



B I C Y C L E S



**Panasonic**



## Mountain Cat Series

The Mountain Cat Series - for those who want the option of off-road riding, or simply desire a sturdy bicycle to handle the rigors of city use.

The Mountain Cat 7500 offers custom-built quality, with Prestige Cr-Mo double butted tubing and Shimano's new Deore XT group with S.I.S. and Biopace. It features Deore XT front cantilever brake and rear U-brake, Araya RM20 26" x 1.75" black anodized rims and stainless steel spokes. Available sizes: 16, 18, 20 and 22".



Mountain Cat 7500

The Mountain Cat 6500 utilizes the same frame geometry as the Mountain Cat 7500. Its features include Shimano's Deore S.I.S. group and Biopace crank set, front cantilever brake and rear U-brake. Available sizes: 16, 18, 20 and 22".



Mountain Cat 6500

The Mountain Cat 5500 features the Suntour XCD 6000 group throughout, with Accushift and a Sugino Cycloid crank set. The combination brake and shift lever are by Suntour. Like the 7500 and 6500, this model uses all sealed headsets, bottom brackets and hubs, as well as stainless steel spokes. Available sizes: 16, 18, 20 and 22".



Mountain Cat 5500

The Mountain Cat 4500 offers superior value in a true off-road model. It is built with a combination of Shimano's finest group features; the new Deore S.I.S. derailleur and shift lever, rear U-brake and Araya 7X 26"×1.5" alloy rims. Available sizes: 16, 18, 20, 22 and 24".



Mountain Cat 4500

The Mountain Cat 3500 features Shimano's new Exage Mountain group with front S.I.S. as well as rear S.I.S. Also this group features a Biopace crank set and front cantilever brake and rear U-brake. Available sizes: 16, 18, 20, 22 and 24".



Mountain Cat 3500



Mountain Cat 2500

The Mountain Cat 2500 and 1500 models are as civilized on rough terrain as they are on city streets. They feature Shimano S.I.S., with cantilever brakes front and rear. Their newly designed Panasonic tires are designed for on and off-road riding. Available sizes for both models: 18, 20, 22, 24 and 18" Ladies', 21" Ladies' available only in MC2500. Also available in the MC2500 only is a 24" wheel, 16" frame bike.



Mountain Cat 1500



Ⓐ DESIGN



Ⓑ DESIGN

### Team America

The Panasonic Team America - the racing world's premier hand-made performance bicycle. Mounted to the frame - which is made of state-of-the-art Tange Prestige Cr-Mo double-buttet tubing - is the Number One Component group from Shimano; Dura-Ace S.I.S., Araya aero super-hard anodized rims 32H and Panaracer tires. Available sizes: 48, 51, 53, 54, 55, 56, 57, 58, 61, and 64cm.



Ⓒ DESIGN

# ROAD BIKES



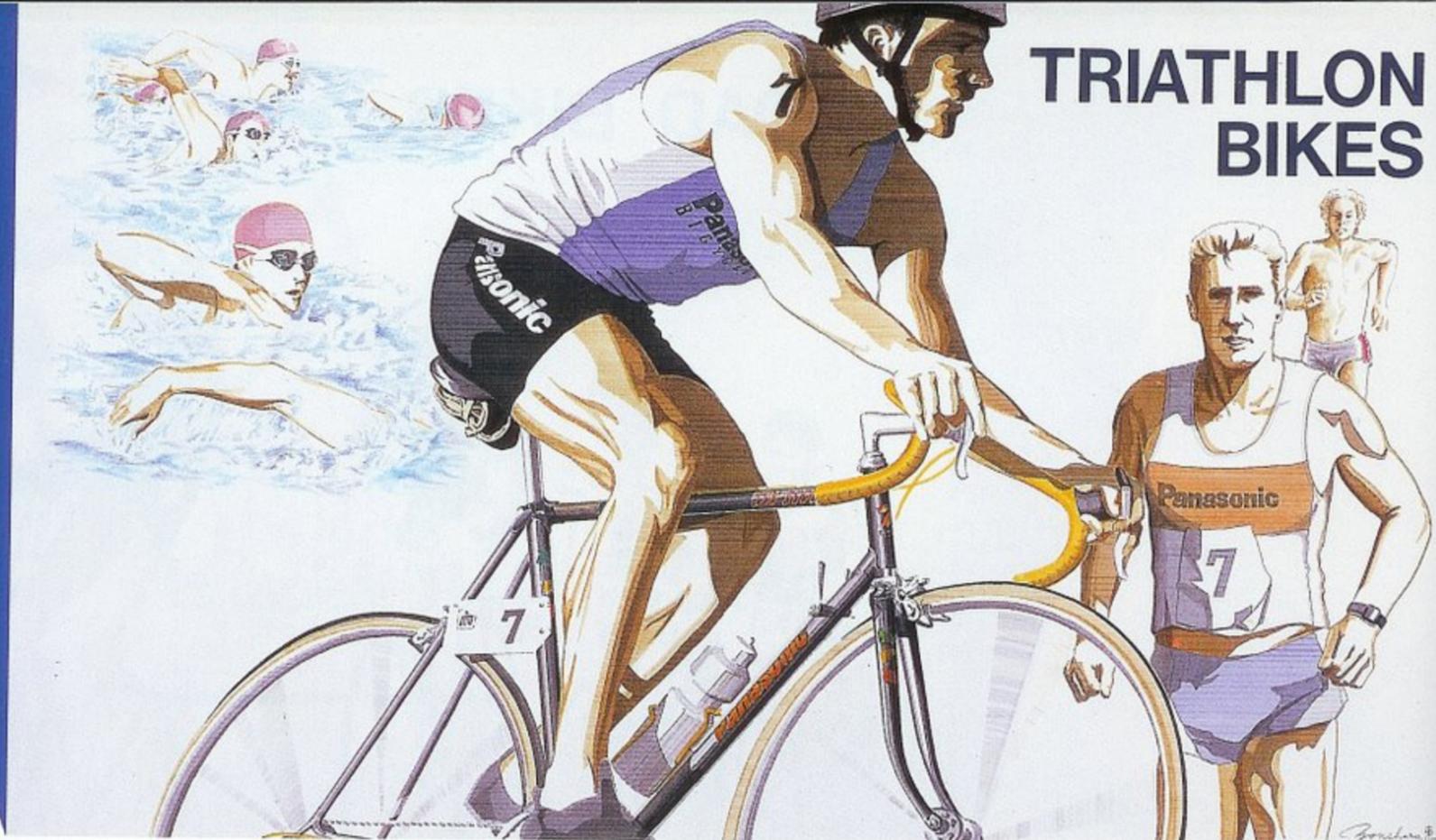
Both Panasonic Team models are exactly crafted, hand-made bicycles. They are available in three frame designs, with frame sets available separately as well. Due to the large variety of colors and sizes, and the time-consuming construction, models are specially ordered by your dealer when purchased. Therefore, the waiting period for delivery is approximately six to nine weeks. See page 21 for custom order information.

## Team Time Trial

The spectacular Team Time Trial combines Tange Number One Cr-Mo tubing with 600 Ultegra group from Shimano and Araya aero 26" front wheel. Available sizes: 56, 58 and 61 cm.



# TRIATHLON BIKES



## DX Series

The sleek DX Series offers a wealth of advanced new features, including Shimano S.I.S. groups: from the 600 Ultegra group to the exciting new Exages groups. All feature the Shimano Biopace. Shimano SLR brakes are available on many models, with the Aero brake levers a standard feature on all DX bicycles. Competitive racers, fitness rider and weekend enthusiasts. Panasonic has a DX Series model designed for you.

Serious tri-athletes and racers will appreciate the choice of components selected for the DX5000. Tange Prestige Cr-Mo double-butted tubing, and the new Shimano 600 Ultegra S.I.S. group throughout; 600 Ultegra Biopace crank set; UKAI 20A Alloy rims with stainless steel spokes and Panaracer 700x25C Tecnova tires. Available sizes: 51, 53, 56, 58, and 61cm.



DX-5000

The DX4000 features Champion Number One Cr-Mo double-buttet tubing. This bike has the new Shimano 105 S.I.S. group throughout, as well as a Biopace crank set. Other features include Araya SS-45 Alloy Rims, anodized with Panaracer 700x25C Tecnova tires. Available sizes: 47, 51, 53, 56, 58, 61 and 64cm.



DX-4000

The DX3000 has traditionally been one of the most popular, best selling Panasonic bicycles - and for good reason. Featuring the best of Shimano 105 S.I.S. group, in addition to that it features Shimano's SLR light-action aero brakes and Biopace crank set, it is an exceptional value in its price range. Available sizes: 43, 47, 51, 53, 56, 58, 61 and 64cm.



