



Panasonic

**Enter a world where muscle unites
with machine to meet the challenges
of swiftness, endurance, and power.
Enter the world of Panasonic bicycles.**

Whether you're planning to race on a world-class velodrome, or just take a leisurely tour through the country, Panasonic bicycles are designed for top performance. For more than thirty years, our parent company, Matsushita Electric Industrial Company, Ltd., has given the world some of the best built bicycles. And consistent with our philosophy of listening carefully to the public's demands, we offer you a line of bicycles to suit virtually every need.

Each Panasonic bicycle is carefully crafted with strict attention to detail. Innovative space-age technologies are incorporated in everything from performance features to striking cosmetic design. Ultra-modern factories employ the latest techniques of construction and testing, to ensure the high standard of quality you've come to expect from Panasonic. Quality that's been proven the world over.

For the racer or high-performance enthusiast, the Panasonic Team series offers technology to help you push to the limits. Columbus™ SP/SL tubing, Campagnolo parts, and other competition-class features are engineered to give heavyweight strength with a lightweight design. The Panasonic Track Bike features Cr-Mo tubing and alloy components for super racing performance. And our Deluxe and Sport bicycles offer some of the same top features, for the serious cycling hobbyist.

If "getting there" is the kind of fun you're after, Panasonic has a wide range of Touring and City bikes to choose from. Models ranging from single speed, to 10, 15, and 18 speeds can get you there in style and comfort. If riding off-the-beaten-track is more your style, our 15 and 18 speed ATB bikes combine rugged design with racing technologies, enabling you to take on very demanding terrain. For younger cyclists, Panasonic Children's bikes are built for safety and sturdiness -- to last through years of enjoyment. And for year-round fitness, Panasonic Exercise bicycles let you enjoy the health benefits of cycling right in your own home.

Whatever your bicycling need, there's a Panasonic bicycle that's right for you -- each and every model having the Panasonic reputation built right in. So whether you're bound for a triathlon victory, or bound for adventure in the countryside, you can ride with confidence. Panasonic bicycles will take you as far as you want to go.

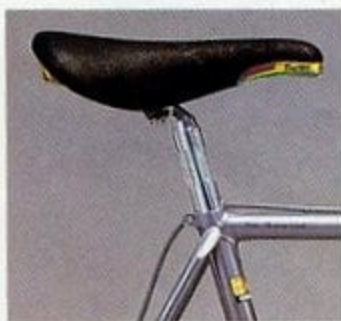
14 Speed



Model Number	TEF-851	TEF-858
	TEF-853	TEF-861
	TEF-856	
Frame Size	TEF-851... 51cm	TEF-858... 58cm
	TEF-853... 53cm	TEF-861... 61cm
	TEF-856... 56cm	
Frame	Columbus SP & SL Cr-Mo double butted tubes, Lostwax head & lugs, Campagnolo 1010B forged ends and Campagnolo Nuovo Record B.B.set	
Fork	Columbus SP blades, Tange C-10 lostwax crown, Campagnolo 1010B forged ends and Campagnolo Nuovo Record head set	
Handlebar	Nitto No.55, Maes alloy	
Stem	Nitto Pearl, Forged alloy	
Saddle	Selle Italia Super Turbo with Campagnolo Nuovo Super Record post	
Crankset	Campagnolo Super Record 1049/A 53/42T	
Freewheel	SunTour New winner 7-speed	
Chain	SunTour Superbe Silver, 1/2" x 3/32" x 106 links	
Hubs	Campagnolo Record 1034, 32H	
Rear Derailleur	Campagnolo Super Record	
Front Derailleur	Campagnolo Super Record	
Shifting Lever	Campagnolo Record 10135N-1, Braze on down tube mounted	
Brakes	Campagnolo Super Record 47mm reach, Alloy with Super Record levers	
Rims	Campagnolo Victory Strada 32mm Super hard anodized	
Tires	Panaracer tubular 200gr. Comp.	
Spokes	Stainless 14G	
Pedals	Campagnolo Record 1037/A with alloy toe clips	
Accessories	Cushion handlebar tape/Toe straps/Plastic spoke protector, rear, side and pedal reflectors	
Color	Special Tri Color Paint	



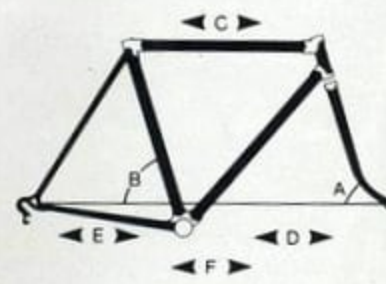
Campagnolo Super Record 1049/A crankset, front derailleur and Record 1037/A pedals with toe clips and straps.



Columbus SP/SL frame, lostwax seat lug, Campagnolo seat post and Selle Italia Super Turbo saddle.



Columbus SP front fork, Tange C-10 lostwax fork crown and Campagnolo Super Record brake arch.



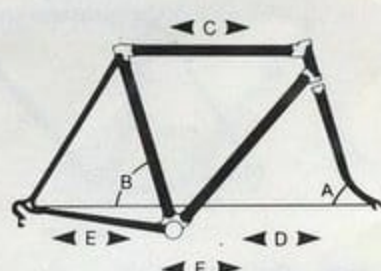
Frame Size	A	B	C	D	E	F
51cm	71°30'	74°15'	530mm	589mm	410mm	91mm
53cm	72°	74°	540	587	410	91mm
56cm	72°30'	74°	550	589	410	91mm
58cm	73°30'	74°	560	590	410	91mm
61cm	74°	74°	570	595	410	91mm



Model Number	TA-851 TA-858 TA-853 TA-861 TA-856
Frame Size	TA-851... 51cm TA-858... 58cm TA-853... 53cm TA-861... 61cm TA-856... 56cm
Frame	Columbus SP & SL Cr-Mo double butted tubes, Lostwax head & seat lugs, Shimano EF forged ends and Shimano New Dura-Ace sealed B.B.set
Fork	Columbus SP blades, Tange C-10 lostwax crown, Shimano EF forged ends and Shimano New Dura-Ace sealed head set
Handlebar	Nitto No.165, Maes alloy
Stem	Nitto Pearl, Forged alloy
Saddle	Selle Italia Super Turbo with Shimano Dura-Ace EX seat post
Crankset	Shimano New Dura-Ace 53/42T
Freewheel	Shimano New Dura-Ace 6-speed 12-19T, Cassette type
Chain	Shimano 600UG Silver, 1/2" x 3/32" x 106 links
Hubs	Shimano New Dura-Ace Freehub sealed mechanism 32"
Rear Derailleur	Shimano New Dura-Ace S.I.S.
Front Derailleur	Shimano New Dura-Ace
Shifting Lever	Shimano New Dura-Ace S.I.S. Brazed on down tube mounted
Brakes	Shimano New Dura-Ace, Alloy side-pull with Dura-Ace AX aero levers
Rims	Araya Aero tubular ADX-4, 32" Super hard anodized
Tires	Panaracer tubular 200gr. Competition
Spokes	Stainless 14G
Pedals	Shimano New Dura-Ace with reflectors
Accessories	Cushion handlebar tape/Toe clips and straps/Plastic spoke protector/Front, rear and side reflectors
Color	Special Tri Color Paint



Shimano New Dura-Ace crankset, front derailleur and pedals with toe clips and straps.



Frame Size	A	B	C	D	E	F
51cm	71°30'	74°15'	530mm	589mm	410mm	990mm
53cm	72°	74°	540	587	410	987
56cm	72°30'	74°	550	589	410	989
58cm	73°30'	74°	560	590	410	990
61cm	74°	74°	570	595	410	995



Shimano New Dura-Ace rear derailleur and 6-speed freewheel.



Columbus SP front fork, Tange C-10 lostwax fork crown and Shimano New Dura-Ace brake arch.



Columbus SP/SL frame, lostwax seat lug and Selle Italia Super Turbo saddle with Shimano New Dura-Ace seat post.



Italian cut head lug with SunTour Superbe Pro sealed mechanism head parts and pump peg.



Model Number	TJ-851 TJ-858 TJ-853 TJ-861 TJ-856
Frame Size	TJ-851... 51cm TJ-858... 58cm TJ-853... 53cm TJ-861... 61cm TJ-856... 56cm
Frame	Columbus SP & SL Cr-Mo double butted main tubes, Lostwax seat lug, SunTour forged ends and sealed B.B.set
Fork	Tange Cr-Mo blades, C-2 crown, SunTour forged ends and sealed head set
Handlebar	SR CTD, Maes alloy
Stem	SR CT alloy
Saddle	Selle Italia Turbo with SunTour Superbe Pro seat post
Crankset	SunTour Superbe Pro 53/42T
Freewheel	SunTour New winner 7-speed 13-21T
Chain	SunTour Superbe Silver, 1/2" x 3/32" x 108 links
Hubs	SunTour Superbe Pro sealed bearing 32H
Rear Derailleur	SunTour Superbe Pro with sealed bearing pulleys
Front Derailleur	SunTour Superbe Pro
Shifting Lever	SunTour Superbe Pro Brazed on down tube mounted
Brakes	SunTour Superbe Pro Alloy side-pull with CB-2200 Superbe Pro levers
Rims	Araya Aero tubular ADX-4 32H Super hard anodized
Tires	Panaracer tubular 230gr. Leger
Spokes	Stainless 14G
Pedals	SunTour Superbe Pro sealed bearing with reflectors
Accessories	Cushion handlebar tape/Toe clips and straps/Plastic spoke protector/Front, rear and side reflectors
Color	Imperial Red



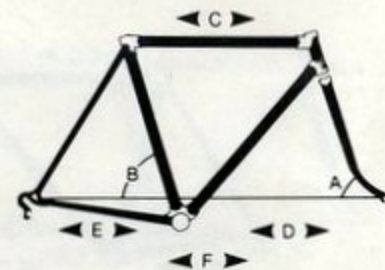
SunTour Superbe Pro rear derailleur and SunTour New winner 7-speed freewheel.



SunTour Superbe Pro crankset, front derailleur and sealed bearing pedals with toe clips and straps.



Columbus SP/SL frame and lostwax seat lug, Selle Italia Turbo saddle with SunTour Superbe Pro seat post.

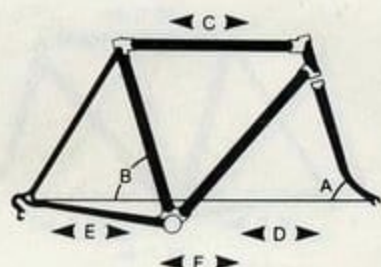


Frame Size	A	B	C	D	E	F
51cm	71°30'	74°	530mm	586mm	410mm	986mm
53cm	72°	74°	540	588	410	987
56cm	73°	74°	550	590	410	989
58cm	73°30'	74°	560	595	410	995
61cm	73°30'	74°	570	605	410	1005



Model Number	TES-851 TES-853 TES-856	TES-858 TES-861
Frame Size	TES-851... 51cm TES-853... 53cm TES-856... 56cm	TES-858... 58cm TES-861... 61cm
Frame	Columbus SP & SL Cr-Mo double butted main tubes, Lostwax seat lug, Tange forged ends and Campagnolo Victory B.B.set	
Fork	Tange Cr-Mo blades, C-2 crown, forged ends and Campagnolo Victory head set	
Handlebar	SR CTD, Maes alloy	
Stem	SR CT alloy	
Saddle	Selle Italia Turbo with Campagnolo Victory seat post	
Crankset	Campagnolo Victory 52/42T	
Freewheel	SunTour New winner 7-speed 13-21T	
Chain	SunTour Ultra 6, 1/2" x 3/32" x 106 links	
Hubs	Campagnolo Victory	
Rear Derailleur	Campagnolo Victory	
Front Derailleur	Campagnolo Victory	
Shifting Lever	Campagnolo Victory Braze on down tube mounted	
Brakes	Campagnolo Victory 47mm reach, Alloy side-pull with Victory levers	
Rims	Campagnolo Victory Crono Super hard anodized	
Tires	Panaracer tubular 230gr. Leger	
Spokes	Stainless 14G	
Pedals	Campagnolo Victory with Toe clips and straps	
Accessories	Cushion handlebar tape/Plastic spoke protector/Front, rear and side reflectors	
Color	Pacific Blue	

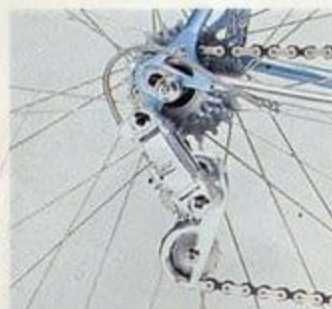
Campagnolo Victory Crono super hard anodized rim and stainless 14G spokes.



Frame Size	A	B	C	D	E	F
51cm	71°30'	74°	530mm	586mm	410mm	986mm
53cm	72°	74°	540	588	410	987
56cm	73°	74°	550	590	410	989
58cm	73°30'	74°	560	595	410	995
61cm	73°30'	74°	570	605	410	1005



Campagnolo Victory crankset, front derailleur and pedals with toe clips and straps.



Campagnolo Victory rear derailleur and SunTour Winner 7-speed freewheel.



Columbus SP/SL frame and lostwax seat lug, Selle Italia Turbo saddle with Campagnolo Victory seat post.



Shimano New 600 EX Biopace crankset, front derailleur and pedals with toe clips and straps.

