

Panasonic Bicycles



Aero Road 6000

14 Speed



Deluxe 4000
12 Speed



Deluxe 2000

12 Speed



Deluxe 3000

12 Speed



Professional 7000

12 Speed



Pro-Touring 5000

15 Speed



Sport 1000 — Men's

12 Speed



Sport 1000 — Women's
12 Speed



Sport Deluxe — Men's
12 Speed



Sport Deluxe — Women's

12 Speed



10 Speed



Sport — Men's (17.5")
10 Speed



10 Speed



Tourist 5 — Men's

5 Speed



Tourist 5 — Women's

5 Speed



Tourist 10 — Men's

10 Speed



Tourist 10 — Women's

10 Speed



Panasonic Villager III — Men's

10 Speed

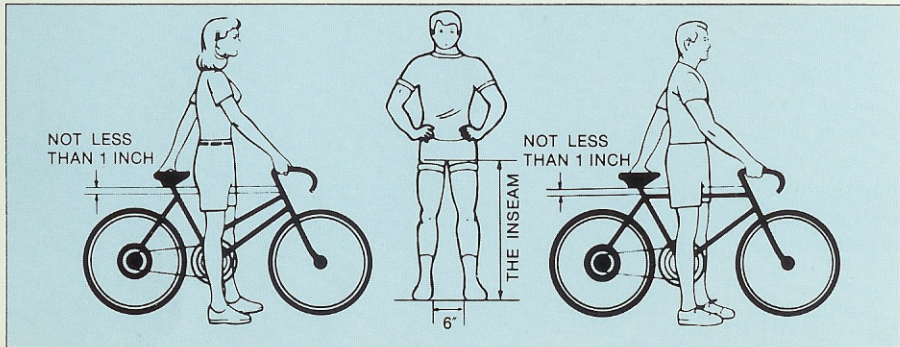


Panasonic Villager III — Women's

10 Speed



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"	19"	20"	21"	22"	23"	24"	25"	26"	27"	28"
THE MINIMUM INSEAM OF RIDER	28"	29.5"	30.5"	31.5"	32.5"	33.5"	34.5"	35.5"	36.5"	37.5"	38.5"