DX-3000



The DX1000 features the new Shimano A350 group with front and rear S.I.S. It also features Biopace crank set and Araya 700×25C alloy rims, offering the performance of a racer and the convenience of a sport-touring bicycle. Available sizes: 45, 48, 53, 58, and 64cm.



The PT3500 features the new Deore S.I.S. derailleur and Shimano Biopace crank set. It also features Shimano front and rear cantilever brakes. Its long wheel base provides a steady ride. Available sizes: 19, 21, 23, and 25".



## Sport Series

For around-town cruisers or aspiring racers, the Sport Series has an inimitable combination of performance, durability and fun.

The Sport DX is a Cr-Mo frame S.I.S. bicycle with stem mounted shifters and quick-release front and rear wheels. It features 27" x 1-1/8" Panasonic tires mounted on Araya alloy wheels. Available sizes: 19, 21, 23 and 25".



Sport DX

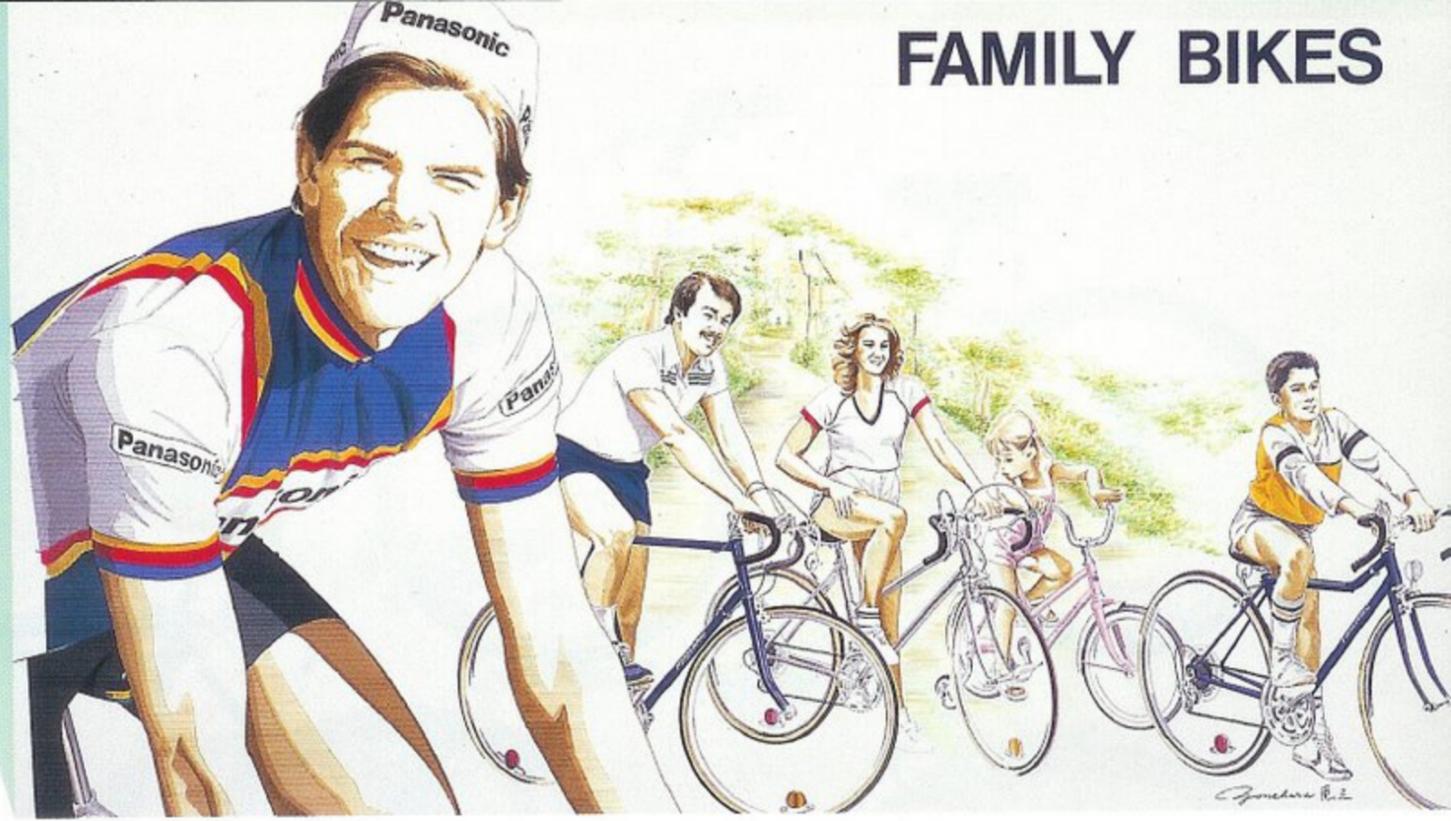


Sport (Ladies')

The Sport is a value - packed bicycle with its Cr-Mo frame, alloy wheels and 90 PSI tires. This bicycle has a quick release front wheel and to top it off it uses Shimano's front and rear derailleurs for easy shifting of all 12 speeds. Available sizes: 21, 23, 25, 27 and 19 & 22" Ladies'.



Sport



**Sport 500**

The Sport 500 is the ideal choice for the beginner in multispeed bicycles. It features tough steel 27" x 1-1/4" wheel and 10-speed gearing with alloy brakes. Available sizes: 17, 19, 21, 23, 25 and 17 & 19" Ladies'.



**Sport 500 (17.5" Men's)**



**Sport 500 (Ladies')**

Cruiser Series



Cruiser 5 (Ladies')



Cruiser 5

Great for beach areas, the Cruiser 5-Speed and 1-Speed are designed to withstand the damaging effects of salt air. Both models use alloy rims and crank arms, as well as stainless steel spokes. The Cruiser 1 features SunTour coaster brakes, with the Cruiser 5 using the Shimano rear derailleur. Available sizes: Men's 20 and 22", Lady's 18".



Cruiser 1 (Ladies')



Cruiser 1

Commuter Series



Tourist 10 (Ladies')



Tourist 10

Panasonic Tourist 10-Speed and 3-Speed bicycles are classic street models, with full mud-guards and large 27" x 1-1/4" rims for easy rolling and steady, comfortable riding.

The 3-speed features Shimano coaster brakes and rear hubs, while the 10-speed offers Shimano front and rear derailleurs. Available sizes in 3-speed are: Men's 21", Ladies' 17, 19" and in 10-speed sizes are: Men's 21" Ladies' 19 and 22".



Tourist 3 (Ladies')



Tourist 3

## Children's Series



Boy's 16

The Boy's 16 and 20 bicycles have ball bearing cranks and headset. The frames are both made of sturdy steel for long lasting quality. Training wheels are standard on the boy's 16. Quality and value are the two words that best describe these two bikes.



Boy's 20



**BUTTERCUP 16**

The Panasonic Buttercups are at the top of their class. Both bike frames are made of sturdy steel and both feature full steel mudguards and whitewall tires. The Buttercup 16 comes with training wheels for the beginner rider.