Model Number	DF-851	DF-858
	DF-853	DF-861
	DF-856	DF-864
Frame Size	DF-851... 51cm	DF-858... 58cm
	DF-853... 53cm	DF-861... 61cm
	DF-856... 56cm	DF-864... 64cm
Frame	Tange Champion No.1 Cr-Mo double butted tubes, Lostwax seat lug, Tange forged ends and Shimano New 600EX sealed B.B. set	
Fork	Tange Cr-Mo blades, C-2 crown, forged ends and Shimano New 600EX sealed head set	
Handlebar	SR CTD, Maes alloy	
Stem	SR CT alloy	
Saddle	Selle Italia Turbo with SR CT-P5 micro adjusting seat post	
Crankset	Shimano New 600EX Biopace 52/42T	
Freewheel	Shimano New 600EX 6-speed 13-26T	
Chain	Shimano 600UG Silver, 1/2" x 3/32" x 108 links	
Hubs	Shimano New 600EX, Forged alloy small flange with Q.R., Sealed mechanism	
Rear Derailleur	Shimano New 600EX S.I.S.	
Front Derailleur	Shimano New 600EX	
Shifting Lever	Shimano New 600EX S.I.S. Brazed on down tube mounted	
Brakes	Shimano New 600EX, Alloy side-pull with Q.R., tire guide and 600AX levers	
Rims	Araya 20A, 700C, Alloy	
Tires	Panaracer Vertex (semi-bald tire) 700 x 23C High Extra 115PSI	
Spokes	Stainless 14G	
Pedals	Shimano New 600EX with reflectors	
Accessories	Front, rear and side reflectors/Cushion handlebar tape/Toe clips and straps/Plastic spoke protector/Allen key wrench	
Color	Grape Dust	



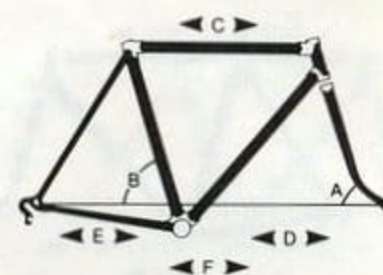
Tange C-2 sloping fork crown and Shimano New 600 EX brake arch.



Shimano New 600 EX S.I.S. rear derailleur and 6-speed freewheel.



Tange champion No.1 frame, lostwax seat lug and SR CT-P5 micro adjusting seat post.

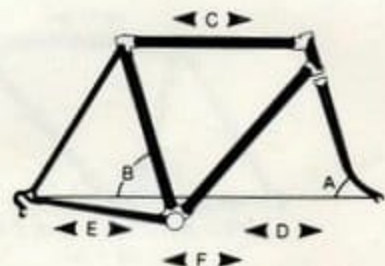
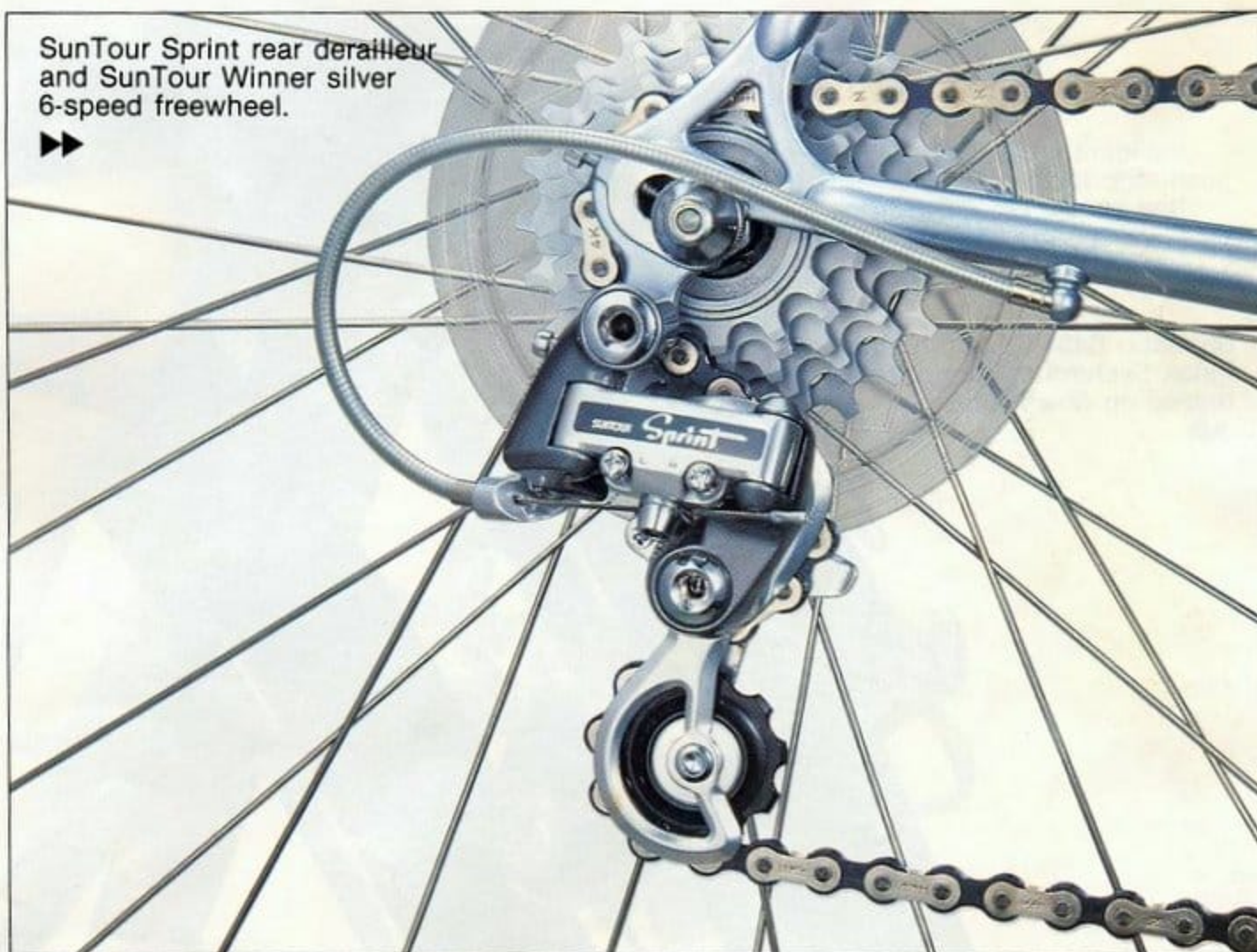


Frame Size	A	B	C	D	E	F
51cm	71°30'	74°	530mm	586mm	410mm	986mm
53cm	72°	74°	540	588	410	987
56cm	73°	74°	550	590	410	989
58cm	73°30'	74°	560	595	410	995
61cm	73°30'	74°	570	605	410	1005
64cm	74°	74°	580	610	410	1010



Model Number	DR-851 DR-858 DR-853 DR-861 DR-856
Frame Size	DR-851... 51cm DR-858... 58cm DR-853... 53cm DR-861... 61cm DR-856... 56cm
Frame	Tange Champion No.2 Cr-Mo double butted tubes, Lostwax seat lug, Tange forged ends and sealed B.B.set
Fork	Tange Cr-Mo blades, AC-2 crown, forged ends and sealed head set
Handlebar	SR CTD, Maes alloy
Stem	SR CT alloy
Saddle	Selle Italia Mundialita with Sugino SP-KCL micro adjusting seat post
Crankset	Sugino GLP Special, Alloy 52/42T
Freewheel	SunTour Winner Silver 6-speed 13-24T
Chain	HKK Z Silver, 1/2" x 3/32" x 108 links
Hubs	SR CRH-310QR Sealed mechanism, Alloy small flange with Q.R.
Rear Derailleur	SunTour Sprint
Front Derailleur	SunTour Sprint
Shifting Lever	SunTour Sprint Brazed on down tube mounted
Brakes	Dia-Compe G500N, Alloy side-pull with Q.R., tire guide and AC250G levers
Rims	Ukai 20A, 700C, Alloy
Tires	Panaracer Vertex (semi-bald tire) 700x23C High Extra 115PSI
Spokes	Stainless 14G
Pedals	KKT Pro-Vic II B Black with reflectors
Accessories	Front, rear and side reflectors/Cushion handlebar tape/Toe clips and Straps/Plastic spoke protector/Allen key wrench
Color	Ocean Blue

SunTour Sprint rear derailleur and SunTour Winner silver 6-speed freewheel.



Frame Size	A	B	C	D	E	F
51cm	71°30'	74°15'	530mm	588mm	410mm	988mm
53cm	72°	74°	540	588	410	988
56cm	72°30'	74°	550	588	410	988
58cm	73°30'	74°	560	590	410	990
61cm	74°	74°	570	595	410	995



Sugino GLP special crankset, SunTour Sprint front derailleur and KKT Pro-Vic II B black pedals with toe clips and straps.



SR CTD alloy maes handlebar and Dia-Compe AC250G brake levers.



Selle Italia Mundialita saddle with Sugino SP-KCL micro adjusting seat post.



Shimano S424 S.I.S. (Shimano Index System) shifting levers, brazed on down tube.



Model Number	DS-851 DS-858 DS-853 DS-861 DS-856
Frame Size	DS-851... 51cm DS-858... 58cm DS-853... 53cm DS-861... 61cm DS-856... 56cm
Frame	Tange 900 Cr-Mo double butted tubes, Forged ends and sealed B.B. set
Fork	Tange Mangalay, AC-2 crown, Forged ends and sealed head set
Handlebar	SR CTD, Maes alloy
Stem	SR CT alloy
Saddle	Selle Italia 0419-V aero with SR CT-P5E micro adjusting seat post
Crankset	SR SXC-200, Alloy 52/42T
Freewheel	Shimano Z12 6-speed 14-28T
Chain	Shimano UG 1/2" x 3/32" x 110 links
Hubs	Sansin ET-Q Sealed mechanism, Alloy small flange with Q.R.
Rear Derailleur	Shimano L525SS S.I.S.
Front Derailleur	Shimano Z206
Shifting Lever	Shimano S424 S.I.S. Brazed on down tube mounted
Brakes	Shimano Z570 side-pull with Q.R., tire guide and 600AX levers
Rims	Ukai 20A, 700C, Alloy
Tires	Panaracer 700 x 25C Open side 100PSI
Spokes	14G U-C-P finished
Pedals	KKT Pro-Vic II B with reflectors
Accessories	Front, rear and side reflectors/Shiny vinyl handlebar tape/Toe clips and straps/Plastic spoke protector
Color	Midnight Black



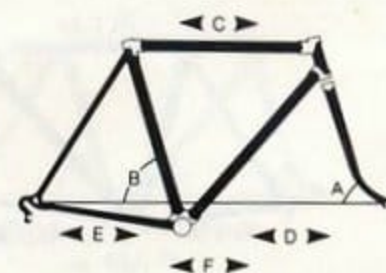
Shimano L525 SS S.I.S. (Shimano Index System) rear derailleur and Shimano Z12 6-speed freewheel.



Ukai 20A 700C alloy rim and Panaracer 700 X 25C open side 100PSI tire.



Italian cut head lug with Tange SE2S sealed mechanism headset and brazed on pump peg.



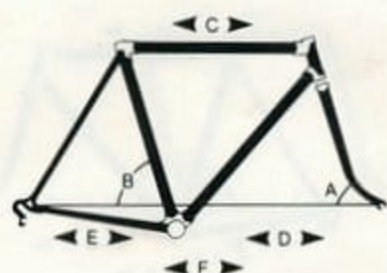
Frame Size	A	B	C	D	E	F
51cm	71°30'	74°	530mm	586mm	420mm	996mm
53cm	72°	74°	540	593	420	1003
56cm	73°	74°	550	595	420	1005
58cm	73°30'	74°	560	600	420	1010
61cm	73°30'	74°	570	610	420	1020



Model Number	DX-818	DX-824
	DX-820	DX-826
	DX-822	DX-828
Frame Size	DX-818... 18"	DX-824... 24"
	DX-820... 20"	DX-826... 26"
	DX-822... 22"	DX-828... 28"
Frame	Tange 900 Cr-Mo double butted tubes, Forged ends and Sealed B.B.set	
Fork	Tange Mangalay and forged ends	
Handlebar	SR CTD, Maes alloy	
Stem	SR CT alloy	
Saddle	Selle Italia anatomic with SR CT-P5E micro adjusting seat post	
Crankset	Sugino DVP, Alloy 52/42T	
Freewheel	Shimano Z012 6-speed 14-28T	
Chain	Shimano UG 1/2" x 3/32"	
Hubs	Sansin ET-Q Sealed mechanism, Alloy small flange with Q.R.	
Rear Derailleur	Shimano L523SS	
Front Derailleur	Shimano Z204	
Shifting Lever	Shimano L422 down tube mounted	
Brakes	Shimano Z570 side-pull with Q.R., tire guide and gum hooded drilled levers	
Rims	Araya Model 18, 27" x 1 1/4", Alloy	
Tires	Panaracer 27" x 1 1/8" Open side 100PSI	
Spokes	14G U-C-P finished	
Pedals	SR SP-250 with reflectors	
Accessories	Front, rear and side reflectors/Shiny vinyl handlebar tape/Toe clips and straps/Plastic spoke protector	
Color	Imperial Red	



Sugino DVP alloy crankset, Shimano Z204 front derailleur and SR SP-250 pedals with toe clips and straps.



Frame Size	A	B	C	D	E	F
18"	72°	76°	500mm	584mm	420mm	999mm
20"	71°30'	74°	530	590	420	1000
22"	72°	73°	550	593	420	1003
24"	73°	73°	570	605	420	1015
26"	73°	73°	590	625	420	1035
28"	73°	73°	620	655	445	1090



Shimano Z570 side-pull with Q.R., guide brake arch and Tange Mangalay front fork.



Shimano L523 SS rear derailleur and Shimano Z012 6-speed 14-28T freewheel.



Selle Italia anatomic saddle and micro adjusting seat post.



Sugino AS forged alloy crankset and MKS Sylvan Track pedals with toe clips and straps.



Model Number	TR-853 TR-858 TR-856
Frame Size	TR-853... 53cm TR-858... 58cm TR-856... 56cm
Frame	Tange Champion No. 2 Cr-Mo double butted, SunTour Track ends and Sugino Model H B.B. set
Fork	Tange Cr-Mo blades, Lostwax crown, SunTour forged ends and Tange Nova head set
Handlebar	Nitto B115 Olympiad, Maes alloy
Stem	Nitto NTC-A-100, Forged alloy
Saddle	Selle Italia 0419-V aero with SR CT-P5E micro adjusting seat post
Crankset	Sugino AS, Forged alloy 50T
Freewheel	SunTour 15T Fixed sprocket
Chain	HKK 1/2" x 1/8" x 98 links
Hubs	SunTour Sprint forged alloy large flange
Rear Derailleur	—
Front Derailleur	—
Shifting Lever	—
Brakes	—
Rims	Araya 16B, Alloy tubular
Tires	Panaracer tubular 230gr. Leger
Spokes	Stainless 14G
Pedals	MKS Sylvan Track
Accessories	Shiny vinyl handlebar tape/Toe clips and straps
Color	Imperial Red



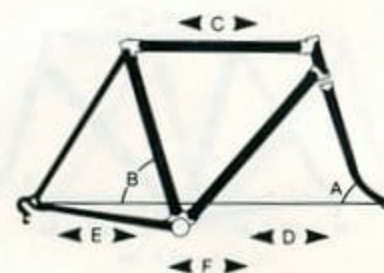
SunTour Sprint forged alloy large flange hub.