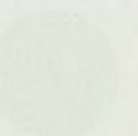
Specifications

Model Number	Professional 7000 PR-421 PR-423 PR-425	Aero Road 6000 AR-421 AR-423 AR-425	Pro-Touring 5000 PT-421 PT-423 PT-425	Deluxe 4000 DR-420 DR-422 DR-424 DR-426	Deluxe 3000 PD-422 PD-424 PD-426	Deluxe 2000 DX-420 DX-428 DX-422 DX-424 DX-426	Sport Deluxe SDX-421 SDXL-419 SDX-423 SDXL-422 SDX-425 SDX-427	Sport 1000 S-419 SL-419 S-421 S-423 S-425 S-427
Frame Size (Inches)	PR-421...21" PR-423...23" PR-425...25" Angle 73° x 74° (21°) 73° x 73°30	AR-421...21" AR-423...23" AR-425...25" Angle 74° x 74°	PT-421...21" PT-423...23" PT-425...25" Angle 73° x 73°	DR-420...20" DR-422...22" DR-424...24" DR-426...26" Angle 73° x 73°	PD-422...22" PD-424...24" PD-426...26" Angle 73° x 73°	DX-420...20" DX-426...26" DX-422...22" DX-428...28" DX-424...24" Angle 73° x 73° 74° x 74° (26°)	SDX-421...21" SDXL-419...19" SDX-423...23" SDXL-422...22" SDX-425...25" SDX-427...27" Angle 73° x 73° 74° x 74° (25°)	S-419...19" SL-419...19" S-421...21" S-423...23" S-425...25" S-427...27" Angle 72° x 72° (19°, 27°) 73° x 73°
Frame	Tange Cr-Mo butted tubes, Shimano short fork ends	Tange Cr-Mo Aero tubes, Shimano Short fork ends	Tange Cr-Mo butted tubes, with pin stripe	Tange Cr-Mo butted tubes, with pin stripe	Tange Cr-Mo butted main tubes, with pin stripe	Cr-Mo 4130 main tubes with pin stripe	Cr-Mo 4130 main tubes with pin stripe at head and seat lug	High-tensile 1020 tubing
Fork	Tange Cr-Mo Champion, forged Shimano fork ends	Tange Cr-Mo Aero 25, forged Shimano fork ends	Tange Cr-Mo with chrome ends	Tange Cr-Mo with chrome tips	High-tensile 1020 chrome tips	High-tensile 1020 chrome tips	High-tensile 1020 with chrome tips	High-tensile 1020 with chrome tips
Handlebar	Medalion alloy, Drop style	Light alloy, Maes	Light alloy, Maes	Light alloy, Maes	Light alloy, Maes	Light alloy, Maes	Light alloy, Maes	Steel randonneur
Stem	Medalion alloy	Light alloy, Dura Ace AX	Alloy stem with allen key head bolt	Alloy stem with allen key head bolt	Alloy stem with allen key head bolt	Alloy stem with allen key head bolt	Alloy stem with allen key head bolt	Alloy stem with allen key head bolt
Saddle	Kashimax Super Pro with alloy seat post	Ariake Nu-Buck Aero with Dura-Ace AX seat post	Buck skin top, anatomically styled, with alloy seat post	Black leatherette with alloy seat post	Black leatherette with alloy seat post	Black leatherette anatomically styled, with alloy seat post	Black vinyl leatherette, anatomically styled	Black vinyl leatherette
Crankset	42/52T, Dura-Ace EX, forged alloy cotterless	42/52T Dura Ace AX, forged alloy cotterless	34/46/52T Shimano Tourney AD, forged alloy cotterless	40/52T Shimano 600EX forged alloy, cotterless	40/52T forged inter-changeable alloy cotterless	40/52T forged alloy, inter-changeable gear, cotterless	40/52T forged alloy cotterless	40/52T steel gear with alloy cotterless crank arms
Freewheel	13/23T 6-speed	13/23T Dura Ace AX, 7-speed	14/34T 5-speed	13/26T Shimano 600EX 6-speed	14/34T Cassette free, 6-speed	13/26T Cassette free, 6-speed	14/28T Cassette free, 6-speed	14/28T Cassette free 6-speed
Chain	1/2" x 3/32" x 106 links, HKK Blue sky	1/2" x 3/32" x 110 links, Dura Ace UG silver finish	1/2" x 3/32" x 114 links, UG gold finish	1/2" x 3/32" x 110 links, UG gold finish	1/2" x 3/32" x 112 links, UG gold finish	1/2" x 3/32" x 108 links, UG gold finish	1/2" x 3/32" x 112 links, Uniglide	1/2" x 3/32" x 114 links, Uniglide
Hubs	Front...Small flange Dura-Ace EX W/QR Rear...Dura Ace EX W/QR	Light alloy, small flange with quick release, Shimano Dura Ace AX	Light alloy, small flange with quick release, Shimano 600	Light alloy, small flange with quick release Shimano 600EX	Light alloy, Front...Small flange with quick release, Rear...Cassette freehub with quick release	Light alloy, Front...Small flange with quick release, Rear...Cassette freehub with quick release	Light alloy, Front...Small flange with quick release, Rear...Cassette freehub with quick release	Front...Alloy, small flange with quick release Rear...Steel freehub