**BUTTERCUP 20**

## Exercise Group

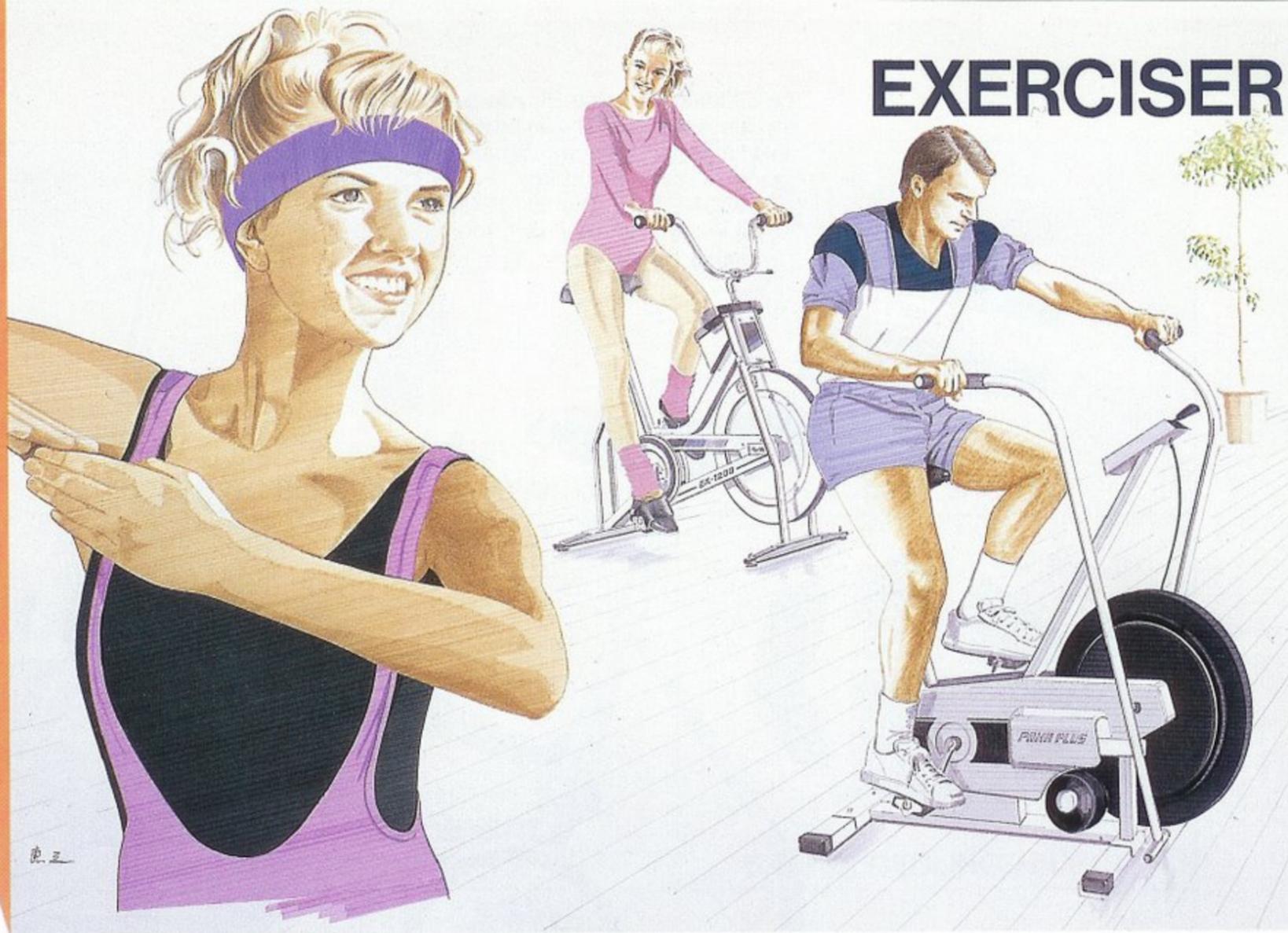
The Panasonic Exerciser group lets you discover the health and appearance benefits of cardiovascular exercise in your own home, on your own time. Panasonic Exercisers are designed for long hard workouts and all units have adjustable seat post and handlebars so that all members of the family can use them.

The new Pana Plus offers a total upper and lower body workout, with a convenient pulse meter for accurate aerobic measurements. This upper and lower body movement works in synch as you pedal the bike. An exclusive Panasonic magnetic tension device tailors the workout to your level. Without increasing the RPM's you can choose the right tension for your level of workout. Test out the Pana Plus at your local Panasonic dealer and see for yourself!



Pana Plus

# EXERCISER



The EX-1200 Exercise Bicycle is equipped with a digital multi meter. Speed, distance and time reading appear at the push of a button. A Dia-Compe tension system allows for easy adjustment of tension, even while riding. The rugged frame is built for years of use.



EX 1200

The EX2000 Exercise Bicycle is designed for the serious exerciser. The impressive list of features include speedometer, digital timer, Dia Compe tension system, sturdy Panasonic frame and ERGOMETER. The ERGOMETER provides useful information regarding the progress of your exercise program.



EX 2000

The EX-500 Exercise Bicycle is the ideal model when space is a concern. It's compact, and features a digital multi meter, chain drive and belt tension system.



EX 500

## Bicycle Accessories



RACING CAP



TEAM JERSEY  
(LONG SLEEVE ALSO AVAILABLE)



CYCLING SHORTS



T-SHIRT



LYCRA TIGHTS



WINTER CYCLING JACKET



MD-8SSB



MD-8BK



NL-508



WATER BOTTLE

## Panasonic Order System - Special Instruction

Both the Team America and Team Time Trial are special bikes for special people, for this reason Panasonic believes it should be made for you. The following are the steps to follow when ordering this bike.

1. Go to your nearest Panasonic Dealer do not call Panasonic directly.
2. Have the dealer fit you for your proper frame size.
3. Choose either a complete bike or a frame and fork set.
4. Choose frame color design of your choice. (3 choices for Team America or Team Time Trial)
5. If you so desire, Panasonic will personalize this bike with your name either on the top tube or the stem, up to twelve letters allowed.
6. Your order will be handled on a top priority basis and your bike will be delivered to the ordering dealer direct from our factory in Japan.
7. Allow 6 - 9 weeks for delivery from the date your order is placed with the dealer. Your dealer will notify you when the bike arrives at his store.
8. A non-refundable deposit may be required by the dealer at the time you place order.