Araya 16B alloy tubular rim and Panaracer tubular 230gr. Leger tire.



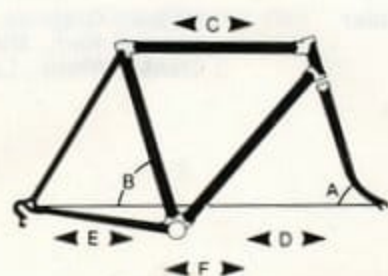
Selle Italia 0419-V aero saddle with SR CT-P5E micro adjusting seat post.



Frame Size	A	B	C	D	E	F
53cm	73°	74°	540mm	575mm	410mm	976mm
56cm	73°30'	74°	550	581	410	983
58cm	74°	74°	560	597	411	988



Model Number	TK-822 TK-824
Frame Size	TK-822... 22" TK-824... 24"
Frame	Tange 900 Cr-Mo double butted tubes, SunTour Track ends
Fork	High-tensile 1020 tubes, Tange CCL crown
Handlebar	SR Royal-978, Maes alloy
Stem	SR Royal 2, Forged alloy
Saddle	Selle Italia 0419-V aero with alloy seat post
Crankset	Sugino SVT alloy 48T
Freewheel	16T Freewheel and 15T Fixed sprocket
Chain	HKK 1/2" x 1/8" x 98 links
Hubs	Sansin alloy semi large flange
Rear Derailleur	—
Front Derailleur	—
Shifting Lever	—
Brakes	Dia-Compe 500 alloy side-pull with hooded and Q.R. levers
Rims	Araya 20A, 700C, Alloy
Tires	Panaracer 700 x 25C Racing Extra 100PSI
Spokes	14G U-C-P finished
Pedals	MKS Sylvan Track with reflectors
Accessories	Front, rear and side reflectors/Chain-case/Cloth handlebar tape
Color	Midnight Black



Frame Size	A	B	C	D	E	F
22"	73°	73°	563mm	583mm	417mm	991mm
24"	73°	73°	575	595	417	1004



Araya 20A, 700C narrow alloy rim and Panaracer 700 X 25C Racing Extra 100PSI tire.



Dia-Compe 500 alloy side-pull brake



SR Royal 978 Maes alloy forged alloy handle stem.

SPORT 1000 12 Speed



Model Number	S-819	S-827
	S-821	SL-819
	S-823	SL-822
	S-825	
	S-825	
Frame Size	S-819... 19"	S-827... 27"
	S-821... 21"	SL-819... 19"
	S-823... 23"	SL-822... 22"
	S-825... 25"	
	S-825... 25"	
Frame	Tange 900 Cr-Mo double butted tubes and Sealed B.B. set	
Fork	High-tensile 1020 tubes	
Handlebar	Kusuki WP-B, Maes alloy	
Stem	Kusuki S-WIN-AH alloy	
Saddle	Selle Italia anatomic with SR seat post	
Crankset	SR CXC-300 alloy 52/40T	
Freewheel	Shimano Z012 6-speed 14-28T	
Chain	Shimano UG 1/2" x 3/32" x 114	
Hubs	Sansin ET-Q Sealed mechanism Alloy small flange with Q.R.	
Rear Derailleur	Shimano Z501	
Front Derailleur	Shimano Z202	
Shifting Lever	Shimano Z401 stem mounted	
Brakes	Shimano Z570 side-pull with Q.R. and extension levers	
Rims	Araya SP-30, 27" x 1 1/4", Alloy	
Tires	Pana racer 27" x 1 1/8" Open side 100PSI	
Spokes	14G U-C-P finished	
Pedals	SR SP-467 alloy with reflectors	
Accessories	Front, rear and side reflectors/C front grips/Plastic spoke protector	
Color	Bermuda Blue... Men's & Ladies Wine Red... Men's only Grape Dust... Ladies' only	

SPORT LX 12 Speed



Model Number	LX-819	LX-827
	LX-821	LXL-817
	LX-823	LXL-819
	LX-825	LXL-822
	LX-825	LXL-822
Frame Size	LX-819... 19"	LX-827... 27"
	LX-821... 21"	LXL-817... 17.5"
	LX-823... 23"	LXL-819... 19"
	LX-825... 25"	LXL-822... 22"
	LX-825... 25"	LXL-822... 22"
Frame	Tange 900 Cr-Mo double butted tubes	
Fork	High-tensile 1020 tubes	
Handlebar	Kusuki KD-LB, Maes alloy ferrule	
Stem	Kusuki S-WIN-AH alloy	
Saddle	Black vinyl leatherette	
Crankset	Sugino forged alloy crank arms 52/40T	
Freewheel	SunTour PN-6000 6-speed 14-28T	
Chain	HKK Z 1/2" x 3/32" x 114 links	
Hubs	Front... Alloy small flange with Q.R. and extension levers Rear... Small flange	
Rear Derailleur	SunTour AR	
Front Derailleur	SunTour AR	
Shifting Lever	SunTour UB-10 stem mounted	
Brakes	Dia-Compe 500N alloy side-pull v Q.R. and extension levers	
Rims	Araya SP-30, 27" x 1 1/4", Alloy	
Tires	Pana racer 27" x 1 1/4" Gumwall crackproof 90PSI	
Spokes	14G U-C-P finished	
Pedals	MKS RT-7 with reflectors	
Accessories	Front, rear and side reflectors/C front grips/Plastic spoke protector/Chainguard	
Color	Metallic Graphite... Men's & Ladies Imperial Red... Men's only Classic White... Ladies' only	

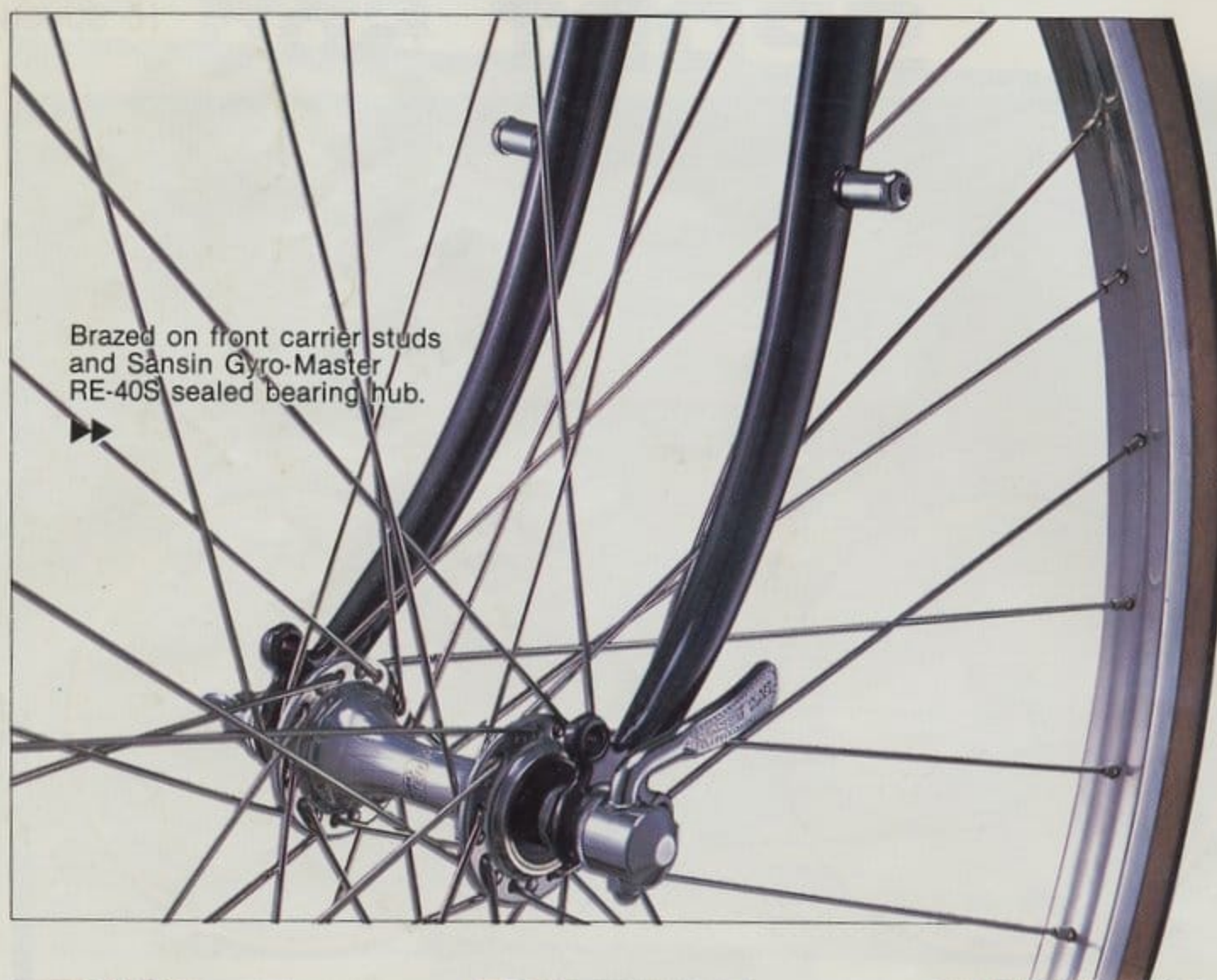
Model Number	PS-819 PS-825 PS-821 PS-827 PS-823 PSL-819
Frame Size	PS-819... 19" PS-825... 25" PS-821... 21" PS-827... 27" PS-823... 23" PSL-819... 19"
Frame	Cr-Mo main tubes
Fork	High-tensile 1020 tubes
Handlebar	SR, Maes
Stem	SR alloy stem with allen key head bolt
Saddle	Black vinyl leatherette
Crankset	SR CTC-5SG 52/40T alloy crank arms
Freewheel	Shimano Z012 5-speed 14-28T
Chain	HKK Z 1/2" x 3/32" x 114 links
Hubs	Steel small flange
Rear Derailleur	Shimano SKY LARK
Front Derailleur	Shimano AX50
Shifting Lever	Shimano Stem mounted
Brakes	Dia-Compe 630N alloy side-pull with hooded and extension levers
Rims	Araya SP-30, 27" x 1 1/4", Alloy
Tires	Panaracer 27" x 1 1/4" Gumwall crackproof 90PSI
Spokes	14G U-C-P finished
Pedals	MKS RT-7 with reflectors
Accessories	Front, rear and side reflectors/Comfort grips/Plastic spoke protector/Chainguard
Color	Adriatic Blue... Men's & Ladies' Midnight Black... Men's only Salmon Pink... Ladies' only



SPORT 500 10 Speed

Model Number	SF-817 SF-825 SF-819 SFL-817 SF-821 SFL-819 SF-823
Frame Size	SF-817... 17.5" SF-825... 25" SF-819... 19" SFL-817... 17.5" SF-821... 21" SFL-819... 19" SF-823... 23"
Frame	High-tensile 1020 tubes
Fork	High-tensile 1020 tubes
Handlebar	SR, Maes
Stem	SR alloy stem with allen key head bolt
Saddle	Black vinyl leatherette
Crankset	SR CTC-5SG 52/40T alloy crank arms
Freewheel	Shimano Z012 5-speed 14-28T
Chain	HKK Z 1/2" x 3/32" x 114 links
Hubs	Steel small flange
Rear Derailleur	Shimano SKY LARK
Front Derailleur	Shimano AX50
Shifting Lever	Shimano Stem mounted
Brakes	Dia-Compe 630N alloy side-pull with hooded and extension levers
Rims	27" x 1 1/4"
Tires	Panaracer 27" x 1 1/4" Gumwall crackproof 90PSI
Spokes	14G U-C-P finished
Pedals	KKT RT-E II with reflectors
Accessories	Front, rear and side reflectors/Comfort grips/Plastic spoke protector/Chainguard
Color	Sea Blue/Metallic Red





Shimano Deore XT Super Plate rear derailleur and Shimano 600UG silver 6-speed freewheel.

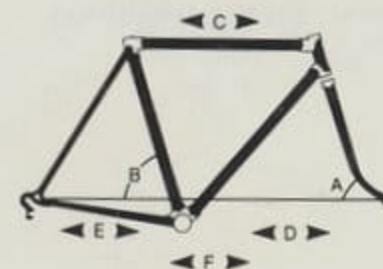


Araya 16A [3] 27" x 1 1/4" alloy rim and Panaracer 27" x 1 1/4" Tour Guard with Kevlar belt 90PSI tire.



Shimano Biopace crankset, Shimano Deore XT Super Plate rear derailleur and Shimano 600UG silver 6-speed freewheel. Road pedal with toe clips and straps.