Rear Derailleur	Dura-Ace EX	Dura-Ace AX	Shimano Deore	Shimano 600EX	Shimano Deore	Shimano ALTUS-LT	Shimano ALTUS-ST	Shimano RS
Front Derailleur	Dura-Ace EX	Dura-Ace AX	Shimano Deore	Shimano 600EX	Shimano Deore	Shimano ALTUS-LT	Shimano ALTUS-ST	Shimano FE
Shifting Levers	Dura-Ace EX, down tube mounted	Dura-Ace AX, down tube mounted	Shimano Deore, down tube mounted	Shimano 600EX down tube mounted	Shimano Deore down tube mounted	Shimano self-centering, down tube mounted	Shimano self-centering, stem mounted	Shimano self-centering, stem mounted
Brakes	Dura-Ace EX alloy side-pull, short reach with quick release levers and hooded levers	Shimano Dura Ace AX, alloy center-pull, with hooded levers	Gran Compe 500, alloy side-pull with quick release levers and hooded levers	Shimano 600EX, alloy side-pull with quick release levers and hooded levers	Dia-Compe 500G, alloy side-pull with quick release levers and hooded levers	Dia-Compe 500 alloy side-pull with quick release levers and hooded levers	Dia-Compe alloy center-pull with hooded levers, safety levers and quick release levers	Dia-Compe alloy center-pull with hooded levers, safety levers and quick release levers
Rims	Tubular, alloy	Aero 700c, alloy	27" x 1 1/4", narrow rim, alloy	27" x 1", 20A, alloy	27" x 1 1/8", alloy	27" x 1 1/8", alloy	27" x 1 1/4", alloy	27" x 1 1/4"
Tires	Panaracer-300	700 x 25C Racing Extra 100 PSI	27" x 1 1/8" Gumwall crack proof 100 PSI New Touring Tread	27" x 1" Racing Extra 100 PSI New Touring Tread	27" x 1" Racing Extra 100 PSI New Touring Tread	27" x 1 1/8" Open-Side 100 PSI New Touring Tread	27" x 1 1/4" Open-Side 90 PSI New Touring Tread	27" x 1 1/4" Gumwall crack proof 90 New Touring Tread
Spokes	Swaged stainless, 14 — 15G	Swaged stainless 14 — 15G	14G stainless	14G stainless	14G U-C-P finished	14G U-C-P finished	14G U-C-P finished	14G U-C-P finished
Pedals	Pro-Ace, light alloy with reflector	Dura Ace AX, DD Pedal, light alloy with reflector	Pro Vic II, light alloy with reflector	Top Run rat-trap with reflector	Top-Run rat-trap with reflector	Top-Run rat-trap with reflector	50 rat-trap with reflector	RT-E rat-trap with reflector
Accessories	Front, rear and side reflectors/Spoke protector/Toe clips and straps/Cloth handlebar tape/Allen key wrench	Front, rear and side reflectors/Cloth handlebar tape/spoke protector/Toe Clips and straps/Bottle cage and Bottle/Allen Key wrench	Front, rear and side reflectors/spoke protector/Toe clips and straps/Cloth handlebar tape/Front and rear racks/Bottle cage/Bottle with Panasonic name	Front, rear and side reflectors/Cloth handlebar tape/spoke protector/Toe clips and straps/Allen key wrench/Bottle cage/Bottle with Panasonic name	Front, rear and side reflectors/Cloth handlebar tape/Spoke protector/Toe clips and straps/Allen key wrench/Chainguard/Bottle cage/Bottle with Panasonic name	Front, rear and side reflectors/Plastic spoke protector/Cloth handlebar tape/Toe clips and straps/Allen key wrench	Front, rear and side reflectors/Plastic spoke protector/Cloth handlebar tape	Front, rear and side reflectors/Spoke protector/Cloth handlebar tape/Alloy Kickstand Chainguard
Color	Royal silver	Pearl white	Gunmetal Grey	Royal silver	Golden brown	Gun metal grey/Midnight black/Chrome (20" Midnight black only) (28" Not available in chrome)	Sapphire blue/Wine red/ Astro silver	Midnight black/Cobalt blue/Quick silver
Weight (approx.)	22 lbs (21")	23 lbs (21")	26 lbs. (21")	24 lbs (22")	25 lbs (22")	25 lbs (22")	27 lbs (21")	31 lbs (21")