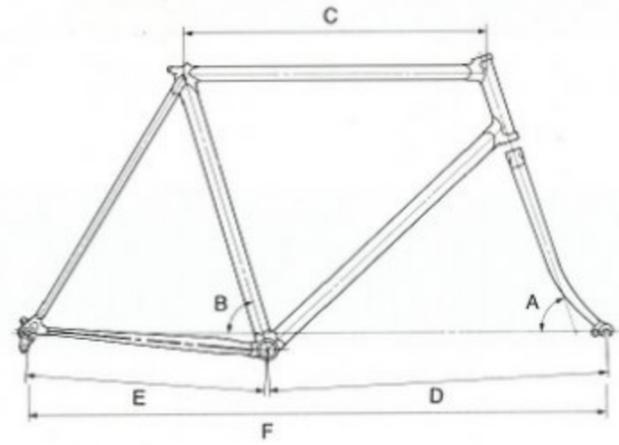
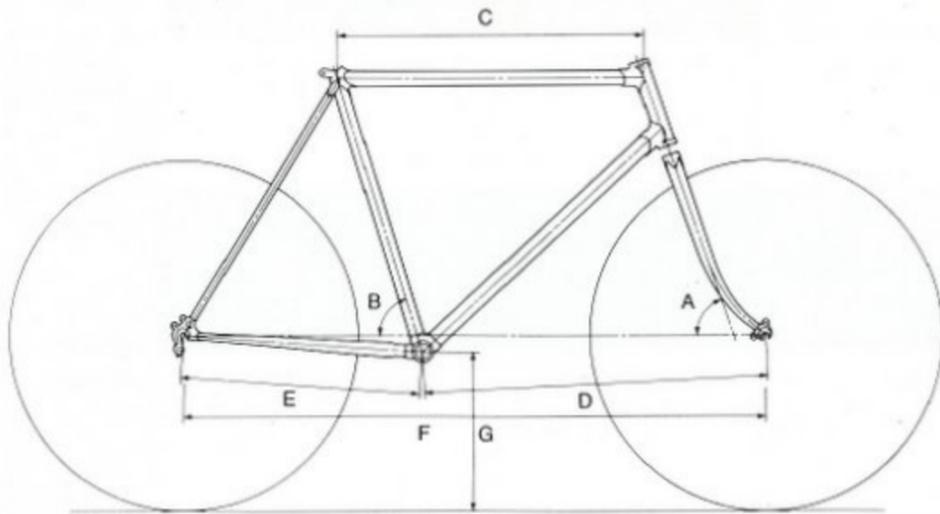
| MOUNTAIN CAT SERIES     |   |   |   |  |   |
|-------------------------|---|---|---|--|---|
| Model                   | Mountain Cat 7500   | Mountain Cat 6500   | Mountain Cat 5500   | Mountain Cat 4500  | Mountain Cat 3500   |
| <b>Model Number</b>     | MCS-116<br>MCS-118<br>MCS-120<br>MCS-122  | MCX-116<br>MCX-118<br>MCX-120<br>MCX-122  | MCV-116<br>MCV-118<br>MCV-120<br>MCV-122  | MCF-116<br>MCF-118<br>MCF-120<br>MCF-122<br>MCF-124  | MCT-116<br>MCT-118<br>MCT-120<br>MCT-122<br>MCT-124   |
| <b>Frame Size</b>       | MCS-116...16"<br>MCS-118...18"<br>MCS-120...20"<br>MCS-122...22"  | MCX-116...16"<br>MCX-118...18"<br>MCX-120...20"<br>MCX-122...22"  | MCV-116...16"<br>MCV-118...18"<br>MCV-120...20"<br>MCV-122...22"  | MCF-116...16"<br>MCF-118...18"<br>MCF-120...20"<br>MCF-122...22"<br>MCF-124...24"                    | MCT-116...16"<br>MCT-118...18"<br>MCT-120...20"<br>MCT-122...22"<br>MCT-124...24"   |
| <b>Frame</b>            | Tange Prestige Cr-Mo double butted tube, lostwax seal lug, forged ends and Tange JL-401S sealed B.B. set.               | Tange Cr-Mo double butted tube, lostwax seal lug, forged ends and Tange JL-401S sealed B.B. set                         | Tange Cr-Mo double butted tube, forged ends and Tange TK-25S sealed B.B. set  | Tange Cr-Mo double butted tube, forged ends and Tange TK-25S sealed B.B. set                         | Cr-Mo tube, forged ends and Shimano Exage Mountain sealed B.B. set  |
| <b>Fork</b>             | Tange Cr-Mo blades, forged ends and Shimano New Deore sealed head set   | Tange Cr-Mo blades, forged ends and Shimano New Deore sealed head set   | Tange Cr-Mo blades, forged ends and Tange CDS sealed head set   | Tange Cr-Mo blades, forged ends and Tange MA-60 head set   | Tange High-tensile 1020 tubes, forged ends  |
| <b>Handlebar</b>        | Kusuki BMTL-F600 alloy  | Alloy   | Alloy   | SR MTB-319   | SR MTB-319  |
| <b>Stem</b>             | Cr-Mo tubes with roller   | Cr-Mo tubes with roller   | Cr-Mo tubes with roller   | SR MTS-P300 with roller  | SR MTS-P300 with roller   |
| <b>Saddle</b>           | Selle Italia Mundialita with 320mm long micro adjusting alloy seat post   | Selle Italia Mundialita with 320mm long micro adjusting alloy seat post   | Black vinyl leatherette anatomic with 320mm long micro adjusting alloy seat post  | Black vinyl leatherette anatomic with 320mm long micro adjusting alloy seat post                     | Black vinyl leatherette anatomic with 320mm long micro adjusting alloy seat post  |
| <b>Crankset</b>         | Shimano New Deore XT Biopace 48/38/28T  | Shimano New Deore Biopace 48/38/28T   | Sugino XCD-6000 Cycloid 48/38/28T   | Shimano B124 Biopace 48/38/28T   | Shimano Exage Mountain Biopace 48/38/28T  |
| <b>Freewheel</b>        | Shimano New Deore XT 6-speed 14-32T, Cassette type  | Shimano New Deore 6-speed 14-32T, Cassette type   | SunTour $\alpha$ 6S 6-speed 14-32T  | Shimano CS-1000 6-speed 14-32T, Cassette type  | Shimano CS-1000 6-speed 14-28T, Cassette type   |
| <b>Chain</b>            | Shimano 600UG Silver, 1/2"×3/32"×114 links  | Shimano 600UG Silver, 1/2"×3/32"×114 links  | HKK Z Silver 1/2"×3/32"×114 links   | Shimano UG 1/2"×3/32"×114 links  | Shimano UG 1/2"×3/32"×114 links   |
| <b>Hubs</b>             | Shimano New Deore XT, Sealed mechanism with Q.R.  | Shimano New Deore, Sealed mechanism with Q.R.   | Sansin AE-20, Sealed mechanism with Q.R.  | Shimano Exage Mountain, Sealed mechanism with Q.R.   | Shimano Exage Mountain, Sealed mechanism with Q.R.  |
| <b>Rear Derailleur</b>  | Shimano New Deore XT S.I.S.   | Shimano New Deore S.I.S.  | SunTour XCD-6000 ACCUSHIFT  | Shimano New Deore S.I.S.   | Shimano Exage Mountain S.I.S.   |
| <b>Front Derailleur</b> | Shimano New Deore XT  | Shimano New Deore   | SunTour XCD-6000  | Shimano New Deore  | Shimano Exage Mountain S.I.S.   |
| <b>Shifting Lever</b>   | Shimano New Deore XT S.I.S.   | Shimano New Deore S.I.S.  | SunTour XCD-6000 ACCUSHIFT  | Shimano New Deore S.I.S.   | Shimano Exage Mountain S.I.S.   |
| <b>Brakes</b>           | Front...Shimano New Deore XT cantilever brake<br>Rear...Shimano New Deore XT U-brake<br>Lever...Shimano New Deore XT    | Front...Shimano New Deore cantilever brake<br>Rear...Shimano New Deore U-brake,<br>Lever...Shimano New Deore            | Front...Dia-Compe No. 983 cantilever brake<br>Rear...Dia-Compe AD990 brake Lever...SunTour XCD-6000 combination lever   | Front...Shimano AT-50 cantilever brake,<br>Rear...Shimano New Deore U-brake<br>Lever...Shimano AT-50 | Front...Shimano Exage Mountain cantilever brake,<br>Rear...Shimano Exage Mountain, U-brake,<br>Lever...Shimano Exage Mountain |
| <b>Rims</b>             | Araya RM-20, 26"×1.75", Black anodized  | Araya RM-20, 26"×1.75", Black anodized  | Araya RM-20, 26"×1.75", Alloy   | Araya 7X (N), 26"×1.5", Alloy  | Araya MP-22, 26"×1.5", Alloy  |
| <b>Tires</b>            | Panaracer IBEX-II 26"×2.00" Open side 40-80 PSI   | Panaracer IBEX-II 26"×2.00" Open side 40-80 PSI   | 26"×1.9" Open side 40 PSI   | 26"×1.9" Open side 40 PSI  | 26"×1.9" Open side 40 PSI   |
| <b>Spokes</b>           | Stainless 14G   | Stainless 14G   | Stainless 14G   | 14G U-C-P finished   | 14G U-C-P finished  |
| <b>Pedals</b>           | Shimano New Deore XT with reflectors  | Shimano New Deore with reflectors   | SR MTP-122 with reflectors  | MKS G-6000 with reflectors   | MKS G-6000 with reflectors  |
| <b>Accessories</b>      | Front, rear and side reflectors/ Handlebar grips/Plastic Spoke protector/Q.R. seat binder bolt set/Toe clips and straps | Front, rear and side reflectors/ Handlebar grips/Plastic spoke protector/Q.R. seat binder bolt set/Toe clips and straps | Front, rear and side reflectors/ Handlebar grips/Plastic spoke protector/Q.R. seat binder bolt set/Toe clips and straps | Front, rear and side reflectors/ Handlebar grips/Plastic spoke protector/Q.R. seat binder bolt set   | Front, rear and side reflectors/ Handlebar grips/Plastic spoke protector/Q.R. seat binder bolt set                            |
| <b>Color</b>            | Onyx Black  | Country Rose  | Dakota Blue   | Platinum Grey  | Glossy Red  |