Model Number	PT-819 PT-823 PT-821 PT-825
Frame Size	PT-819... 19" PT-823... 23" PT-821... 21" PT-825... 25"
Frame	Tange Champion No. 2 Cr-Mo double butted tubes, Lostwax seat lug, SunTour forged ends and Shimano New 600 EX sealed B.B. set
Fork	Tange Cr-Mo blades, C-1 crown, Forged ends and Tange Falcon sealed head set
Handlebar	SR, RND 420, Randonneur alloy
Stem	SR AE, Forged alloy
Saddle	Selle Italia 0422-S anatomic, suede with SR CT-P5 micro adjusting seat post
Crankset	Shimano Biopace 50/44/28T
Freewheel	Shimano 600UG silver 6-speed 13-30T
Chain	Shimano 600UG Silver 1/2" x 3/32" x 112 links
Hubs	Sansin Gyro-Master RE-40S Sealed bearing, Forged alloy small flange with Q.R. Front... 36", Rear... 40"
Rear Derailleur	Shimano Deore XT Super Plate
Front Derailleur	Shimano Deore XT GS
Shifting Lever	Shimano Z408 Brazed on down tube mounted
Brakes	Shimano Deore XT cantilever brakes with gum hooded drilled levers
Rims	Araya 16A [3], 27" x 1 1/4", Alloy
Tires	Panaracer 27" x 1 1/4" Tour Guard with Kevlar belt 90PSI
Spokes	Stainless 14G
Pedals	MKS Sylvan Road with reflectors
Accessories	Front, rear and side reflectors/Comfort grips/Toe clips and straps/Plastic spoke protector/Rear carrier/Allen key wrench
Color	Metallic Graphite

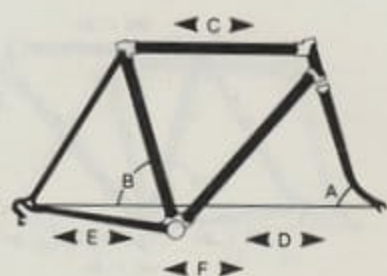


Frame Size	A	B	C	D	E	F
19"	71"	74"	530mm	600mm	445mm	1040mm
21"	71"30'	73"30'	540	600	445	1035
23"	72"30'	73"	560	600	445	1035
25"	73"30'	74"	580	600	445	1035



Model Number	TD-819	TD-823
	TD-821	TD-825
Frame Size	TD-819... 19"	TD-823... 23"
	TD-821... 21"	TD-825... 25"
Frame	Tange 1000 Cr-Mo double butted tubes and forged ends	
Fork	Tange Mangalay, CCL crown and forged ends	
Handlebar	Kusuki WPR-B, Randonneur alloy	
Stem	Kusuki WIN Σ alloy	
Saddle	Selle Italia 0422-V anatomic, with SR CT-P5E micro adjusting seat post	
Crankset	Shimano ART 48/42/28T	
Freewheel	Shimano Z012 5-speed 14-28T	
Chain	Shimano UG 1/2" x 3/32" x 112 links	
Hubs	Sansin ET-Q Sealed mechanism, Alloy small flange with Q.R.	
Rear Derailleur	Shimano L523GS	
Front Derailleur	Shimano Z204GS	
Shifting Lever	Shimano L422 down tube mounted	
Brakes	Shimano AT-50 cantilever brakes with gum hooded drilled levers	
Rims	Araya Model 18, 27" x 1 1/4", Alloy	
Tires	Panaracer 27" x 1 1/4" Open side 90PSI	
Spokes	14G U-C-P finished	
Pedals	KKT Pro Vic II B with reflectors	
Accessories	Front, rear and side reflectors/Comfort grips/Toe clips and straps/Plastic spoke protector/Rear carrier	
Color	Canyon Red	

Alloy rear carrier and Shimano AT-50 cantilever brakes.



Frame Size	A	B	C	D	E	F
19"	71°	74°	530mm	600mm	445mm	1040mm
21"	71°30'	73°30'	540	600	445	1035
23"	72°30'	73°	560	600	445	1035
25"	73°	73°	580	615	445	1050



Selle Italia 0422-V anatomic saddle and SR CT-P5E micro adjusting seat post.



Shimano ART crankset, Shimano Z012 5-speed 14-28T freewheel and KKT Pro Vic II B pedals with toe clips and straps.



Shimano L523 GS rear derailleur.



SunTour XC-Sport power brake, Araya RM-25 26" x 1.75" alloy rim and Panaracer IBEX 26" x 2.00" open side 40-65PSI tire.



Model Number	PMB-818	PMB-822
	PMB-820	PMB-824
Frame Size	PMB-818... 18"	PMB-822... 22"
	PMB-820... 20"	PMB-824... 24"
Frame	Tange Cr-Mo double butted tubes, forged ends and Shimano New 600EX sealed B.B. set	
Fork	Tange Cr-Mo blades, forged ends and Tange Levin sealed head set	
Handlebar	Nitto B801 AA-F alloy	
Stem	Nitto MT-2 Black alloy	
Saddle	Selle Italia 0422-L anatomic with SR CT-P5 250mm long micro adjusting seat post	
Crankset	Shimano Biopace 48/38/28T	
Freewheel	SunTour Winner Pro sealed 6-speed 14-32T	
Chain	Shimano 600UG Silver 1/2" x 3/32" x 114 links	
Hubs	SunTour XC sealed bearing	
Rear Derailleur	SunTour XC	
Front Derailleur	SunTour XC	
Shifting Lever	SunTour XC Thumb shifter	
Brakes	Front... Dia-Compe No.981 cantilever brake Rear... SunTour XC-Sport power brake Lever... SunTour XC-Sport power brake levers	
Rims	Araya RM-25, 26" x 1.75", Alloy	
Tires	Panaracer IBEX 26" x 2.00" Open side 40-65PSI	
Spokes	14G U-C-P finished	
Pedals	SunTour XC with reflectors	
Accessories	Front, rear and side reflectors/Handlebar grips/Plastic spoke protector/Q.R. seat binder bolt set	
Color	Chrome Yellow	



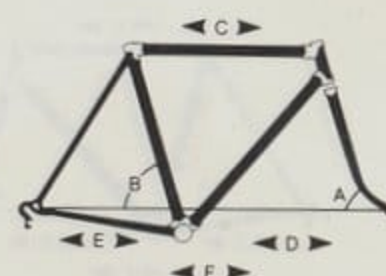
Shimano Biopace crankset, SunTour XC front derailleur and SunTour XC pedals.



SunTour XC sealed bearing hub and brazed on front carrier studs.



Nitto B801AA-F handlebar, Nitto MT-2 black handlebar stem and SunTour XC-Sport power brake levers.

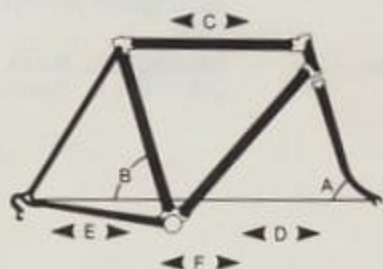


Frame Size	A	B	C	D	E	F
18"	69°	70°	552mm	618mm	457mm	1074mm
20"	69°	70°	572	630	457	1087
22"	69°	70°	584	644	457	1100



Model Number	MB-818 MB-822 MB-820 MB-824
Frame Size	MB-818... 18" MB-822... 22" MB-820... 20" MB-824... 24"
Frame	Cr-Mo main tubes and forged ends
Fork	High-tensile 1020 tubes and forged ends
Handlebar	SR MTB-100 Cr-Mo steel
Stem	SR MTS-100 alloy
Saddle	Selle Italia 0422-V anatomic with SR CT-P5 250mm long micro adjusting seat post
Crankset	Sugino TGT 46/36/26T
Freewheel	Shimano Z012 5-speed 14-30T
Chain	Shimano UG 1/2" x 3/32" x 114 links
Hubs	Suzue MTB-SS sealed mechanism, Alloy small flange with Cr-Mo axle
Rear Derailleur	Shimano AL-11
Front Derailleur	Shimano AL-11
Shifting Lever	Shimano MT-50 Thumb shifter
Brakes	Dia-Compe No.981 cantilever brakes with No.280 MTB levers
Rims	26" x 1.75", Alloy
Tires	Panaracer IBEX 26" x 2.00" Open side 40-65PSI
Spokes	14G U-C-P finished
Pedals	Shimano MX-15 Black with reflectors
Accessories	Front, rear and side reflectors/Handlebar grips/Spoke protector/Q.R. seat binder bolt set
Color	Canyon Red

SR MTB-100 Cr-Mo handlebar, SR MTS-100 alloy handlebar stem and Dia-Compe No. 280 MTB brake levers.



Frame Size	A	B	C	D	E	F
18"	66°45'	69°30'	560mm	640mm	470mm	1109mm
20"	67°20'	70°	572	646	470	1115
22"	67°45'	70°	584	656	470	1125
24"	68°	70°	597	669	470	1138



Tange Unicrown front fork and Dia-Compe No.981 cantilever brake.



Brazed on front carrier studs and Sugino TGT crankset and Suzue MTB-SS sealed mechanism.



Sugino TGT crankset, Shimano AL-11 front and rear derailleurs, Shimano MX-15 black pedals.

Mountain Cat Series



Model Number	RT-818 RT-822 RT-820
Frame Size	RT-818... 18" RT-822... 22" RT-820... 20"
Frame	High-tensile 1020 tubes and forged ends
Fork	High-tensile 1020 tubes, Tange MT crown and forged ends
Handlebar	SR MTB-301
Stem	SR MTS-120 alloy
Saddle	Selle Italia anatomic with SR CT-P micro adjusting seat post
Crankset	Shimano ART 46/36/26T
Freewheel	Shimano Z012 5-speed 14-28T
Chain	Shimano UG 1/2" x 3/32" x 114 links
Hubs	Suzue MTB-SS Sealed mechanism, Alloy small flange with Cr-Mo axle
Rear Derailleur	Shimano Z503GS
Front Derailleur	Shimano Z204GS
Shifting Lever	Shimano MT-50 Thumb shifter
Brakes	Dia-Compe No.981 cantilever brakes with No. 281 MTB levers
Rims	26" x 1.75", Alloy
Tires	Panaracer Ridge Line 26" x 1.5" Open side 40-65PSI
Spokes	14G U-C-P finished
Pedals	MKS PB-20 Black with reflectors
Accessories	Front, rear and side reflectors/Handlebar grips/Spoke protector
Color	Metallic Teal

CRUISER **B** 5 Speed



Model Number	CR-811 CR-851 CR-813 CR-853 CRL-818 CRL-858
Frame Size	CR-811... 21" CR-851... 21" CR-813... 23" CR-853... 23" CRL-818... 18" CRL-858... 18"
Frame	High-tensile tubes
Fork	High-tensile tubes
Handlebar	Cruiser type
Stem	Allen head
Saddle	Cruiser type with double cone spring
Crankset	46T with forged alloy crank arms
Freewheel	CRUISER 5... SunTour PT-5000 5-speed 14-32T
Chain	CRUISER 5... 1/2" x 3/32" x 114 links CRUISER 1... 1/2" x 1/8" x 104 links
Hubs	CRUISER 5... Suzue alloy small flange CRUISER 1... Shimano coaster brake hub with 18T sprocket
Rear Derailleur	CRUISER 5... SunTour GT
Front Derailleur	—
Shifting Lever	CRUISER 5... SunTour Thumb shifter
Brakes	CRUISER 5... Dia-Compe 890 alloy side-pull CRUISER 1... Coaster brake (Rear only)
Rims	Ukai 26" x 1.75", Alloy
Tires	26" x 2.125"
Spokes	Stainless 14G
Pedals	Rubber pedals with reflectors
Accessories	Front, rear and side reflectors/Handlebar grips/Chain-case/Spoke protector (CRUISER 5 only)
Color	CRUISER 5... Black CRUISER 1... Royal Silver

CRUISER 1

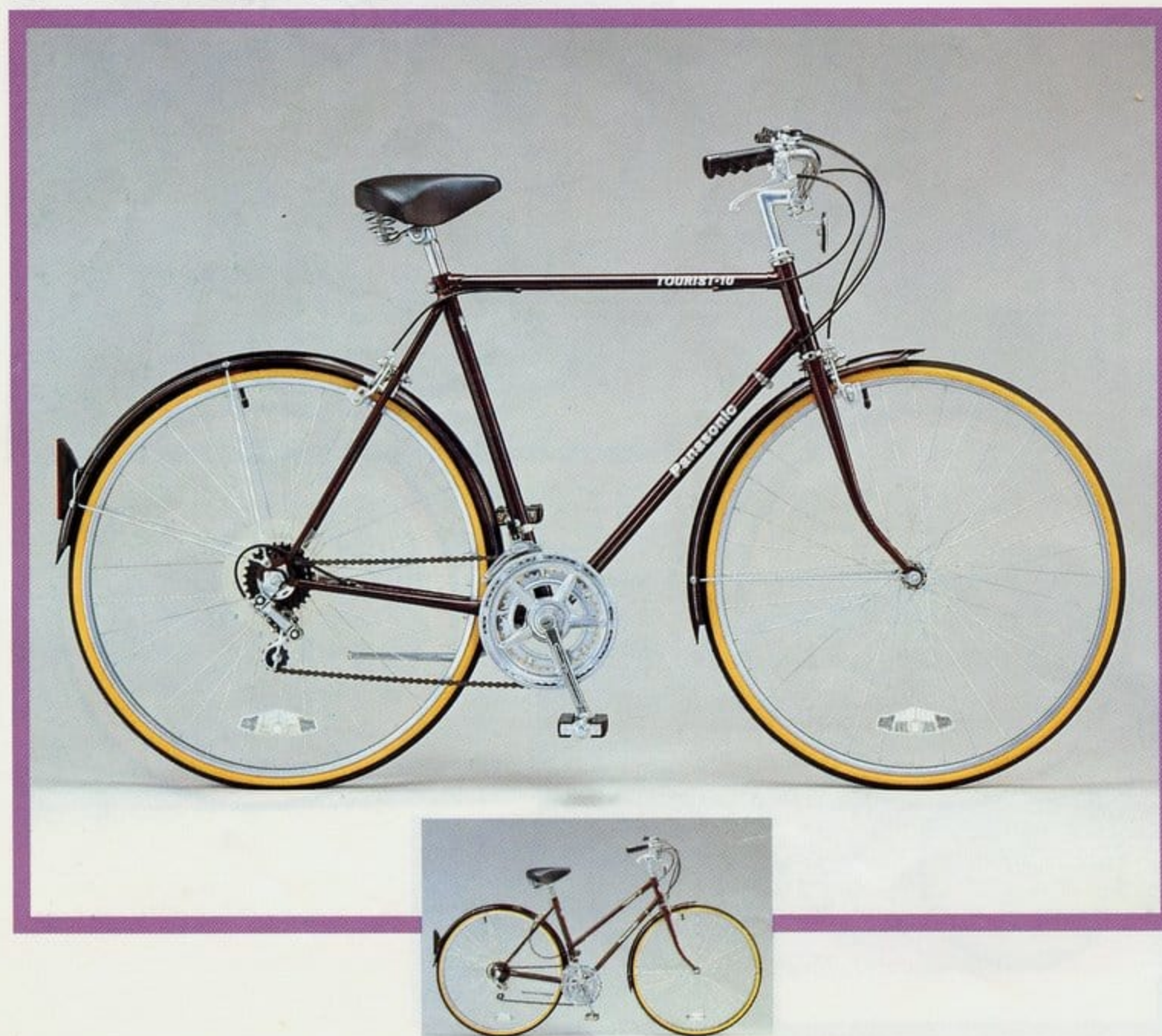


Panasonic Villager 10 Speed



Model Number	V-817	V-825
	V-819	VL-817
	V-821	VL-819
	V-823	VL-822
	V-823	VL-822
Frame Size	V-817... 17.5"	V-825... 25"
	V-819... 19"	VL-817... 17.5"
	V-821... 21"	VL-819... 19"
	V-823... 23"	VL-822... 22"
	V-823... 23"	VL-822... 22"
Frame	High-tensile 1020 tubes	
Fork	High-tensile 1020 tubes	
Handlebar	Kusuki Maes	
Stem	Kusuki S-WIN-AH	
Saddle	Black vinyl leatherette	
Crankset	52/39T steel with F.F. system	
Freewheel	14-28T with F.F. system 5-speed	
Chain	Shimano UG 1/2" x 3/32" x 114 links	
Hubs	Steel small flange	
Rear Derailleur	Shimano Positron-FH	
Front Derailleur	Shimano AX50	
Shifting Lever	Stem mounted with P.P.S. shifting lever	
Brakes	Dia-Compe 630N alloy side-pull with hooded and extension levers	
Rims	27" x 1 1/4"	
Tires	Panaracer 27" x 1 1/4" Gumwall crackproof 90PSI	
Spokes	14G U-C-P finished	
Pedals	MKS RT-7 with reflectors	
Accessories	Front, rear and side reflectors/Comfort grips/Spoke protector/Alloy kickstand/Inner and outer chainguard	
Color	Imperial Red/Cobalt Blue	