Colors



Royal silver



Pearl white



Gunmetal grey



Golden brown



Midnight black



Chrome



Sapphire blue



Wine red



Astro silver



Cobalt blue



Quick silver



Royal red



Racing blue



Forest green

Villager III V-417 VL-417 V-419 VL-419 V-421 VL-422 V-423 V-425	Sport PS-417 PSL-417 PS-419 PSL-419 PS-421 PSL-422 PS-423 PS-425	Tourist 10 T-411 TL-419 T-413 TL-412 T-415	Tourist 5 T-451 TL-459 T-453 TL-452 T-455
V-417...17.5° VL-417...17.5° V-419...19° VL-419...19° V-421...21° V-423...23° V-425...25° Angle 73° × 73° 72° × 72° (17.5°, 19°) 71° × 72° (Ladies 17.5°)	PS-417...17.5° PSL-417...17.5° PS-419...19° PSL-419...19° PS-421...21° PSL-422...22° PS-423...23° PS-425...25° Angle 73° × 73° 72° × 72° (17.5°, 19°) 71° × 72° (Ladies 17.5°)	T-411...21° TL-419...19° T-413...23° TL-412...22° T-415...25° Angle 72° × 72° (21°, 23°) 73° × 73°	T-451...21° TL-459...19° T-453...23° TL-452...22° T-455...25° Angle 72° × 72° (21°, 23°) 73° × 73°
High-tensile 1020 tubing	High-tensile 1020 tubing	High-tensile 1020 tubing	High-tensile 1020 tubing
High-tensile 1020 fully painted	High-tensile 1020 fully painted	High-tensile 1020 fully painted	High-tensile 1020 fully painted
Steel randonneur	Steel randonneur	Steel North Road	Steel North Road
Alloy stem with allen key head bolt	Alloy stem with allen key head bolt	Alloy stem with allen key head bolt	Alloy stem with allen key head bolt
Black vinyl leatherette	Black vinyl leatherette	Black vinyl leatherette mattress	Black vinyl leatherette mattress
39/52T steel with F.F. system, cotterless	40/52T steel cotterless crank arms	39/52T steel, with F.F. system, steel cotterless crank arms	46T steel, with F.F. system steel cotterless crank arms
14/28T with F.F. system, 5-speed	14/28T Cassette free, 5-speed	14/28T with F.F. system 5-speed	14/28T with F.F. system 5-speed
1/2" × 3/32" × 114 links, Uniglide	1/2" × 3/32" × 114 links Uniglide	1/2" × 3/32" × 114 links, Uniglide	1/2" × 3/32" × 110 links, Uniglide
Front...Steel small flange Rear...Steel small flange	Front...Steel small flange Rear...Steel freehub	Front...Steel small flange Rear...Steel small flange	Front...Steel small flange Rear...Steel small flange
Shimano Positron II	Shimano RS	Shimano 400 with saver	Shimano 400 with saver
Shimano FE	Shimano FE	Shimano FE	
Stem mounted with P.P.S. shifting lever	Shimano self-centering, stem mounted	Stem mounted	Stem mounted
Dia-Compe alloy center-pull with hooded levers and safety levers	Dia-Compe alloy center-pull with hooded levers and safety levers	Dia-Compe alloy side-pull	Dia-Compe alloy side-pull
27" × 1 1/4"	27" × 1 1/4"	27" × 1 1/4"	27" × 1 1/4"
PSI 27" × 1 1/4" Gumwall crack proof 85 PSI	27" × 1 1/4" Gumwall crack proof 75 PSI	27" × 1 1/4" Gumwall crack proof 75 PSI	27" × 1 1/4" Gumwall crack proof 75 PSI
14G U-C-P finished	14G U-C-P finished	14G U-C-P finished	14G U-C-P finished
RT-E rat-trap with reflector	RT-E rat-trap with reflector	RM 3 full rubber with reflector	RM 3 full rubber with reflector
Front, rear and side reflectors/Spoke protector/Alloy kickstand/Inner and outer chainguard	Front, rear and side reflectors/Spoke protector/Alloy kickstand/chainguard	Front, rear and side reflectors/Inner and outer chainguard/Spoke protector/Mudguard with pin strips	Front, rear and side reflectors/Spoke protector/Mudguard with pin strips/Inner and outer chainguard
Cobalt blue/Royal red	Racing blue/Royal red	Wine red	Forest green
33 lbs (21")	33 lbs (21")	34 lbs (21")	34 lbs (21")



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.