| MOUNTAIN CAT SERIES  |   | TEAM SERIES   |   | DX SERIES   |  |   |   |   |                                |              |
|--|---|---|---|---|--|---|---|---|--------------------------------|--------------|
| Mountain Cat 2500  | Mountain Cat 1500   | Team America  | Team Time Trial   | DX-5000   | DX-4000  | Model   |   |   |                                |              |
| MCW-118<br>MCW-120<br>MCW-122<br>MCW-124   | MCWL-118<br>MCWL-121<br>MCWS-116  | MCN-118<br>MCN-120<br>MCN-122<br>MCN-124  | MCNL-118  | TA-148<br>TA-151<br>TA-153<br>TA-154<br>TA-155  | TA-156<br>TA-157<br>TA-158<br>TA-161<br>TA-164   | TT-156<br>TT-158<br>TT-161                      | DF-151<br>DF-153<br>DF-156<br>DF-158<br>DF-161                                    | DR-147<br>DR-151<br>DR-153<br>DR-156<br>DR-158                                    | DR-161<br>DR-164               | Model Number |
| MCW-118...18"<br>MCW-120...20"<br>MCW-122...22"<br>MCW-124...24"   | MCWL-118...18"<br>MCWL-121...21"<br>MCWS-116...16"<br>(24" WHEEL)       | MCN-118...18"<br>MCN-120...20"<br>MCN-122...22"<br>MCN-124...24"  | MCNL-118...18"  | TA-148...48cm<br>TA-151...51cm<br>TA-153...53cm<br>TA-154...54cm<br>TA-155...55cm                                   | TA-156...56cm<br>TA-157...57cm<br>TA-158...58cm<br>TA-161...61cm<br>TA-164...64cm                                    | TT-156...56cm<br>TT-158...58cm<br>TT-161...61cm | DF-151...51cm<br>DF-153...53cm<br>DF-156...56cm<br>DF-158...58cm<br>DF-161...61cm | DR-147...47cm<br>DR-151...51cm<br>DR-153...53cm<br>DR-156...56cm<br>DR-158...58cm | DR-161...61cm<br>DR-164...64cm | Frame Size   |
| Cr-Mo tube   | High-tensile 1020 tube  | Tange Prestige Cr-Mo double butted tube, lostwax head & seat lugs, Internaled brake cable & shifting cables, forged ends and Shimano Dura-Ace sealed B.B. set | Tange Champion No.1 Cr-Mo double butted tube, Internaled brake cable, forged ends and Shimano 600 Ultegra sealed B.B. set | Tange Prestige Cr-Mo double butted tube, lostwax seat lug, forged ends and sealed B.B. set                          | Tange Champion No.1 Cr-Mo double butted tube, lostwax seat lug, forged ends and sealed B.B. set                      | Frame   |   |   |                                |              |
| High-tensile 1020 tubes  | High-tensile 1020 tubes   | Tange Prestige blades, C-10 lostwax crown, forged ends and Shimano Dura-Ace sealed head set   | Tange Cr-Mo unicrown, forged ends and Shimano 600 Ultegra sealed head set   | Tange Cr-Mo blades, C-2 crown, forged ends and Shimano 600 Ultegra sealed head set                                  | Tange Cr-Mo unicrown, forged ends and sealed head set  | Fork  |   |   |                                |              |
| Steel  | Steel   | Nitto No. 165 Maes alloy  | Nitto RB-009AA-H Bullhorn   | SR CTB, Maes alloy  | SR CTB, Maes alloy   | Handlebar                                       |   |   |                                |              |
| Kusuki RK-3 Alloy  | Kusuki S-WIN-60 Alloy   | Nitto Pearl, Forged alloy   | Nitto Aero, Alloy   | SR CT, Alloy  | SR CT, Alloy   | Stem  |   |   |                                |              |
| Black vinyl leatherette anatomic, with steel seat post   | Black vinyl leatherette anatomic, with steel seat post                  | Selle Italia Turbo with Shimano Dura-Ace seat post  | Selle Italia Turbo with SR CRE-100 seat post  | Selle Italia Mundialita with Sugino SP-KCL 230mm long micro adjusting seat post                                     | Selle Italia Mundialita with Sugino SP-KCL 230mm long micro adjusting seat post                                      | Saddle  |   |   |                                |              |
| Shimano Exage Trail Biopace 48/38/28T  | SR CTC-T532 48/38/28T alloy crank arms                                  | Shimano Dura-Ace 53/42T   | Shimano 600 Ultegra Biopace 53/42T  | Shimano 600 Ultegra Biopace 53/42T  | Shimano New 105 Biopace 52/42T   | Crankset  |   |   |                                |              |
| Shimano CS-1000 6-speed 14-28T. Cassette type  | Shimano Z012 6-speed 14-28T   | Shimano Dura-Ace 7-speed 12-21T, Cassette type  | Shimano 600 Ultegra 7-speed 12-21T, Cassette type   | Shimano 600 Ultegra 7-speed 12-21T, Cassette type   | Shimano Z012 Silver 6-speed 13-22T   | Freewheel                                       |   |   |                                |              |
| Shimano UG 1/2"×3/32"×112 links  | Shimano UG 1/2"×3/32"×112 links   | Shimano Dura-Ace Silver 1/2"×3/32"×108 links Narrow type  | Shimano 600UG Silver, 1/2"×3/32"×108 links, Narrow type   | Shimano 600UG Silver, 1/2"×3/32"×108 links, Narrow type   | Shimano 600UG Silver, 1/2"×3/32"×108 links   | Chain   |   |   |                                |              |
| Front...Shimano forged alloy with Q.R.<br>Rear...Shimano forged alloy  | Front...Steel small flange with Q.R.<br>Rear...Steel small flange       | Shimano Dura-Ace, Freehub sealed mechanism 32H  | Shimano 600 Ultegra, Freehub sealed mechanism 32H   | Shimano 600 Ultegra, Freehub sealed mechanism 32H   | Shimano New 105, Forged alloy small flange with Q.R., Sealed mechanism 32H   | Hubs  |   |   |                                |              |
| Shimano Exage Trail S.I.S.   | Shimano L54IGS S.I.S.   | Shimano Dura-Ace S.I.S.   | Shimano 600 Ultegra S.I.S.  | Shimano 600 Ultegra S.I.S.  | Shimano New 105 S.I.S.   | Rear Derailleur                                 |   |   |                                |              |
| Shimano Exage Trail  | Shimano AX55  | Shimano Dura-Ace  | Shimano 600 Ultegra   | Shimano 600 Ultegra   | Shimano New 105  | Front Derailleur                                |   |   |                                |              |
| Shimano Exage Trail S.I.S.   | Shimano MS41 S.I.S.   | Shimano Dura-Ace 7-speed S.I.S. Brazed on down tube mounted   | Shimano 600 Ultegra 7-speed S.I.S. & Light action, Brazed on down tube mounted  | Shimano 600 Ultegra 7-speed S.I.S. & Light action, Brazed on down tube mounted                                      | Shimano New 105 S.I.S. & Light action, Brazed on down tube mounted   | Shifting Lever                                  |   |   |                                |              |
| Shimano Exage Trail cantilever brakes  | Cantilever brakes   | Shimano Dura-Ace, Alloy side-pull with Dura-Ace aero levers   | Shimano 600 Ultegra, Alloy side-pull with 600 Ultegra S.L.R. aero levers  | Shimano 600 Ultegra, Alloy side-pull with 600 Ultegra S.L.R. aero levers  | Shimano New 105, Alloy side-pull with New 105 S.L.R. aero levers   | Brakes  |   |   |                                |              |
| Araya MP-22, Alloy, 26"×1.5"<br>24"×1.5"(MCWS-116)   | Araya MP-22, 26"×1.5", Alloy  | Araya Aero tubular ADX-4, 32H Super hard anodized   | Araya Aero tubular ADX-4, 32H Super hard anodized   | Ukai 20A, 700C, 32H, Alloy, Super hard anodized   | Araya SS-45, 700C, 32H, Alloy, Dark grey anodized  | Rims  |   |   |                                |              |
| 26"×1.9" Open side<br>40 PSI/24"×1.5" Open side 50 PSI (MCWS-116)  | 26"×1.9" Open side 40 PSI   | Panaracer tubular Tourguard 240g (bold tire)  | Panaracer tubular CX-α250   | Panaracer Tecnova 700×25C Super Extra 115PSI  | Panaracer Tecnova 700×25C Super Extra 115PSI   | Tires   |   |   |                                |              |
| 14G U-C-P finished   | 14G U-C-P finished  | Stainless 15G   | Stainless 15G   | Stainless 14G   | Stainless 14G  | Spokes  |   |   |                                |              |
| SR SP-518FB with reflectors  | SR SP-518FB with reflectors   | Shimano Dura-Ace PD-7401 (Look type)  | Shimano 600 Ultegra with reflectors   | Shimano 600 Ultegra with reflectors   | Shimano New 105 with reflectors  | Pedals  |   |   |                                |              |
| Front, rear and side reflectors/Handlebar grips/ Plastic spoke protector/ Q.R. seat binder bolt set (Men's only) | Front rear and side reflectors/Handlebar grips/ Plastic spoke protector | Cushion handlebar tape/ Front, rear and side reflectors   | Shiny vinyl handlebar tape/ Toe clips and straps/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 | Front, rear and side reflectors/Cushion handlebar tape/Toe clips and straps/Plastic spoke protector/Allen key wrench | Accessories                                     |   |   |                                |              |
| Misty White  | Indigo Blue   | Custom Colors   | Custom Colors   | Onyx Black  | Satin White  | Color   |   |   |                                |              |