TOURIST-10 10 Speed



Model Number	T-811	TL-817
	T-813	TL-819
	T-815	TL-812
	T-811	TL-817
	T-813	TL-819
Frame Size	T-811... 21"	TL-817... 17.5"
	T-813... 23"	TL-819... 19"
	T-815... 25"	TL-812... 22"
	T-811... 21"	TL-817... 17.5"
	T-813... 23"	TL-819... 19"
Frame	High-tensile 1020 tubes	
Fork	High-tensile 1020 tubes	
Handlebar	Kusuki North Road	
Stem	Kusuki S-WIN-AH alloy	
Saddle	Black vinyl leatherette, mattress	
Crankset	52/39T steel with F.F. system	
Freewheel	14-28T with F.F. system, 5-speed	
Chain	Shimano UG 1/2" x 3/32" x 114 links	
Hubs	Steel small flange	
Rear Derailleur	Shimano LARK II	
Front Derailleur	Shimano AX50	
Shifting Lever	Shimano MT-30 Thumb shifter	
Brakes	Dia-Compe 730 alloy side-pull	
Rims	27" x 1 1/4"	
Tires	Panaracer 27" x 1 1/4" Gumwall crackproof 90PSI	
Spokes	14G U-C-P finished	
Pedals	MKS 60 full rubber with reflectors	
Accessories	Front, rear and side reflectors/Spoke protector/Mudguard with pin stripe/Alloy kickstand/Inner and outer chainguard/Handlebar grips	
Color	Wine Red	

TOURIST-5 5 Speed 23

Model Number	T-851 TL-859 T-853 TL-852
Frame Size	T-851... 21" TL-859... 19" T-853... 23" TL-852... 22"
Frame	High-tensile 1020 tubes
Fork	High-tensile 1020 tubes
Handlebar	Kusuki North Road
Stem	Kusuki S-WIN-AH alloy
Saddle	Black vinyl leatherette, mattress
Crankset	46T steel with F.F. system
Freewheel	14-28T with F.F. system, 5-speed
Chain	Shimano UG 1/2" x 3/32" x 110 links
Hubs	Steel small flange
Rear Derailleur	Shimano LARK II
Front Derailleur	—
Shifting Lever	Shimano MT-30 Thumb shifter
Brakes	Dia-Compe 730 alloy side-pull
Rims	27" x 1 1/4"
Tires	Panaracer 27" x 1 1/4" Gumwall crackproof 90PSI
Spokes	14G U-C-P finished
Pedals	MKS 60 full rubber with reflectors
Accessories	Front, rear and side reflec- tors/Spoke protector/Mudguard with pin stripe/Alloy kicks- tand/Inner and outer cha- inguard/Handlebar grips
Color	Electric Blue



TOURIST-3 3 Speed

Model Number	T-839 TL-837 T-831 TL-839 T-833
Frame Size	T-839... 19" TL-837... 17.5" T-831... 21" TL-839... 19" T-833... 23"
Frame	High-tensile 1020 tubes
Fork	High-tensile 1020 tubes
Handlebar	Kusuki North Road
Stem	Kusuki S-WIN-AH alloy
Saddle	Black vinyl leatherette, mattress
Crankset	48T steel
Freewheel	—
Chain	HKK 1/2" x 1/8" x 104 links
Hubs	Front... Steel small flange/Rear... 3 speed coaster brake hub with 19T sprocket
Rear Derailleur	—
Front Derailleur	—
Shifting Lever	Shimano Trigger lever
Brakes	Dia-Compe 730 alloy side-pull (Front only)
Rims	27" x 1 1/4"
Tires	Panaracer 27" x 1 1/4" Gumwall crackproof 90PSI
Spokes	14G U-C-P finished
Pedals	MKS 60 full rubber with reflectors
Accessories	Front, rear and side reflec- tors/Mudguard with pin stripe/Alloy kickstand/Chain- case/Handlebar grips
Color	Gunmetal Grey

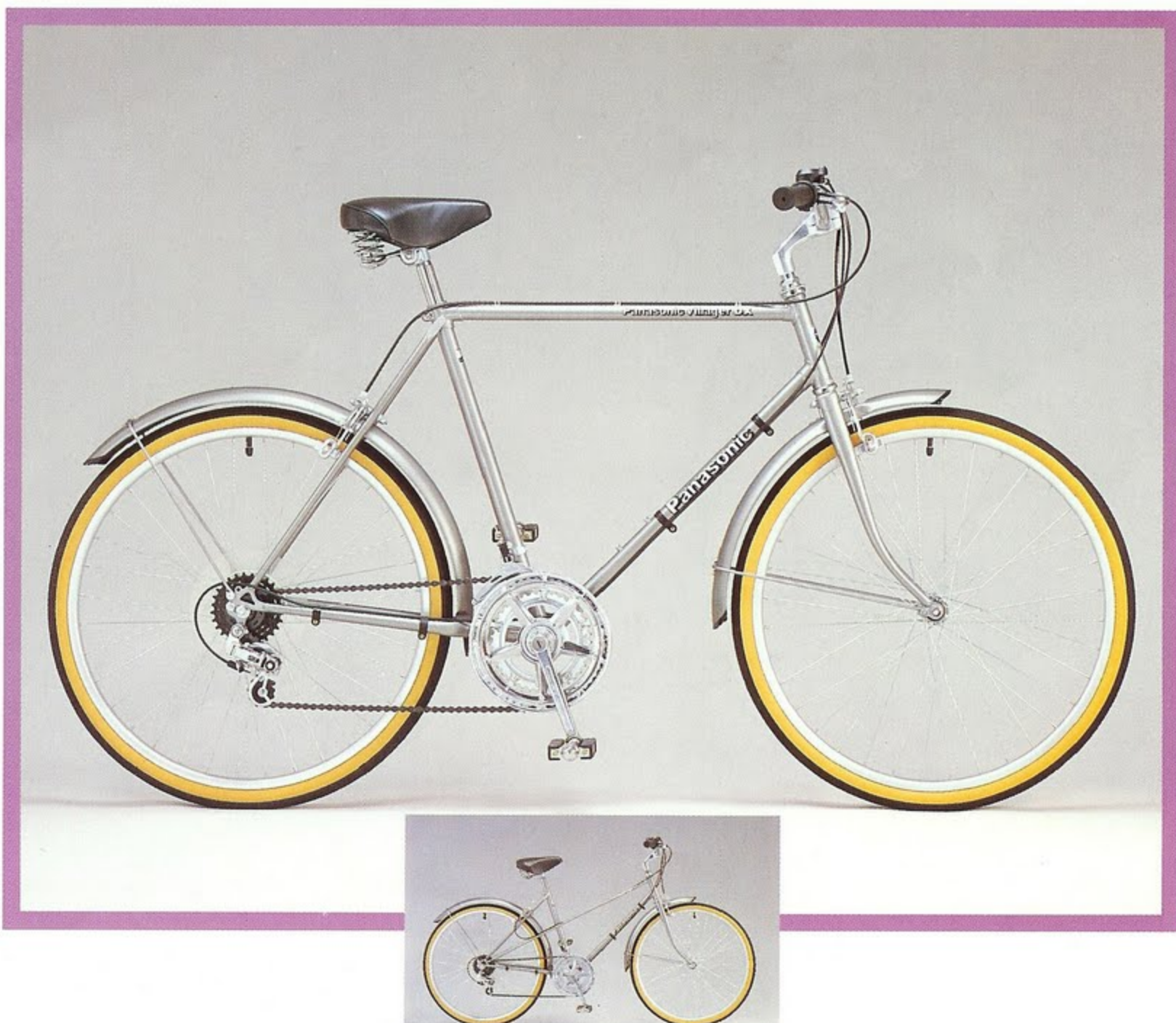


Model Number	CB-820 CB-824 CB-822 CBL-818
Frame Size	CB-820... 20" CB-824... 24" CB-822... 22" CBL-818... 18"
Frame	Cr-Mo main tubes
Fork	High-tensile 1020 tubes
Handlebar	SR MTB-301
Stem	SR MTS-120 alloy
Saddle	Selle Italia anatomic with SR CT-P5E micro adjusting seat post
Crankset	Shimano FC-T500 50/42/34T
Freewheel	Shimano Z012 5-speed 14-32T
Chain	Shimano UG 1/2" x 3/32" x 118 links
Hubs	Shimano forged alloy Front... Small flange with Q.R. Rear... Small flange
Rear Derailleur	Shimano Z503GS
Front Derailleur	Shimano Z204GS
Shifting Lever	Shimano MT-50 Thumb shifter
Brakes	Dia-Compe No.981 cantilever brakes with No.281 MTB levers
Rims	26" x 1.5", Alloy
Tires	26" x 1.5" Gumwall
Spokes	14G U-C-P finished
Pedals	MKS PB-20 Black with reflectors
Accessories	Front, rear and side reflec- tors/Handlebar grips/Spoke protector
Color	Electric Blue



Panasonic Villager DX 10 Speed

Model Number	VX-820 VXL-818 VX-822
Frame Size	VX-820... 20" VXL-818... 18" VX-822... 22"
Frame	High-tensile 1020 tubes
Fork	High-tensile 1020 tubes
Handlebar	SR MTB-301
Stem	SR MTS-120 alloy
Saddle	Black vinyl leatherette, mattress
Crankset	52/39T steel with F.F. system
Freewheel	14-28T with F.F. system, 5-speed
Chain	Shimano UG 1/2" x 3/32" x 116 links
Hubs	Shimano forged alloy small flange
Rear Derailleur	Shimano Positron-FH400
Front Derailleur	Shimano AX50
Shifting Lever	Shimano Thumb shifter with P.P.S. system
Brakes	Dia-Compe 1020 alloy side-pull with No.281 levers
Rims	26" x 1.5", Alloy
Tires	26" x 1.5" Gumwall
Spokes	14G U-C-P finished
Pedals	MKS 60 full rubber with reflectors
Accessories	Front, rear and side reflec- tors/Handlebar grips/Spoke protector/Mudguard
Color	Gunmetal Grey





Model Number	MX-750
Frame Size	MX-750... 12"
Frame	High-tensile tubes
Fork	High-tensile tubes
Handlebar	High-tensile steel
Stem	Forged alloy
Saddle	Plastic saddle
Crankset	44T one piece crank
Freewheel	SunTour 16T
Chain	1/2" x 1/8" x 90 links
Hubs	Steel small flange
Rear Derailleur	—
Front Derailleur	—
Shifting Lever	—
Brakes	Side-pull, Alloy
Rims	Ukai 20" x 1.75", Alloy
Tires	20" x 1.75", White
Spokes	14G U-C-P finished
Pedals	Plastic with reflectors
Accessories	Front, rear and side reflectors/Chain-case/Handlebar grips
Color	White

ATB 20



Model Number	JB-820
Frame Size	JB-820... 12.5"
Frame	Mild steel tubes
Fork	High-tensile 1020 tubes
Handlebar	MTB type
Stem	—
Saddle	Vinyl leatherette
Crankset	SR 36T with one piece crank
Freewheel	—
Chain	1/2" x 1/8" x 84 links
Hubs	Front... Steel small flange Rear... Shimano coaster brake with 18T sprocket
Rear Derailleur	—
Front Derailleur	—
Shifting Lever	—
Brakes	Coaster brake (Rear only)
Rims	20" x 1.75"
Tires	20" x 1.75" Gumwall
Spokes	14G U-C-P finished
Pedals	SR SP-519 Black with reflectors
Accessories	Front, rear and side reflectors/Handlebar grips/Chaincase/Kickstand
Color	Imperial Red
Minimum Inseam Length	23"

BOY'S 16



Model Number	JB-816
Frame Size	JB-816... 10.5"
Frame	Mild steel tubes
Fork	High-tensile 1020 tubes
Handlebar	Kusuki Steel
Stem	Kusuki Steel
Saddle	Vinyl leatherette
Crankset	Sugino 26T with one piece crank
Freewheel	—
Chain	1/2" x 1/8" x 72 links
Hubs	Front... Steel small flange Rear... Shimano coaster brake with 18T sprocket
Rear Derailleur	—
Front Derailleur	—
Shifting Lever	—
Brakes	Coaster brake (Rear only)
Rims	16" x 1.75"
Tires	16" x 1.50" black/white
Spokes	14G U-C-P finished
Pedals	SR SP-603 Black
Accessories	Handlebar grips/Chain-case/Mudguard/Training wheels
Color	Cobalt Blue
Minimum Inseam Length	19"