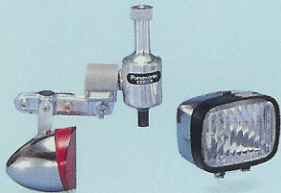
Tires and Tubes

Size	Size ISO	Type	Label or BOX	PSI.	Weight (gr.)	Outer Dia. (mm)	Section Width (mm)	Rim Designation
Panasonic	P-230	Tubular	Red		230	676	22.7	Tubular Rim
Panasonic	P-270	Tubular	Yellow		270	676	22.7	Tubular Rim
Panasonic	P-300	Tubular	Blue		300	676	22.7	Tubular Rim
700 × 25C	25-622	Racing Extra	White	100	270	672	22.0	ETRTO
700 × 28C	28-622	Racing Extra	White	90	280	682	27.0	ETRTO
27 × 1	25-630	Racing Extra	White/White*	100	270	680	22.0	K-2
27 × 1 ¹ / ₈	28-630	Racing Extra	Orange	90	300	690	26.0	K-2
27 × 1 ¹ / ₈	28-630	Skin Side	Green/White*	90/100	330	690	26.0	K-2
27 × 1 ¹ / ₈	28-630	Gumwall	Blue*	100	480	690	26.0	K-2
27 × 1 ¹ / ₄	32-630	Skin Side	Green/White*	85/90	350	693	30.0	K-2
27 × 1 ¹ / ₄	32-630	Gumwall	Yellow/Blue*	85/90	510	693	30.0	K-2
20 × 1.75		All Black		40~50	560	498	40.0	HB-5
20 × 1.75		Skin/Black, Blue Red, Yellow		40~50	510	498	40.0	HB-5
20 × 2.125		All Black		40~50	700	520	52.0	HB-9
20 × 2.125		Skin/Black, Blue Red, Yellow		40~50	650	520	52.0	HB-9
27 × 1 ¹ / ₈		Tube, American/ French Valve	Black	100	120			
27 × 1		Tube, American/ French Valve	Green	100	100			

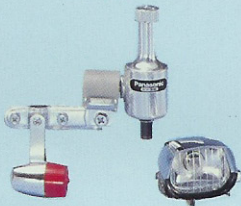
* New Touring Tread

Bicycle Accessories

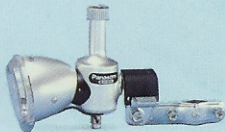
MD-8SSB



MD-8SC



MD-8BK



NL-508



WATER BOTTLE



LIMITED WARRANTY

Panasonic BICYCLE

PANASONIC COMPANY, "P.W.I." "PHI" or "PSC" will repair and exchange parts for this bicycle 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.

Fork and Frame

New fork and frame for the life of the bicycle.

Exception: Fork and Frame (Only for Motocross Bicycle), New fork and Frame for three (3) years 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 to the Panasonic bicycle dealer from whom the bicycle 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 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.

**Panasonic Company,
Division of Matsushita Electric
Corporation of America
Bicycles Sales Department**

One Panasonic Way,
Secaucus, New Jersey 07094
(201) 348-5374, 5375, 5376
5377, 5378

Panasonic West Inc.
(P.W.I.)
8383 Wilshire Blvd.
Beverly Hills,
California 90211
(213) 655-1111

Panasonic Hawaii, Inc. ("PHI")
91-238 Kauhi Street,
Ewa Beach, Hawaii 96706
(808) 682-2851

Panasonic Sales Co.,
("PSC"), P.O. box. 2036,
Ceramic Annex, Carolina
Puerto Rico 00630

Panasonic
just slightly ahead of our time