| DX SERIES               |   |   |   |  | TOURING SERIES   | SPORT SERIES  |  |
|-------------------------|---|---|---|--|--|---|--|
| Model                   | DX-3000   | DX-2000   | DX-2400   | DX-1000  | PT-3500  | Sport DX  |  |
| <b>Model Number</b>     | DS-143<br>DS-147<br>DS-151<br>DS-153<br>DS-156  | DS-158<br>DS-161<br>DS-164  | DX-147<br>DX-151<br>DX-156<br>DX-161<br>DX-166  | DX-171<br>DXS-142  | DN-145<br>DN-148<br>DN-153<br>DN-158<br>DN-164   | PT-119<br>PT-121<br>PT-123<br>PT-125                                    | SD-119<br>SD-121<br>SD-123<br>SD-125                         |
| <b>Frame Size</b>       | DS-143...43cm<br>DS-147...47cm<br>DS-151...51cm<br>DS-153...53cm<br>DS-156...56cm                   | DS-158...58cm<br>DS-161...61cm<br>DS-164...64cm   | DX-147...47cm<br>DX-151...51cm<br>DX-156...56cm<br>DX-161...61cm<br>DX-166...66cm                   | DX-171...71cm<br>DXS-142...42cm  | DN-145...45cm<br>DN-148...48cm<br>DN-153...53cm<br>DN-158...58cm<br>DN-164...64cm                        | PT-119...19"<br>PT-121...21"<br>PT-123...23"<br>PT-125...25"            | SD-119...19"<br>SD-121...21"<br>SD-123...23"<br>SD-125...25" |
| <b>Frame</b>            | Tange Champion No. 2 Cr-Mo double butted tube, forged ends and sealed B.B. set                      | Tange 900 Cr-Mo double butted tube, forged ends and sealed B.B. set                                 | Tange 900 Cr-Mo double butted tube, forged ends and sealed B.B. set                                 | Tange 900 Cr-Mo double butted tube   | Tange 1000 Cr-Mo double butted tube and forged ends  | Cr-Mo main tube   |  |
| <b>Fork</b>             | Tange Mangalay, AC-2 crown, forged ends and sealed head set   | Tange Mangalay and forged ends  | Tange Mangalay and forged ends  | High-tensile 1020 tubes  | Tange Mangalay, CCL crown and forged ends  | High-tensile 1020 tubes   |  |
| <b>Handlebar</b>        | SR CTB, Maes alloy  | SR CTB, Maes alloy  | SR CTB-370, Maes alloy  | Kusuki Maes, alloy ferrule   | Kusuki WPR-B, Randonneur alloy   | Kusuki Maes, alloy ferrule  |  |
| <b>Stem</b>             | SR CT, Alloy  | SR CT, Alloy  | SR CTS-40, Alloy  | Alloy stem with allen key head bolt  | Kusuki WIN 2' alloy  | Alloy stem with allen key head bolt                                     |  |
| <b>Saddle</b>           | Selle Italia anatomic with alloy 220mm long micro adjusting seat post                               | Black vinyl leatherette with alloy 220mm long micro adjusting seat post                             | Black vinyl leatherette anatomic with alloy 220mm long micro adjusting seat post                    | Black vinyl leatherette anatomic with alloy seat post                          | Black vinyl leatherette anatomic with alloy 220mm long micro adjusting seat post                         | Black vinyl leatherette   |  |
| <b>Crankset</b>         | Shimano New 105 Biopace 52/42T  | Shimano Exage Trail Biopace 48/38/28T   | Shimano A350 Biopace 52/42T   | Shimano A350 Biopace 52/42T  | Shimano B124 Biopace 50/44/28T   | SR SAC-310 52/40T Alloy crank arms                                      |  |
| <b>Freewheel</b>        | Shimano Z012 6-speed 14-24T   | Shimano Z012 6-speed 13-28T   | Shimano Z012 6-speed 14-28T   | Shimano Z012 6-speed 14-28T  | Shimano Z012 6-speed 14-28T  | Shimano Z012 6-speed 14-28T   |  |
| <b>Chain</b>            | Shimano UG 1/2"×3/32"×110 links   | Shimano UG 1/2"×3/32"   | Shimano UG 1/2"×3/32"×110 links   | Shimano UG 1/2"×3/32"×110 links  | Shimano UG 1/2"×3/32"×112 links  | Shimano UG 1/2"×3/32"×114 links   |  |
| <b>Hubs</b>             | Shimano Exage Sports, Forged alloy small flange with Q.R., Sealed mechanism                         | Shimano Exage Sport, Forged alloy small flange with Q.R., Sealed mechanism                          | Shimano Exage Sport, Forged alloy small flange with Q.R., Sealed mechanism                          | Shimano alloy small flange with Q.R.   | Shimano Exage Sport, Forged alloy small flange with Q.R., Sealed mechanism                               | Shimano alloy small flange with Q.R.                                    |  |
| <b>Rear Derailleur</b>  | Shimano New 105 S.I.S.  | Shimano Exage Trail S.I.S.  | Shimano A350 S.I.S.   | Shimano A350 S.I.S.  | Shimano New Deore S.I.S.   | Shimano L541 S.I.S.   |  |
| <b>Front Derailleur</b> | Shimano New 105   | Shimano Exage Trail   | Shimano A350 S.I.S.   | Shimano A350 S.I.S.  | Shimano New Deore  | Shimano AX50  |  |
| <b>Shifting Lever</b>   | Shimano New 105 S.I.S. & Light action, Brazed on down tube mounted                                  | Shimano A450T S.I.S. Brazed on down tube mounted  | Shimano A350 S.I.S. & Light action, Brazed on down tube mounted                                     | Shimano A350 S.I.S.  | Shimano S434 S.I.S. & Light action, Brazed on down tube mounted  | Shimano S441 S.I.S.   |  |
| <b>Brakes</b>           | Shimano New 105, Alloy side-pull with New 105 S.L.R. aero levers                                    | Shimano Exage Sport, Alloy side-pull with Exage Sport S.L.R. aero levers                            | Shimano L490, Alloy side-pull with L332 S.L.R. short size aero levers                               | Dia-Compe QS500N, Alloy side-pull with Q.R. tire guide and AC260 aero levers   | Shimano AT-50 cantilever brakes with gum hooded drilled levers   | Alloy N630A side-pull with hooded, QR and extension levers              |  |
| <b>Rims</b>             | Araya SS-45, 700C, Alloy, Dark grey anodized  | Araya SP-30, 700C, Alloy  | Araya 20A, Front...24"×1 1/8", Rear...700C  | Araya SP-30 700C, Alloy  | Araya SP-20, 27"×1 1/4", Alloy   | Araya SP-20, 27"×1 1/4", Alloy  |  |
| <b>Tires</b>            | 700×25C Open side 100PSI  | 700×25C Open side 100PSI  | Panaracer Tecnova Super Extra 115PSI, Front...24"×1", Rear...700×25C                                | 700×25C, Open side 100PSI  | 27"×1 1/4" Open side 90PSI   | 27"×1 1/8", Gumwall, 90PSI  |  |
| <b>Spokes</b>           | 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  |  |
| <b>Pedals</b>           | MKS AR-8 with reflectors  | Black aero type with reflectors   | Black aero type with reflectors   | Rat-trap with reflectors   | Alloy quill with reflectors  | Rat-trap with reflectors  |  |
| <b>Accessories</b>      | Front, rear and side 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/Toe clips and straps/Plastic spoke protector | Front, rear and side reflectors/Cushion handlebar tape/Plastic spoke protector | Front rear and side reflectors/ Comfort grips/Toe clips and straps/Plastic spoke protector/ Rear carrier | Front, rear and side reflectors/Comfort, grips/ plastic spoke protector |  |
| <b>Color</b>            | Metallic Graphite   | Platinum Grey   | Dakota Blue   | Glossy Red   | Metallic Graphite  | Team Silver Indigo Blue   |  |