Model Number	JG-820
Frame Size	JG-820... 12.5"
Frame	Mild steel tubes
Fork	High-tensile 1020 tubes
Handlebar	Kusuki Steel
Stem	Kusuki Steel
Saddle	Vinyl leatherette
Crankset	SR 36T with one piece crank
Freewheel	—
Chain	1/2" x 1/8" x 84 links
Hubs	Front... Steel small flange Rear... Shimano coaster brake with 18T sprocket
Rear Derailleur	—
Front Derailleur	—
Shifting Lever	—
Brakes	Coaster brake (Rear only)
Rims	20" x 1.75"
Tires	20" x 1.50" black/white
Spokes	14G U-C-P finished
Pedals	SR SP-515 White with reflectors
Accessories	Front, rear and side reflectors/Handlebar grips/Chaincase/Kickstand/Mudguard
Color	Pearl Blue
Minimum Inseam Length.....	23"



BUTTERCUP 16

Model Number	JG-816
Frame Size	JG-816... 10.5"
Frame	Mild steel tubes
Fork	High-tensile 1020 tubes
Handlebar	Kusuki Steel
Stem	Kusuki Steel
Saddle	Vinyl leatherette
Crankset	Sugino 26T with one piece crank
Freewheel	—
Chain	1/2" x 1/8" x 72 links
Hubs	Front... Steel small flange Rear... Shimano coaster brake with 18T sprocket
Rear Derailleur	—
Front Derailleur	—
Shifting Lever	—
Brakes	Coaster brake (Rear only)
Rims	16" x 1.75"
Tires	16" x 1.50" black/white
Spokes	14G U-C-P finished
Pedals	SR SP-603 Black
Accessories	Handlebar grips/Chaincase/Mudguard/Training wheels
Color	Pretty Pink
Minimum Inseam Length.....	19"



UNICYCLE

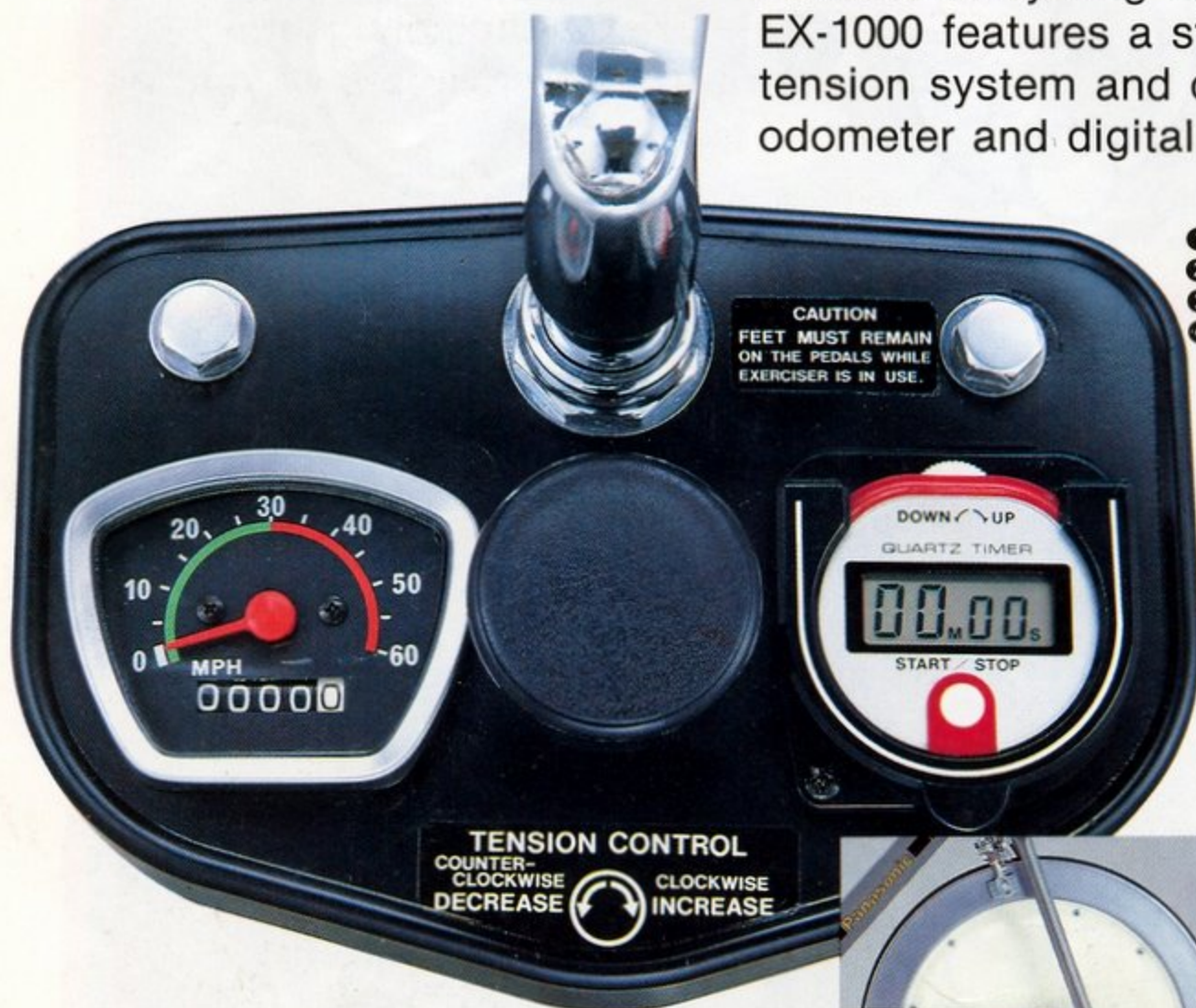
Model Number	UC-20
Fork	Steel
Saddle	Vinyl leatherette
Hubs	Unicycle hub
Rims	20" x 1.75"
Tires	20" x 1.75"
Spokes	14G U-C-P finished
Pedals	MKS Plastic
Color	Cobalt Blue



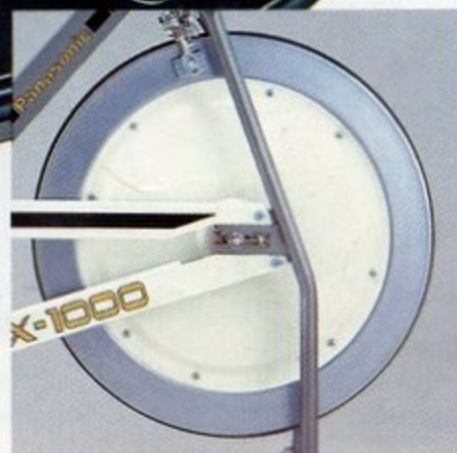


①

The Panasonic EX-1000 Exercise Bike lets you enjoy all the benefits of cycling right in your home or office. The EX-1000 features a sturdy Panasonic frame and Dia Compe tension system and comes equipped with a speedometer, odometer and digital timer.



- ① Instrument panel
- ② Weighted wheel
- ③ Foam grip & Saddle
- ④ Fingertip levers adjust seat height and handlebar position



②



③



④



①

The Panasonic EX-2000 Exercise Bike features the same high quality design as the EX-1000 but with one important difference: THE ERGOMETER. This remarkably useful gauge helps you keep track of the effectiveness of your exercise regimen.



- ① Ergometer
- ② Weighted wheel
- ③ Dia-Compe tension system
- ④ Saddle



②

TEAM SERIES					
Model	TEAM EUROPE I	TEAM AMERICA	TEAM JAPAN	TEAM EUROPE II	DX 5000
Model Number	TEF-851 TEF-853 TEF-856 TEF-858 TEF-861	TA-851 TA-853 TA-856 TA-858 TA-861	TJ-851 TJ-853 TJ-856 TJ-858 TJ-861	TES-851 TES-853 TES-856 TES-858 TES-861	DF-851 DF-853 DF-856 DF-858 DF-861 DF-864
Frame Size	TEF-851 --- 51cm TEF-853 --- 53cm TEF-856 --- 56cm TEF-858 --- 58cm TEF-861 --- 61cm	TA-851 --- 51cm TA-853 --- 53cm TA-856 --- 56cm TA-858 --- 58cm TA-861 --- 61cm	TJ-851 --- 51cm TJ-853 --- 53cm TJ-856 --- 56cm TJ-858 --- 58cm TJ-861 --- 61cm	TES-851 --- 51cm TES-853 --- 53cm TES-856 --- 56cm TES-858 --- 58cm TES-861 --- 61cm	DF-851 --- 51cm DF-853 --- 53cm DF-856 --- 56cm DF-858 --- 58cm DF-861 --- 61cm DF-864 --- 64cm
Frame	Columbus SP & SL Cr-Mo double butted tubes, Lostwax head & seat lugs, Campagnolo 1010B forged ends and Campagnolo Nuovo Record B.B. set	Columbus SP & SL Cr-Mo double butted tubes, Lostwax head & seat lugs, Shimano EF forged ends and Shimano New Dura-Ace sealed B.B. set	Columbus SP & SL Cr-Mo double butted main tubes, Lostwax seat lug, SunTour forged ends and sealed B.B. set	Columbus SP & SL Cr-Mo double butted main tubes, Lostwax seat lug, Tange forged ends and Campagnolo Victory B.B. set	Tange Champion No.1 Cr-Mo double butted tubes, Lostwax seat lug, Tange forged ends and Shimano New 600EX sealed B.B. set
Fork	Columbus SP blades, Tange C-10 lostwax crown, Campagnolo 1010B forged ends and Campagnolo Nuovo Record head set	Columbus SP blades, Tange C-10 lostwax crown, Shimano EF forged ends and Shimano New Dura-Ace sealed head set	Tange Cr-Mo blades, C-2 crown, SunTour forged ends and sealed head set	Tange Cr-Mo blades, C-2 crown, Forged ends and Campagnolo Victory head set	Tange Cr-Mo blades, C-2 crown, forged ends and Shimano New 600EX sealed head set
Handlebar	Nitto No.55, Maes alloy	Nitto No.165, Maes alloy	SR CTD, Maes alloy	SR CTD, Maes alloy	SR CTD, Maes alloy
Stem	Nitto Pearl, Forged alloy	Nitto Pearl, Forged alloy	SR CT alloy	SR CT alloy	SR CT alloy
Saddle	Selle Italia Super Turbo with Campagnolo Nuovo Super Record seat post	Selle Italia Super Turbo with Shimano Dura-Ace EX seat post	Selle Italia Turbo with SunTour Superbe Pro seat post	Selle Italia Turbo with Campagnolo Victory seat post	Selle Italia Turbo with SR CT-P5 micro adjusting seat post
Crankset	Campagnolo super Recordo 1049/A 53/42T	Shimano New Dura-Ace 53/42T	SunTour Superbe Pro 53/42T	Campagnolo Victory 52/42T	Shimano New 600EX Biopace 52/42T
Freewheel	SunTour New winner 7-speed 13-21T	Shimano New Dura-Ace 6-speed 12-19T, Cassette type	SunTour New winner 7-speed 13-21T	SunTour New winner 7-speed 13-21T	Shimano New 600EX 6-speed 13-26T
Chain	SunTour Superbe Silver, 1/2" x 3/32" x 106 links	Shimano 600UG Silver, 1/2" x 3/32" x 106 links	SunTour Suprebe Silver, 1/2" x 3/32" x 108 links	SunTour Ultra 6, 1/2" x 3/32" x 106 links	Shimano 600UG Silver, 1/2" x 3/32" x 108 links
Hubs	Campagnolo Record 1034, 32 ^H	Shimano New Dura-Ace Freehub sealed mechanism 32 ^H	SunTour Superbe Pro sealed bearing 32 ^H	Campagnolo Victory	Shimano New 600EX, Forged alloy small flange with Q.R., Sealed mechanism
Rear Derailleur	Campagnolo Super Record	Shimano New Dura-Ace S.I.S.	SunTour Superbe Pro with sealed bearing pulleys	Campagnolo Victory	Shimano New 600EX S.I.S.
Front Derailleur	Campagnolo Super Record	Shimano New Dura-Ace	SunTour Superbe Pro	Campagnolo Victory	Shimano New 600EX
Shifting Lever	Campagnolo Record 10135N-10136N Brazed on down tube mounted	Shimano New Dura-Ace S.I.S. Brazed on down tube mounted	SunTour Superbe Pro Brazed on down tube mounted	Campagnolo Victory Brazed on down tube mounted	Shimano New 600EX S.I.S. Brazed on down tube mounted
Brakes	Campagnolo Super Record 47mm reach, Alloy with Super Record levers	Shimano New Dura-Ace, Alloy side-pull with Dura-Ace AX aero levers	SunTour Superbe Pro, Alloy side-pull with CB-2200 Superbe Pro levers	Campagnolo Victory 47mm reach, Alloy side-pull with Victory levers	Shimano New 600EX, Alloy side-pull with Q.R., tire guide and 600AX levers
Rims	Campagnolo Victory Strada 32 ^H Super hard anodized	Araya Aero tubular ADX-4 32 ^H Super hard anodized	Araya Aero tubular ADX-4 32 ^H Super hard anodized	Campagnolo Victory Crono Super hard anodized	Araya 20A, 700C, Alloy
Tires	Panaracer tubular 200gr. Competition	Panaracer tubular 200gr. Competition	Panaracer tubular 230gr. Leger	Panaracer tubular 230gr. Leger	Panaracer Vertex 700x23C High Extra 115PSI
Spokes	Stainless 14G	Stainless 14G	Stainless 14G	Stainless 14G	Stainless 14G
Pedals	Campagnolo Record 1037/A with alloy toe clips	Shimano New Dura-Ace with reflectors	SunTour Superbe Pro sealed bearing with reflectors	Campagnolo Victory with toe clips and straps	Shimano New 600EX with reflectors
Accessories	Cushion handlebar tape/Toe straps/Plastic spoke protector/Front, rear, side and pedal reflectors	Cushion handlebar tape/Toe clips and straps/Plastic spoke protector/Front, rear and side reflectors	Cushion handlebar tape/Toe clips and straps/Plastic spoke protector/Front, rear and side reflectors	Cushion handlebar tape/Plastic spoke protector/Front, rear and side reflectors	Front, rear and side reflectors/Cushion handlebar tape/Toe clips and straps/Plastic spoke protector/Allen key wrench
Color	Special Tri Color Paint	Special Tri Color Paint	Imperial Red	Pacific Blue	Grape Dust

