weight loads, and ergonomically-correct, rider-friendly captain and stoker cockpits that dramatically improve power generation, control and comfort.

The time to get started in tandem, touring, or road riding is now. What a great way to leave the rat race behind, break out of the maze, and blaze some exciting new trails to a healthier, happier lifestyle!



520 Cro-Moly Touring

Just adding extra bosses to a road frame doesn't cut it. The 520 has lower gearing for sustained pedaling efficiency, a longer wheel base for stability, and relaxed head angle for comfort. You got it! Made from light, rugged, oversize (OS) TIG welded Cro-Moly like our SingleTrack frame. Like the person who buys it, the adventurous 520 is ready for anything.

Sizes: 17, 19, 21, 23, 25". **Frame/Fork:** Trek True Temper custom butted & TIG welded Cro-Moly; Trek hybrid Cro-Moly fork w/low-rider mounts.

Drivetrain: Shimano Deore LX w/SIS bar end shifters. **Hubset:** Shimano Deore LX.

Rims: Matrix Titan Tour, 36 hole. **Tires:** Trek Iso Tech 3K, 700x28c, Kevlar belted.

Brakeset: Shimano Deore LX M-System cantilever w/aero levers. **Color:** Black Forest Green w/Gold decals.



370 Cro-Moly Sport

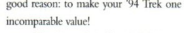
You want a road bike. You want Trek quality. Problem is you've got more good sense than money. Well, here's big fun on your terms, financial and otherwise: double butted Cro-Moly frame, a full Shimano drivetrain with 14-speed HyperGlide shifting and performance tires. If you pass out in the showroom, it will be from excitement; not sticker shock, guaranteed!

Sizes: 19, 21, 23, 25". **Frame/Fork:** Trek double butted Cro-Moly main tubes w/high tensile steel stays; Cro-Moly fork. **Drivetrain:** Shimano 300EX crankset, HyperGlide w/400EX rear derailleur & levers. **Hubset:** Alloy quick release.

Rims: Araya alloy, 36 hole. **Tires:** Trek Iso Tech 2, 700x25c. **Brakeset:** Shimano Exage SLR. **Color:** Pearl Red w/White decals.

In the introduction to this catalog, we promised you a custom, hand-built bike delivering a level of performance our competitors can't begin to touch for the price.

This grid, a spec matrix, proves we're as good as our word. It represents the combined input of 20 engineers, a dozen product managers and gearheads who speak componentry fluently. They comparison shop, comparison ride and comparison test every component manufacturer's best and brightest ideas every year. Including every headset, crank,



If you're technically minded, here's everything you need to know to make side-by-side comparisons of every bike in our line. Or someone else's line. Go ahead. See for yourself why Trek owners always sit a little taller in the saddle than anyone else.

If you're not technically minded, skip this stuff and see your Trek dealer for a translation and a test ride. He or she can suggest the models, sizes, componentry and accessories that fit your needs exactly. And bike building just doesn't get any more custom than that!

[illegible]

A schematic diagram of a mechanical linkage system. It features a fixed frame with pivot points A and B. A crank of length \$r\$ is attached at point B. A connecting rod of length \$l\$ connects the crank to a slider block G. The slider block moves vertically along a guide. Horizontal dimensions are labeled as \$C\$ and \$D\$. An angle \$\alpha\$ is indicated between the vertical guide and the connecting rod.

See footnotes at end of table for more information on data sources and methodology. Specifications are subject to change without notice.

Model	Expense Line	A	B	C	D	E	F	G	Total	Standard
9500	16.5	70.57	72.97	104.0229	4.04187	29.84177	3.375	103.8040	7.803	71.2306
	16.6	71.07	73.07	104.1293	4.04187	29.84177	3.375	104.0410	7.803	71.1792
	16.5	71.07	72.97	104.0229	4.04187	29.84177	3.375	104.0410	7.803	71.1792
	16.6	71.07	73.07	104.1293	4.04187	29.84177	3.375	104.0410	7.803	71.1792
	21.0	71.07	72.97	104.0229	4.04187	29.84177	3.375	104.0410	7.803	71.1792
9600	16.5	70.57	72.97	104.0222	4.04187	30.56120	3.375	103.8040	7.803	71.0629
	16.6	71.07	73.07	104.1225	4.04187	30.56120	3.375	104.0410	7.803	71.0000
	20.0	71.07	73.07	104.1225	4.04187	30.56120	3.375	104.0410	7.803	71.0000
	21.0	71.07	72.97	104.0222	4.04187	30.56120	3.375	104.0410	7.803	71.0000
	22.0	71.07	72.97	104.0222	4.04187	30.56120	3.375	104.0410	7.803	71.0000

A diagram of a truss structure with dimensions C , S , and A .

[illegible]

Geek Speak: glossary of component terms

Trek System 1,2,3,4 – Full line, Trek-designed components, performance matched to our '94 line and available through authorized Trek dealers to upgrade all bike models. See page 13 for complete details.