| SPORT SERIES  |   | CRUISER SERIES  |   |  |   | COMMUTER SERIES                               |              |  |
|---|---|---|---|--|---|---|--------------|--|
| Sport   | Sport 500   | Cruiser 5   | Cruiser 1   | Tourist-10   | Tourist-3   | Model   |              |  |
| PS-121<br>PS-123<br>PS-125<br>PS-127                                      | PSL-119<br>PSL-122  | SF-117<br>SF-119<br>SF-121<br>SF-123<br>SF-125  | CR-150<br>CR-152  | CR-110<br>CR-112   | T-111<br>TL-119<br>TL-112   | T-131<br>TL-137<br>TL-139                     | Model Number |  |
| PS-121...21"<br>PS-123...23"<br>PS-125...25"<br>PS-127...27"              | PSL-119...19"<br>PSL-122...22"  | SF-117...17.5"<br>SF-119...19"<br>SF-121...21"<br>SF-123...23"<br>SF-125...25"                    | CR-150...20"<br>CR-152...22"  | CR-110...20"<br>CR-112...22"   | T-111...21"<br>TL-119...19"<br>TL-112...22"   | T-131...21"<br>TL-137...17.5"<br>TL-139...19" | Frame Size   |  |
| Cr-Mo main tube   | High-tensile tube   | High-tensile tube   | High-tensile tube   | High-tensile 1020 tube   | High-tensile 1020 tube  | Frame   |              |  |
| High-tensile tubes  | High-tensile tubes  | Steel   | Steel   | High-tensile 1020 tubes  | High-tensile 1020 tubes   | Fork  |              |  |
| Maes  | Meas  | Cruiser type  | Cruiser type  | North Road   | North Road  | Handlebar                                     |              |  |
| Alloy stem with allen key head bolt                                       | Alloy stem with allen key head bolt   | Alloy 8" long   | Alloy 8" long   | Alloy  | Alloy   | Stem  |              |  |
| Black vinyl leatherette   | Black vinyl leatherette   | Black vinyl leatherette/<br>Cruiser saddle with 12"<br>long seat post                             | Black vinyl leatherette/<br>Cruiser saddle with 12"<br>long seat post | Black vinyl leatherette/<br>mattress   | Black vinyl leatherette/<br>mattress  | Saddle  |              |  |
| SR, CTC-504 52/42T alloy crank arms                                       | SR CTC-532 52/42T alloy crank arms  | 46T with alloy crank arms   | 46T with alloy cranks arms  | SR, CTC-5SG 52/40T alloy crank arms  | 48T steel   | Crankset                                      |              |  |
| Shimano Z012 6-speed 14-28T   | Shimano Z012 5-speed 14-28T   | Shimano 5-speed 14-32T  | —   | Shimano Z012 5-speed 14-28T  | —   | Freewheel                                     |              |  |
| 1/2"×3/32"×114 links  | 1/2"×3/32"×114 links  | 1/2"×3/32"  | 1/2"×1/8"   | 1/2"×3/32"×114 links   | 1/2"×1/8"×104 links   | Chain   |              |  |
| Front...Steel small flange with Q.R.<br>Rear...Steel small flange         | Steel small flange  | Front...Alloy small flange<br>Rear...Steel small flange   | Sun Tour coaster brake hub with 18T sprocket                          | Steel small flange   | Front...Steel small flange<br>Rear...3 speed coaster brake hub with 19T sprocket                            | Hubs  |              |  |
| Shimano Tourney   | Shimano Tourney   | Shimano Tourney GS  | —   | Shimano Skylark  | —   | Rear Derailleur                               |              |  |
| Shimano AX50  | Shimano AX50  | —   | —   | Shimano AX50   | —   | Front Derailleur                              |              |  |
| Shimano QS10  | Shimano QS10  | Shimano MT30  | —   | Shimano MT36 Thumb Shifter   | Shimano Trigger lever   | Shifting Lever                                |              |  |
| 630 alloy, side-pull with hooded and extension levers                     | 630 alloy, side-pull with hooded and extension levers                                     | Alloy side-pull   | —   | 730 alloy, side-pull   | 730 alloy, side-pull (Front only)   | Brakes  |              |  |
| Araya SP-20 27"×1 1/4", Alloy   | 27"×1 1/4"  | Araya MP-22 26"×1.5", Alloy   | Araya MP-22 26"×1.5", Alloy   | 27"×1 1/4"   | 27"×1 1/4"  | Rims  |              |  |
| 27"×1 1/4" Gumwall  | 27"×1 1/4" Gumwall  | 26"×2.0" Gumwall  | 26"×2.0" Gumwall  | 27"×1 3/8" Gumwall   | 27"×1 3/8" Gumwall  | Tires   |              |  |
| 14G U-C-P finished  | 14G U-C-P finished  | Stainless 14G   | Stainless 14G   | 14G U-C-P finished   | 14G U-C-P finished  | Spokes  |              |  |
| Rat-trap with reflectors  | Rat-trap with reflectors  | Rubber pedals with reflectors   | Rubber pedals with reflectors   | Plastic with reflectors  | Plastic with reflectors   | Pedals  |              |  |
| Front, rear and side reflectors/Comfort grips/<br>Plastic spoke protector | Front, rear and side reflectors/Comfort grips/<br>Plastic spoke protector/<br>Chain guard | Front, rear and side reflectors<br>Handlebar grips/Spoke protector/Chain case                     | Front, rear and side reflectors/<br>Hand lebar grips/Chain case       | Front, rear and side reflectors/<br>Spoke protector/Mudguard/<br>Alloy kickstand/Handlebar grips | Front, rear and side reflectors/<br>Spoke protector/Mudguard/<br>Alloy kickstand/Handlebar grips/Chain case | Accessories                                   |              |  |
| Midnight Black...Men's only<br>Satin White...Ladies' only                 | Imperial Red...Men's only<br>Metallic Graphite...Men's only<br>Salmon Pink...Ladies' only | Turquoise Blue...Men's & Ladies'<br>Midnight Black...Men's only<br>Lavender Purple...Ladies' only | Imperial Red<br>Satin White   | Vintage Wine   | Positively Pewter   | Color   |              |  |

# Frame Geometry



| MOUNTAIN<br>CAT 7500 | Frame Size | A      | B      | C      | D      | E      | F       | G      |
|----------------------|------------|--------|--------|--------|--------|--------|---------|--------|
|                      | 16"        | 69°30' | 72°30' | 545 mm | 633 mm | 430 mm | 1062 mm | 310 mm |
|                      | 18"        | 70°    | 73°    | 565    | 642    | 430    | 1071    | 305    |
|                      | 20"        | 71°    | 74°    | 585    | 656    | 430    | 1083    | 295    |
|                      | 22"        | 71°    | 74°    | 605    | 678    | 430    | 1106    | 295    |

| MOUNTAIN<br>CAT 6500 | Frame Size | A      | B      | C      | D      | E      | F       | G      |
|----------------------|------------|--------|--------|--------|--------|--------|---------|--------|
|                      | 16"        | 69°30' | 72°30' | 545 mm | 633 mm | 430 mm | 1062 mm | 310 mm |
|                      | 18"        | 70°    | 73°    | 565    | 642    | 430    | 1071    | 305    |
|                      | 20"        | 71°    | 74°    | 585    | 656    | 430    | 1083    | 295    |
|                      | 22"        | 71°    | 74°    | 605    | 678    | 430    | 1106    | 295    |

| MOUNTAIN<br>CAT 5500 | Frame Size | A   | B   | C      | D      | E      | F       | G      |
|----------------------|------------|-----|-----|--------|--------|--------|---------|--------|
|                      | 16"        | 70° | 72° | 520 mm | 604 mm | 450 mm | 1054 mm | 307 mm |
|                      | 18"        | 70° | 72° | 540    | 614    | 450    | 1063    | 307    |
|                      | 20"        | 71° | 73° | 560    | 628    | 450    | 1077    | 297    |
|                      | 22"        | 71° | 73° | 580    | 650    | 450    | 1099    | 297    |

| MOUNTAIN<br>CAT 4500 | Frame Size | A   | B   | C      | D      | E      | F       | G      |
|----------------------|------------|-----|-----|--------|--------|--------|---------|--------|
|                      | 16"        | 70° | 72° | 520 mm | 604 mm | 450 mm | 1054 mm | 307 mm |
|                      | 18"        | 70° | 72° | 540    | 614    | 450    | 1063    | 307    |
|                      | 20"        | 71° | 73° | 560    | 628    | 450    | 1077    | 297    |
|                      | 22"        | 71° | 73° | 580    | 650    | 450    | 1099    | 297    |

| MOUNTAIN<br>CAT 3500 | Frame Size | A   | B   | C      | D      | E      | F       | G      |
|----------------------|------------|-----|-----|--------|--------|--------|---------|--------|
|                      | 16"        | 70° | 72° | 520 mm | 604 mm | 450 mm | 1054 mm | 307 mm |
|                      | 18"        | 70° | 72° | 540    | 614    | 450    | 1064    | 307    |
|                      | 20"        | 71° | 73° | 560    | 629    | 450    | 1077    | 297    |
|                      | 22"        | 71° | 73° | 580    | 651    | 450    | 1099    | 297    |

| MOUNTAIN<br>CAT 2500 | Frame Size    | A   | B   | C      | D      | E      | F       | G      |
|----------------------|---------------|-----|-----|--------|--------|--------|---------|--------|
|                      | 18"           | 70° | 72° | 540 mm | 614 mm | 450 mm | 1063 mm | 307 mm |
|                      | 20"           | 70° | 72° | 560    | 629    | 450    | 1076    | 297    |
|                      | 22"           | 70° | 72° | 580    | 649    | 450    | 1098    | 297    |
|                      | 24"           | 70° | 72° | 600    | 671    | 450    | 1119    | 297    |
|                      | 18" (Ladies') | 69° | 72° | 528    | 624    | 450    | 1073    | 307    |
|                      | 21" (Ladies') | 69° | 72° | 528    | 624    | 450    | 1073    | 307    |

| MOUNTAIN<br>CAT 1500 | Frame Size | A   | B   | C      | D      | E      | F       | G      |
|----------------------|------------|-----|-----|--------|--------|--------|---------|--------|
|                      | 18"        | 70° | 72° | 540 mm | 614 mm | 450 mm | 1063 mm | 307 mm |
|                      | 20"        | 70° | 72° | 560    | 628    | 450    | 1077    | 297    |
|                      | 22"        | 70° | 72° | 580    | 649    | 450    | 1098    | 297    |
|                      | 24"        | 70° | 72° | 600    | 671    | 450    | 1119    | 297    |

| MOUNTAIN<br>CAT 1500 | Frame Size | A   | B   | C   | D   | E    | F   | G |
|----------------------|------------|-----|-----|-----|-----|------|-----|---|
| 18" (Ladies')        | 69°        | 72° | 528 | 624 | 450 | 1073 | 307 |   |

| TEAM AMERICA | Frame Size | A      | B   | C      | D      | E      | F      | H/BAR Width | Stem Length | Crank Length |
|--------------|------------|--------|-----|--------|--------|--------|--------|-------------|-------------|--------------|
|              | 48 cm      | 71°30' | 74° | 520 mm | 585 mm | 410 mm | 990 mm | 390 mm      | 80 mm       | 165 mm       |
|              | 51 cm      | 71°30' | 74° | 530    | 590    | 410    | 990    | 410         | 100         | 170          |
|              | 53 cm      | 72°    | 74° | 540    | 590    | 410    | 990    | 410         | 100         | 170          |
|              | 54 cm      | 72°    | 74° | 540    | 590    | 410    | 990    | 410         | 100         | 170          |
|              | 55 cm      | 72°30' | 74° | 550    | 595    | 410    | 995    | 410         | 100         | 170          |
|              | 56 cm      | 72°30' | 74° | 550    | 595    | 410    | 995    | 410         | 100         | 170          |
|              | 57 cm      | 72°30' | 74° | 550    | 595    | 410    | 995    | 410         | 100         | 170          |
|              | 58 cm      | 73°30' | 74° | 560    | 595    | 410    | 995    | 410         | 100         | 170          |
|              | 61 cm      | 73°30' | 74° | 570    | 605    | 410    | 1005   | 420         | 120         | 172.5        |