DX SERIES			TRACK SERIES		TOURING SERIES		
DX 4000	DX 3000	DX 2000	TRACK 4000	TRACK 2000	PRO TOURING	TOURING DELUXE	Model
DR-851 DR-853 DR-856 DR-858 DR-861	DS-851 DS-853 DS-856 DS-858 DS-861	DX-818 DX-820 DX-822 DX-824 DX-826 DX-828	TR-853 TR-856 TR-858	TK-822 TK-824	PT-819 PT-821 PT-823 PT-825	TD-819 TD-821 TD-823 TD-825	Model Number
DR-851 --- 51cm DR-853 --- 53cm DR-856 --- 56cm DR-858 --- 58cm DR-861 --- 61cm	DS-851 --- 51cm DS-853 --- 53cm DS-856 --- 56cm DS-858 --- 58cm DS-861 --- 61cm	DX-818 --- 18" DX-820 --- 20" DX-822 --- 22" DX-824 --- 24" DX-826 --- 26" DX-828 --- 28"	TR-853 --- 53cm TR-856 --- 56cm TR-858 --- 58cm	TK-822 --- 22" TK-824 --- 24"	PT-819 --- 19" PT-821 --- 21" PT-823 --- 23" PT-825 --- 25"	TD-819 --- 19" TD-821 --- 21" TD-823 --- 23" TD-825 --- 25"	Frame Size
Tange Champion No.2 Cr-Mo double butted tubes, lostwax seat lug, Tange forged ends and sealed B.B. set	Tange 900 Cr-Mo double butted tubes, Forged ends and sealed B.B. set	Tange 900 Cr-Mo double butted tubes, Forged ends and sealed B.B. set	Tange Champion No.2 Cr-Mo double butted, SunTour Track ends and Sugino Model H B.B. set	Tange 900 Cr-Mo double butted tubes, SunTour Track ends	Tange Champion No.2 Cr-Mo double butted tubes, Lostwax seat lug, SunTour forged ends and Shimano New 600EX sealed B.B. set	Tange 1000 Cr-Mo double butted tubes and forged ends	Frame
Tange Cr-Mo blades, AC-2 crown, forged ends and sealed head set	Tange Mangalay, AC-2 crown, Forged ends and sealed head set	Tange Mangalay and forged ends	Tange Cr-Mo blades, Lostwax crown, SunTour forged ends and Tange Nova head set	Tange Mangalay, CCL crown	Tange Cr-Mo blades, C-1 crown, Forged ends and Tange Falcon Sealed head set	Tange Mangalay, CCL crown and forged ends	Fork
SR CTD, Maes alloy	SR CTD, Maes alloy	SR CTD, Maes alloy	Nitto B115 Olympiad, Maes alloy	SR Royal-978, Maes alloy	SR RND 420, Randonneur alloy	Kusuki WPR-B, Randonneur alloy	Handlebar
SR CT alloy	SR CT alloy	SR CT alloy	Nitto NTC-A-100, Forged alloy	SR Royal 2, Forged alloy	SR AE, Forged alloy	Kusuki WINΣ alloy	Stem
Selle Italia Mundialita with Sugino SP-KCL micro adjusting seat post	Selle Italia 0419-V aero with SR CT-P5E micro adjusting seat post	Selle Italia anatomic with SR CT-P5E micro adjusting seat post	Selle Italia 0419-V aero with SR CT-P5E micro adjusting seat post	Selle Italia 0419-V aero with alloy seat post	Selle Italia 0422-S anatomic, suede with SR CT-P5 micro adjusting seat post	Selle Italia 0422-V anatomic, with SR CT-P5E micro adjusting seat post	Saddle
Sugino GLP Special, Alloy 52/42T	SR SXC-200, Alloy 52/42T	Sugino DVP, Alloy 52/42T	Sugino AS, Forged alloy 50T	Sugino SVT alloy 48T	Shimano Biopace 50/44/28T	Shimano ART 48/42/28T	Crankset
SunTour Winner Silver 6-speed 13-24T	Shimano Z012 6-speed 14-28T	Shimano Z012 6-speed 14-28T	SunTour 15T Fixed sprocket	16T Freewheel and 15T Fixed sprocket	Shimano 600UG Silver 6-speed 13-30T	Shimano Z012 5-speed 14-28T	Freewheel
HKK Z Silver, 1/2"×3/32"×108 links	Shimano UG 1/2"×3/32"×110 links	Shimano UG 1/2"×3/32"	HKK 1/2"×1/8"×98 links	HKK 1/2"×1/8"×98 links	Shimano 600UG Silver 1/2"×3/32"×112 links	Shimano UG 1/2"×3/32"×112 links	Chain
SR CRH-310QR Sealed mechanism, Alloy small flange with Q.R.	Sansin ET-Q Sealed mechanism, Alloy small flange with Q.R.	Sansin ET-Q Sealed mechanism, Alloy small flange with Q.R.	SunTour sprint forged alloy large flange	Sansin alloy semi large flange	Sansin Gyro-Master RE-40S Sealed bearing, Forged alloy small flange with Q.R. Front --- 36°, Rear --- 40°	Sansin ET-Q Sealed mechanism, Alloy small flange with Q.R.	Hubs
SunTour Sprint	Shimano L525SS S.I.S.	Shimano L523SS	—	—	Shimano Deore XT Super Plate	Shimano L523GS	Rear Derailleur
SunTour Sprint	Shimano Z206	Shimano Z204	—	—	Shimano Deore XT GS	Shimano Z204GS	Front Derailleur
SunTour Sprint Brazed on down tube mounted	Shimano S424 S.I.S. Brazed on down tube mounted	Shimano L422 down tube mounted	—	—	Shimano Z408 Brazed on down tube mounted	Shimano L422 down tube mounted	Shifting Lever
Dia-Compe G500N, Alloy side-pull with Q.R., tire guide and AC250G levers	Shimano Z570 side-pull with Q.R., tire guide and 600AX levers	Shimano Z570 side-pull with Q.R., tire guide and gum hooded drilled levers	—	Dia-Compe 500 alloy side-pull with hooded and Q.R. levers	Shimano Dore XT cantilever brakes with gum hooded drilled levers	Shimano AT-50 cantilever brakes with gum hooded drilled levers	Brakes
Ukai 20A, 700C, Alloy	Ukai 20A, 700C, Alloy	Araya Model 18, 27"×1-1/4", Alloy	Araya 16B, Alloy tubular	Araya 20A, 700C, Alloy	Araya 16A[3], 27"×1-1/4", Alloy	Araya Model 18, 27"×1-1/4", Alloy	Rims
Panaracer Vertex 700×23C High Extra 115PSI	Panaracer 700×25C Open side 100PSI	Panaracer 27"×1-1/8" Open side 100PSI	Panaracer tubular 230gr. Leger	Panaracer 700×25C Racing Extra 100PSI	Panaracer 27"×1-1/4" Tour Guard with Kevlar® belt 90PSI	Panaracer 27"×1-1/4" Open side 90PSI	Tires
Stainless 14G	14G U-C-P finished	14G U-C-P finished	Stainless 14G	14G U-C-P finished	Stainless 14G	14G U-C-P finished	Spokes
KKT Pro-Vic II B Black with reflectors	KKT Pro-Vic II B with reflectors	SR SP-250 with reflectors	MKS Sylvan Track	MKS Sylvan Track with reflectors	MKS Sylvan Road, with reflectors	KKT Pro Vic II B with reflectors	Pedals
Front, rear and side reflectors/Cushion handlebar tape/Toe clips and Straps/Plastic spoke protector/Allen key wrench	Front, rear and side reflectors/Shiny vinyl handlebar tape/Toe clips and straps/Plastic spoke protector	Front, rear and side reflectors/Shiny vinyl handlebar tape/Toe clips and straps/Plastic spoke protector	Shiny vinyl handlebar tape/Toe clips and straps	Front, rear and side reflectors/Chaincase/Cloth handlebar tape	Front, rear and side reflectors/Comfort grips/Toe clips and straps/Plastic spoke protector/Rear carrier/Allen key wrench	Front, rear and side reflectors/Comfort grips/Toe clips and straps/Plastic spoke protector/Rear carrier	Accessories
Ocean Blue	Midnight Black	Imperial Red	Imperial Red	Midnight Black	Metallic Graphite	Canyon Red	Color

Specifications

SPORT SERIES					MOUNTAIN CAT SERIES	
Model	SPORT 1000	SPORT LX	SPORT	SPORT 500	PRO ATB	ATB
Model Number	S-819 SL-819 S-821 SL-822 S-823 S-825 S-827	LX-819 LXL-817 LX-821 LXL-819 LX-823 LXL-822 LX-825 LX-827	PS-819 PSL-819 PS-821 PS-823 PS-825 PS-827	SF-817 SFL-817 SF-819 SFL-819 SF-821 SF-823 SF-825	PMB-818 PMB-820 PMB-822 PMB-824	MB-818 MB-820 MB-822 MB-824
Frame Size	S-819 --- 19" SL-819 --- 19" S-821 --- 21" SL-822 --- 22" S-823 --- 23" S-825 --- 25" S-827 --- 27"	LX-819 --- 19" LXL-817 --- 17.5" LX-821 --- 21" LXL-819 --- 19" LX-823 --- 23" LXL-822 --- 22" LX-825 --- 25" LX-827 --- 27"	PS-819 --- 19" PSL-819 --- 19" PS-821 --- 21" PS-823 --- 23" PS-825 --- 25" PS-827 --- 27"	SF-817 --- 17.5" SFL-817 --- 17.5" SF-819 --- 19" SFL-819 --- 19" SF-821 --- 21" SF-823 --- 23" SF-825 --- 25"	PMB-818 --- 18" PMB-820 --- 20" PMB-822 --- 22" PMB-824 --- 24"	MB-818 --- 18" MB-820 --- 20" MB-822 --- 22" MB-824 --- 24"
Frame	Tange 900 Cr-Mo double butted tubes and Sealed B.B. set	Tange 900 Cr-Mo double butted tubes	Cr-Mo main tubes	High-tensile 1020 tubes	Tange Cr-Mo double butted tubes, forged ends and Shimano New 600EX sealed B.B. set	Cr-Mo main tubes and forged ends
Fork	High-tensile 1020 tubes	High-tensile 1020 tubes	High-tensile 1020 tubes	High-tensile 1020 tubes	Tange Cr-Mo blades, forged ends and Tange Levin sealed head set	High-tensile 1020 tubes and forged ends
Handlebar	Kusuki WP-B, Maes alloy	Kusuki KD-LB, Maes alloy ferrule	SR, Maes	SR, Maes	Nitto B801 AA-F alloy	SR MTB-100 Cr-Mo steel
Stem	Kusuki S-WIN-AH alloy	Kusuki S-WIN-AH alloy	SR alloy stem with allen key head bolt	SR alloy stem with allen key head bolt	Nitto MT-2 Black alloy	SR MTS-100 alloy
Saddle	Selle Italia anatomic with SR CT-P6C seat post	Black vinyl leatherette	Black vinyl leatherette	Black vinyl leatherette	Selle Italia 0422-L anatomic with SR CT-P5 250mm long micro adjusting seat post	Selle Italia 0422-V anatomic with SR CT-P5 250mm long micro adjusting seat post
Crankset	SR CXC-300 alloy 52/40T	Sugino forged alloy crank arms 52/40T	SR CTC-5SG 52/40T alloy crank arms	SR CTC-5SG 52/40T alloy crank arms	Shimano Biopace 48/38/28T	Sugino TGT 46/36/26T
Freewheel	Shimano Z012 6-speed 14-28T	SunTour PN-6000 6-speed 14-28T	Shimano Z012 5-speed 14-28T	Shimano Z012 5-speed 14-28T	SunTour Winner Pro sealed 6-speed 14-32T	Shimano Z012 5-speed 14-30T
Chain	Shimano UG 1/2" x 3/32" x 114 links	HKK Z 1/2" x 3/32" x 114 links	HKK Z 1/2" x 3/32" x 114 links	HKK Z 1/2" x 3/32" x 114 links	Shimano 600UG Silver 1/2" x 3/32" x 114 links	Shimano UG 1/2" x 3/32" x 114 links
Hubs	Sansin ET-Q Sealed mechanism, Alloy small flange with Q.R.	Front --- Alloy small flange with Q.R. Rear --- Small flange	Steel small flange	Steel small flange	SunTour XC Sealed bearing	Suzue MTB-SS Sealed mechanism, Alloy small flange with Cr-Mo axle
Rear Derailleur	Shimano Z501	SunTour AR	Shimano SKY LARK	Shimano SKY LARK	SunTour XC	Shimano AL-11
Front Derailleur	Shimano Z202	SunTour AR	Shimano AX50	Shimano AX50	SunTour XC	Shimano AL-11
Shifting Lever	Shimano Z401 stem mounted	SunTour UB-10 stem mounted	Shimano Stem mounted	Shimano Stem mounted	SunTour XC Thumb shifter	Shimano MT-50 Thumb shifter
Brakes	Shimano Z570 side-pull with Q.R. and extension levers	Dia-Compe 500N alloy side-pull with Q.R. and extension levers	Dia-Compe 630N alloy side-pull with hooded and extension levers	Dia-Compe 630N alloy side-pull with hooded and extension levers	Front --- Dia-Compe No.981 cantilever brake/Rear --- SunTour XC-Sport power brake Lever --- SunTour XC-Sport power brake levers	Dia-Compe No.981 cantilever brakes with No.280 MTB levers
Rims	Araya SP-30, 27" x 1-1/4", Alloy	Araya SP-30, 27" x 1-1/4", Alloy	Araya SP-30, 27" x 1-1/4", Alloy	27" x 1-1/4"	Araya RM-25, 26" x 1.75", Alloy	26" x 1.75", Alloy
Tires	Panaracer 27" x 1-1/8" Open side 100PSI	Panaracer 27" x 1-1/4" Gumwall crackproof 90PSI	Panaracer 27" x 1-1/4" Gumwall crackproof 90PSI	Panaracer 27" x 1-1/4" Gumwall crackproof 90PSI	Panaracer IBEX 26" x 2.00" Open side 40-65PSI	Panaracer IBEX 26" x 2.00" Open side 40-65PSI
Spokes	14G U-C-P finished	14G U-C-P finished	14G U-C-P finished	14G U-C-P finished	14G U-C-P finished	14G U-C-P finished
Pedals	SR SP-467 alloy with reflectors	MKS RT-7 with reflectors	MKS RT-7 with reflectors	KKT RT-EII with reflectors	SunTour XC with reflectors	Shimano MX-15 Black with reflectors
Accessories	Front, rear and side reflectors/Comfort grips/Plastic spoke protector	Front, rear and side reflectors/Comfort grips/Plastic spoke protector/Chainguard	Front, rear and side reflectors/Comfort grips/Plastic spoke protector/Chainguard	Front, rear and side reflectors/Comfort grips/Plastic spoke protector/Chainguard	Front, rear and side reflectors/Handlebar grips/Plastic spoke protector/Q.R. seat binder bolt set	Front, rear and side reflectors/Handlebar grips/Spoke protector/Q.R. seat binder bolt set
Color	Bermuda Blue --- Men's & Ladies Wine Red --- Men's only Grape Dust --- Ladies' only	Metallic Graphite --- Men's & Ladies Imperial Red --- Men's only Classic White --- Ladies' only	Adriatic Blue --- Men's & Ladies Midnight Black --- Men's only Salmon Pink --- Ladies' only	Sea Blue Metallic Red	Chrome Yellow	Canyon Red