ErgoPower – Campagnolo's triple and double crank compatible brake and shift system allowing convenient access with many cogs with a single actuation.

GripShift – An innovative shifting system. Part of the handlebar grip rotates back and forth, clicking into each gear.

HyperDrive – Shimano's proprietary front chaining design promoting error-free shifting across all rings.

HyperGlide – Shimano's computer-designed cassette sprocket achieves smoother, faster shifting under heavy loads without releasing pedal pressure.

M-System – Shimano's multi-condition brake system with specialized shoes, levers and cables designed for enhanced stopping power in rain, mud and snow.

OptiGear – Shimano's handlebar mounted "gear at a glance" indicator.

OS (oversize) – Trek-speak for large diameter, three-spoke valves achieved desired strength with significant weight reduction.

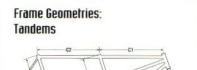
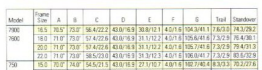
Parallax – Shimano's oversize hub system designed to minimize wheel flex, especially beneficial on suspension-equipped bikes.

RapidFire – Shimano's under handlebar, two-finger shift system allows rider to maintain grip and control during extreme maneuvers.

SIS/Dual SIS – Shimano Integrated Shifting, Shift mechanism riders control cable advance for shift, precise gear changes without over-use of shifters.

SLS/Super SLS – Shimano Linear Revolution reducing leverage, cables and cables/drawers delivering, ride-modulated braking power.

SPD – Shimano Pedaling Dynamics, Cleatless pedal system designed to lock in proper foot position and angle for maximum power transfer.



Model	Page Size	A	B	C	D	E	F	G	Total	Standover
7000	16.5	70.5	73.0	56.4/22.2	43.0/16.9	30.8/12.1	4.0/1.6	104.3/41.1	7.6/3.2	24.3/29.2
	18.0	71.0	73.0	57.4/22.6	43.0/16.9	31.1/12.2	4.0/1.6	125.4/48.6	7.3/2.9	4.6/30.1
	20.0	71.0	73.0	57.4/22.6	43.0/16.9	31.1/12.2	4.0/1.6	125.7/47.6	7.2/2.9	79.4/31.1
	22.0	71.0	73.0	58.5/23.0	43.0/16.9	31.3/12.3	4.0/1.6	136.0/48.7	7.1/2.9	40.5/32.9
750	16.5	70.0	34.0	54.5/21.3	43.0/16.9	27.1/10.7	4.0/1.6	102.7/40.4	7.3/2.9	20.2/27.1

Model	Frame Size	A	B	C	D	E	F	G	Trail	Standard
1	15.5	70.0	73.0	53.0/25.5	45.5/17.7	25.5/11.7	4.0/1.6	105.3/41.5	6.3/3.3	31.9/26.3
2	17.5	70.5	73.5	54.0/27.1	43.5/17.2	26.5/11.7	4.0/1.6	103.0/40.5	6.1/3.1	34.4/29.4
3	19.5	71.5	73.5	55.5/27.9	43.5/17.2	26.5/11.7	4.0/1.6	103.0/40.5	7.4/4.2	37.7/33.0
4	21.5	71.5	73.5	56.5/27.2	43.5/17.2	26.5/11.7	4.0/1.6	104.0/40.5	7.4/4.2	41.1/31.9
5	23.5	71.5	73.5	57.5/22.8	43.5/17.2	26.5/11.7	4.0/1.6	105.3/41.5	7.4/4.2	45.6/35.7

Frame Size	A	B	C	D	E	F	G	Total	Standard
10	72.8	75.0	93.1/29.9	40.8/15.1	26.8/12.5	4.7/1.9	37.5/28.5	6.0/2.4	74.6/29.5
32	72.5	75.0	92.7/30.0	40.8/15.1	26.8/12.5	4.7/1.9	38.2/28.7	5.7/2.2	75.0/29.4
75	73.1	74.8	94.5/31.5	41.8/16.1	28.8/13.5	4.7/1.9	38.7/28.9	5.4/2.1	77.2/30.9
128	75.75	75.5	96.5/22.2	41.8/16.1	28.8/13.6	4.3/1.7	38.6/28.8	5.3/2.1	79.3/31.2
168	75.75	75.5	97.0/22.2	42.1/16.2	28.8/13.6	4.3/1.7	39.0/29.1	5.3/2.1	81.1/31.9

Geometries:

S



Diagram showing a tapered shaft with dimensions C2 and C1.

Model	Inner Size	A	B	C	D
T200	1.50	72.5	73.0	54.0/21.3	43.0/17.0
T100	2.46		73.0	60.0/23.6	
T50	1.54	72.5	73.0	54.5/21.5	43.0/17.0
	2.50		73.0	60.0/23.7	
	1.53	73.0	73.0	55.7/21.9	43.0/17.0