| TEAM<br>TIME TRIAL | Frame Size | A      | B   | C | D      | E      | F      | H/BAR Width | Stem Length | Crank Length |
|--------------------|------------|--------|-----|---|--------|--------|--------|-------------|-------------|--------------|
|                    | 56 cm      | 73°30' | 74° | — | 590 mm | 410 mm | 995 mm | 400 mm      | 70 mm       | 170 mm       |
|                    | 58 cm      | 73°30' | 74° | — | 590    | 410    | 995    | 400         | 80          | 170          |

| DX-5000 | Frame Size | A      | B   | C      | D      | E      | F      | H/BAR Width | Stem Length | Crank Length |
|---------|------------|--------|-----|--------|--------|--------|--------|-------------|-------------|--------------|
|         | 51 cm      | 71°30' | 74° | 530 mm | 585 mm | 410 mm | 985 mm | 410 mm      | 100 mm      | 170 mm       |
|         | 53 cm      | 72°    | 74° | 540    | 590    | 410    | 990    | 410         | 100         | 170          |
|         | 56 cm      | 73°    | 74° | 550    | 590    | 410    | 990    | 410         | 100         | 170          |
|         | 58 cm      | 73°30' | 74° | 560    | 595    | 410    | 995    | 410         | 100         | 170          |

| DX-4000 | Frame Size | A      | B   | C      | D      | E      | F      | H/BAR Width | Stem Length | Crank Length |
|---------|------------|--------|-----|--------|--------|--------|--------|-------------|-------------|--------------|
|         | 47 cm      | 71°30' | 74° | 520 mm | 585 mm | 410 mm | 990 mm | 390 mm      | 80 mm       | 165 mm       |
|         | 51 cm      | 71°30' | 74° | 530    | 590    | 410    | 990    | 410         | 100         | 170          |
|         | 53 cm      | 72°    | 74° | 540    | 590    | 410    | 990    | 410         | 100         | 170          |
|         | 56 cm      | 72°30' | 74° | 550    | 595    | 410    | 995    | 410         | 100         | 170          |
|         | 58 cm      | 73°30' | 74° | 560    | 595    | 410    | 995    | 410         | 100         | 170          |
|         | 61 cm      | 73°30' | 74° | 570    | 605    | 410    | 1005   | 410         | 100         | 170          |

| DX-3000 | Frame Size | A      | B      | C      | D      | E      | F       | H/BAR Width | Stem Length | Crank Length |
|---------|------------|--------|--------|--------|--------|--------|---------|-------------|-------------|--------------|
|         | 43 cm      | 71°30' | 74°30' | 510 mm | 585 mm | 420 mm | 1000 mm | 390 mm      | 80 mm       | 165 mm       |
|         | 47 cm      | 71°30' | 74°    | 520    | 585    | 420    | 1000    | 390         | 80          | 165          |
|         | 51 cm      | 71°30' | 74°    | 530    | 585    | 420    | 1000    | 410         | 100         | 170          |
|         | 53 cm      | 72°    | 74°    | 540    | 595    | 420    | 1005    | 410         | 100         | 170          |
|         | 56 cm      | 73°    | 74°    | 550    | 595    | 420    | 1005    | 410         | 100         | 170          |
|         | 58 cm      | 73°30' | 74°    | 560    | 600    | 420    | 1010    | 410         | 100         | 170          |

| DX-2000 | Frame Size | A      | B   | C      | D      | E      | F       | H/BAR Width | Stem Length | Crank Length |
|---------|------------|--------|-----|--------|--------|--------|---------|-------------|-------------|--------------|
|         | 47 cm      | 71°30' | 74° | 520 mm | 580 mm | 420 mm | 1000 mm | 390 mm      | 80 mm       | 170 mm       |
|         | 51 cm      | 71°30' | 74° | 530    | 585    | 420    | 1000    | 410         | 100         | 170          |
|         | 56 cm      | 73°    | 74° | 550    | 595    | 420    | 1005    | 410         | 100         | 170          |
|         | 61 cm      | 73°30' | 74° | 570    | 610    | 420    | 1020    | 410         | 100         | 170          |
|         | 66 cm      | 74°    | 74° | 590    | 625    | 420    | 1035    | 430         | 120         | 175          |

| DX-1000 | Frame Size | A      | B   | C      | D      | E      | F       | H/BAR Width | Stem Length | Crank Length |
|---------|------------|--------|-----|--------|--------|--------|---------|-------------|-------------|--------------|
|         | 45 cm      | 71°30' | 74° | 526 mm | 600 mm | 425 mm | 1020 mm | 390 mm      | 60 mm       | 165 mm       |
|         | 48 cm      | 72°    | 73° | 546    | 605    | 425    | 1020    | 390         | 60          | 165          |
|         | 53 cm      | 73°    | 73° | 570    | 605    | 425    | 1020    | 390         | 80          | 170          |
|         | 58 cm      | 73°    | 73° | 570    | 605    | 425    | 1020    | 390         | 80          | 170          |

| DX-1000 | Frame Size | A   | B   | C   | D   | E    | F   | H/BAR Width | Stem Length | Crank Length |
|---------|------------|-----|-----|-----|-----|------|-----|-------------|-------------|--------------|
| 64 cm   | 73°        | 73° | 570 | 605 | 425 | 1020 | 420 | 100         | 170         |              |

# LIMITED WARRANTY

## Panasonic BICYCLE/EXERCISER

Panasonic Industrial 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.

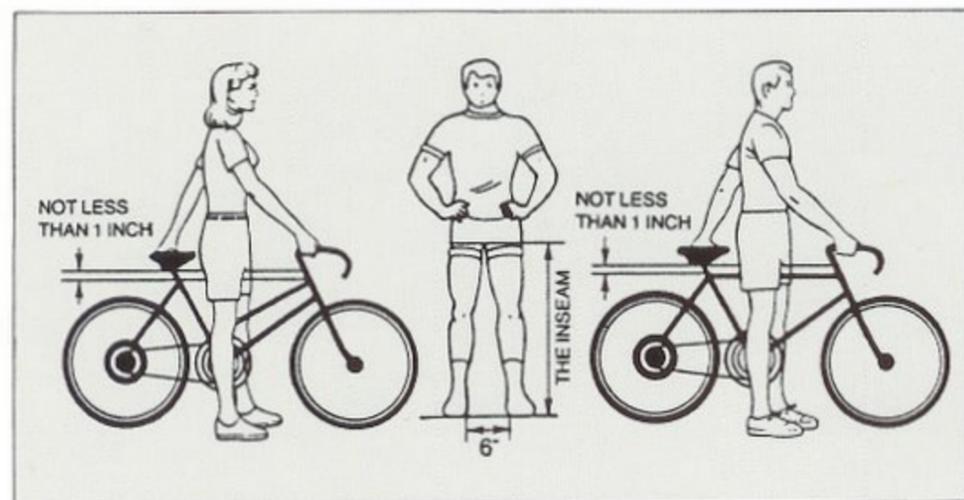
A purchase receipt or other proof of date of original consumer purchase will be required before warranty performance is rendered.

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.

## 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                  |                   | 16"   | 17"   | 17.5" | 18"   | 19"   | 20" | 21" | 22"   | 23"   | 24"   | 25"   | 26"   | 27"   | 28"   |
|-----------------------------|-------------------|-------|-------|-------|-------|-------|-----|-----|-------|-------|-------|-------|-------|-------|-------|
|                             |                   | 41-42 | 43    | 44.5  | 46-47 | 48    | 51  | 53  | 56    | 58    | 61    | 64    | 66    | 68-69 | 71    |
|                             |                   | cm    | cm    | cm    | cm    | cm    | cm  | cm  | cm    | cm    | cm    | cm    | cm    | cm    | cm    |
| THE MINIMUM INSEAM OF RIDER | 700 C & 27" WHEEL | 27.5" | 28.5" | 28.5" | 30"   | 30.5" | 31" | 32" | 32.5" | 33.5" | 34.5" | 35.5" | 36.5" | 37.5" | 38.5" |
|                             | 26" WHEEL         | 30.5" | 31"   | —     | 31.5" | 32"   | 33" | 34" | 35.5" | 36"   | 37"   | —     | —     | —     | —     |



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**Panasonic**<sup>®</sup>  
just slightly ahead of our time

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