COMMUTER SERIES							
RTB	CITY BIKE	VILLAGER DX	VILLAGER	TOURIST-10	TOURIST-5	TOURIST-3	Model
RT-818 RT-820 RT-822	CB-820 CBL-818 CB-822 CB-824	VX-820 VXL-818 VX-822	V-817 VL-817 V-819 VL-819 V-821 VL-822 V-823 V-825	T-811 TL-817 T-813 TL-819 T-815 TL-812	T-851 TL-859 T-853 TL-852	T-839 TL-837 T-831 TL-839 T-833	Model Number
RT-818 --- 18" RT-820 --- 20" RT-822 --- 22"	CB-820 --- 20" CBL-818 --- 18" CB-822 --- 22" CB-824 --- 24"	VX-820 --- 20" VXL-818 --- 18" VX-822 --- 22"	V-817 --- 17.5" VL-817 --- 17.5" V-819 --- 19" VL-819 --- 19" V-821 --- 21" VL-822 --- 22" V-823 --- 23" V-825 --- 25"	T-811 --- 21" TL-817 --- 17.5" T-813 --- 23" TL-819 --- 19" T-815 --- 25" TL-812 --- 22"	T-851 --- 21" TL-859 --- 19" T-853 --- 23" TL-852 --- 22"	T-839 --- 19" TL-837 --- 17.5" T-831 --- 21" TL-839 --- 19" T-833 --- 23"	Frame Size
High-tensile 1020 tubes and forged ends	Cr-Mo main tubes	High-tensile 1020 tubes	High-tensile 1020 tubes	High-tensile 1020 tubes	High-tensile 1020 tubes	High-tensile 1020 tubes	Frame
High-tensile 1020 tubes, Tange MT-5 crown and forged ends	High-tensile 1020 tubes	High-tensile 1020 tubes	High-tensile 1020 tubes	High-tensile 1020 tubes	High-tensile 1020 tubes	High-tensile 1020 tubes	Fork
SR MTB-301	SR MTB-301	SR MTB-301	Kusuki Maes	Kusuki North Road	Kusuki North Road	Kusuki North Road	Handlebar
SR MTS-120 alloy	SR MTS-120 alloy	SR MTS-120 alloy	Kusuki S-WIN-AH	Kusuki S-WIN-AH alloy	Kusuki S-WIN-AH alloy	Kusuki S-WIN-AH alloy	Stem
Selle Italia anatomic with SR CT-P5E micro adjusting seat post	Selle Italia anatomic with SR CT-P5E micro adjusting seat post	Black vinyl leatherette, mattress	Black vinyl leatherette	Black vinyl leatherette, mattress	Black vinyl leatherette, mattress	Black vinyl leatherette, mattress	Saddle
Shimano ART 46/36/26T	Shimano FC-T500 50/42/34T	52/39T steel with F.F. system	52/39T steel with F.F. system	52/39T steel with F.F. system	46T steel with F.F. system	48T steel	Crankset
Shimano Z012 5-speed 14-28T	Shimano Z012 5-speed 14-32T	14-28T with F.F. system, 5-speed	14-28T with F.F. system, 5-speed	14-28T with F.F. system, 5-speed	14-28T with F.F. system, 5-speed	—	Freewheel
Shimano UG 1/2"×3/32"×114 links	Shimano UG 1/2"×3/32"×118 links	Shimano UG 1/2"×3/32"×116 links	Shimano UG 1/2"×3/32"×114 links	Shimano UG 1/2"×3/32"×114 links	Shimano UG 1/2"×3/32"×110 links	HKK 1/2"×1/8"×104 links	Chain
Suzue MTB-SS Sealed mechanism, Alloy small flange with Cr-Mo axle	Shimano forged alloy Front --- Small frange with Q.R. Rear --- Small frange	Shimano forged alloy small flange	Steel small flange	Steel small flange	Steel small flange	Steel small flange	Hubs
Shimano Z503GS	Shimano Z503GS	Shimano Positron-FH400	Shimano Positron-FH	Shimano LARK II	Shimano LARK II	—	Rear Derailleur
Shimano Z204GS	Shimano Z204GS	Shimano AX50	Shimano AX50	Shimano AX50	—	—	Front Derailleur
Shimano MT-50 Thumb shifter	Shimano MT-50 Thumb shifter	Shimano Thumb shifter with P.P.S. system	Stem mounted with P.P.S. shifting lever	Shimano MT-30 Thumb shifter	Shimano MT-30 Thumb shifter	Shimano Trigger lever	Shifting Lever
Dia-Compe No.981 cantilever brakes with No.281 MTB levers	Dia-Compe No.981 cantilever brakes with No.281 MTB levers	Dia-Compe 1020 alloy side-pull with No.281 levers	Dia-Compe 630N alloy side-pull with hooded and extension levers	Dia-Compe 730 alloy side-pull	Dia-Compe 730 alloy side-pull	Dia-Compe 730 alloy side-pull (Front only)	Brakes
26"×1.75", Alloy	26"×1.5", Alloy	26"×1.5", Alloy	27"×1-1/4"	27"×1-1/4"	27"×1-1/4"	27"×1-1/4"	Rims
Panaracer Ridge Line 26"×1.5" Open side 40-65PSI	26"×1.5" Gumwall	26"×1.5" Gumwall	Panaracer 27"×1-1/4" Gumwall crackproof 90PSI	Panaracer 27"×1-1/4" Gumwall crackproof 90PSI	Panaracer 27"×1-1/4" Gumwall crackproof 90PSI	Panaracer 27"×1-1/4" Gumwall crackproof 90PSI	Tires
14G U-C-P finished	14G U-C-P finished	14G U-C-P finished	14G U-C-P finished	14G U-C-P finished	14G U-C-P finished	14G U-C-P finished	Spokes
MKS PB-20 Black with reflectors	MKS PB-20 Black with reflectors	MKS 60 full rubber with reflectors	MKS RT-7 with reflectors	MKS 60 full rubber with reflectors	MKS 60 full rubber with reflectors	MKS 60 full rubber with reflectors	Pedals
Front, rear and side reflectors/Handlebar grips/Spoke protector	Front, rear and side reflectors/Handlebar grips/Spoke protector	Front, rear and side reflectors/Handlebar grips/Spoke protector/Mudguard	Front, rear and side reflectors/Comfort grips/Spoke protector/Alloy kickstand/Inner and outer chainguard	Front, rear and side reflectors/Spoke protector/Mudguard with pin stripe/Alloy kickstand/Inner and outer chainguard/Handlebar grips	Front, rear and side reflectors/Spoke protector/Mudguard with pin stripe/Alloy kickstand/Inner and outer chainguard/Handlebar grips	Front, rear and side reflectors/Mudguard with pin stripe/Alloy kickstand/Chaincase/Handlebar grips	Accessories
Metallic Teal	Electric Blue	Gunmetal Grey	Imperial Red Cobalt Blue	Wine Red	Electric Blue	Gunmetal Grey	Color

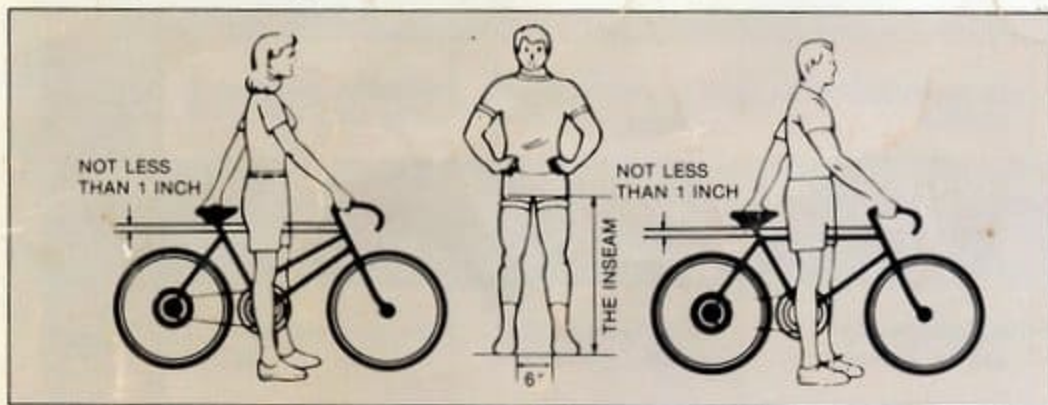
Tires

SIZE	SPECIFICATION	WEIGHT	PRESSURE
27 x 1-1/4	TOURING GUMWALL	460gram	90PSI
27 x 1-1/8	DUAL SKIN SIDE	330gram	100PSI
700 x 25C	DUAL SKIN SIDE	310gram	100PSI
27 x 1-1/4	TOUR GUARD GUMWALL (KEVLAR)	460gram	90PSI
27 x 1-1/8	TOUR GUARD SKIN (KEVLAR)	340gram	100PSI
700 x 25C	TOUR GUARD SKIN (KEVLAR)	320gram	100PSI
700 x 23C	VERTEX (SEMI-BALD TIRE)	220gram	115PSI
27 x 1-1/4	SWIFT (FOLDABLE TIRE)	270gram	90PSI
27 x 1-1/8	SWIFT (FOLDABLE TIRE)	240gram	100PSI
TUBULAR	RAPIDE (TRACK RACE)	150gram	130PSI
TUBULAR	RECORD (ROAD RACE)	270gram	110PSI
TUBULAR	COURSE (ROAD RACE)	300gram	110PSI
TUBULAR	TOUR GUARD 24 (TRIATHLON)	240gram	110PSI
26 x 2.00	IBEX (OFF-ROAD)	900gram	40-65PSI
26 x 1.50	RIDGE LINE (OFF-ROAD)	550gram	40-65PSI
20 x 1.50	WHITE SIDE WALL	470gram	40-50PSI
16 x 1.50	WHITE SIDE WALL	370gram	40-50PSI

Bicycle Accessories

		
MD-8SSB	MD-8BK	
		
NL-508	WATER BOTTLE	
		
RACING CAP	RACING JERSEY	RACING SHORTS

Proper Bicycle Fit



Proper fit is an important factor in assuring bicycle safety and handling. Panasonic Bicycles come in a variety of frame sizes, to ensure that there's one just right for you. Frame size is determined by choosing the largest frame which can be straddled with at least one inch of clearance above the top tube, keeping both feet on the ground, as illustrated, right. Women can use the men's style frame to determine the approximate size of the corresponding ladies' model, as illustrated, left.

PROPER PANASONIC BICYCLE FOR VARIOUS INSEAMS

FRAME SIZE	17.5"	18"	19"	20"	21"	22"	23"	24"	25"	26"	27"	28"
	44.5cm	46cm	48cm	51cm	53cm	56cm	58cm	61cm	64cm	66cm	68-69cm	71cm
THE MINIMUM INSEAM OF RIDER	28"	29"	29.5"	30.5"	31.5"	32.5"	33.5"	34.5"	35.5"	36.5"	37.5"	38.6"



Front Freewheeling System
Providing fast, positive shifting
without the need for pedaling.



Positive Pre-Select System
A gear may be accurately "Pre-Selected" at any time, even before mounting the bicycles.

LIMITED WARRANTY Panasonic BICYCLE / EXERCISER

MATSUSHITA APPLIANCE COMPANY, "PHI" or "PSC" will repair and exchange parts for this bicycle (or exerciser) free of charge in the U.S.A. or Puerto Rico in the event of a manufacturing defect, as follows:

Parts

New parts in exchange for defective parts for one (1) year after original purchase (Except exerciser digital timer battery).

Fork and Frame

New fork and frame for the life of the bicycle (or exerciser).

Exception: Fork and Frame (Only for Motocross Bicycle), New fork and Frame for one (1) year after original purchase.

Labor — Thirty Day Check-up

Repair of defects in material, workmanship or assembly for thirty (30) days after original purchase.

Service

Labor and parts can be obtained during the thirty (30) day labor warranty period by bringing your bicycle (or exerciser) to the Panasonic bicycle dealer from whom the bicycle (or exerciser) was purchased.

Parts Exchange

After the thirty (30) day labor warranty period is over, any defective part can be exchanged under the parts warranty by bringing it to any Panasonic bicycle dealer. Labor for removal and installation is available at your expense.

A purchase receipt or other proof of date of original consumer purchase will be required before warranty performance is rendered.

This warranty covers normal consumer use and does not cover failure which results from alteration, accident, misuse, abuse, neglect, improper assembly, maintenance, or commercial use.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

If a problem with this Panasonic bicycle (or exerciser) develops during the warranty period, first contact your Panasonic dealer. If the problem is not handled to your satisfaction, then write to the Panasonic Consumer Affairs Division at the company address.

Matsushita Appliance Company,
Division of Matsushita Electric
Corporation of America
Bicycle Sales Department

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5374, 5378

SOUTH EAST
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Panasonic

<http://panasonicbikemuseum.info>