

# **Vision**<sup>®</sup>

RECUMBENT BICYCLES

**Comfort...  
Without  
Compromise**



**1999 Catalog**

## Vision

**V**ision® recumbents fit almost anyone, male or female, tall or short, young or old. All Visions are equipped with a truly comfortable padded seat.



**I**n the bicycle industry Vision recumbents are unparalleled for comfort, safety and performance. You should always treat yourself to the best, so ride a Vision.



**S**old only through qualified bike shops—so you are sure to get an expertly assembled bike. We offer a lifetime warranty on the frame to the original owner.



**I**nnovative design from engineers with over 20 years experience in recumbents. We make bikes to suit a wide variety of needs, and have the right bike for you.



**O**n Vision recumbents only standard bicycle components are used, so maintenance or repair is easy at any shop. You never have to worry about being stranded.



**N**ow available with state-of-the-art suspension systems, Visions are ideal touring bikes. You can enjoy the ride and the view.



**Toll Free: 877-433-4273**  
**Fax: 206-467-0175**

## Recumbents

### Safe

You ride feet first, not head first.  
It's almost impossible to pitch "head-over-heels".  
The seat is close to the ground, so any fall is minimized.

### Efficient

No energy is wasted in trying to hold up your body.  
The slick aerodynamic profile cuts through the wind.  
The backrest gives you great leverage to drive up hills.

### Comfortable

Our bikes come with a real seat, you get to sit back and relax.  
There's no weight or pressure on your hands, arms or wrists.  
You sit with your head up and neck straight, not hunched over.

In 1933, the French officials in charge of the UCI (the organization that governs bicycle racing to this day) decided that recumbents presented an "unfair advantage" over the traditional upright bicycle. They banned them from competition, effectively ending commercial development. Since the 1970's there has been a resurgence of the recumbent design as forward-thinking individuals recognized the advantages for rider comfort, safety and speed potential. Vision recumbent bicycles have been designed from the ground up by Joel Smith and Grant Bower, professionals dedicated to building the best recumbent available, in a variety of models to meet your needs and budget.



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**Web: <http://visionrecumbents.com>**

## Diversity

Unlike traditional upright bikes, recumbents have never been restricted to a particular design. These days, there are almost as many designs of recumbents available as there are manufacturers. Each of these different designs has different applications, although the real bottom line is a matter of personal preference. ATP is a unique recumbent manufacturer for many reasons, and one of our strengths is our diversity. We make bikes of many different styles, to fit a wide range of applications and needs. The different frame designs are easy to identify by the placement of the front wheel, as illustrated below.

### Short Wheelbase (SWB)

R40, R42, R44, R45

Wheelbase about 40"

- ◆ Lightweight
- ◆ Snappy handling
- ◆ Fits car racks easily



### Medium Wheelbase (MWB)

R32 only

Wheelbase about 55"

- ◆ Easy to mount and ride
- ◆ Familiar feel
- ◆ Smooth handling



### Long Wheelbase (LWB)

R40 only—convertible

Wheelbase about 60"

- ◆ Very stable
- ◆ Comfortable ride
- ◆ Sedate handling



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**S**ome of our competitors would have you believe that only one type of recumbent is a viable design. Well, here at ATP we don't intend to push one particular style as the only "perfect" bike for you. We offer the widest range of recumbent styles of any manufacturer, so you can get the best bike for your riding style and intended usage.

**W**e offer alternatives to the handlebar style on most of our bikes. The **over seat handlebar** sits in front of your body, while the **under seat style** is mounted beneath the seat. Both offer smooth control and a comfortable hand position.



**A**lso available—you can choose a **front suspension fork** on all our bikes, and many models are available with **rear suspension**. These systems help to smooth out rough roads and help provide the ultimate in a comfortable ride.



**N**ow let's talk about what is possibly the most comfortable bicycle seat ever made. Built with a "sling" design—no hard base pan—and with an integral foam pad, the Vision seat promises to be nice to you.

**A**s always, we feel that made in America means something, so all Vision recumbents are made in Seattle, USA.



**E-Mail: [Info@visionrecumbents.com](mailto:Info@visionrecumbents.com)**  
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# R32

This nimble machine is the ideal bike for commuting or a trip to the market. The built-in suspension gives you a smooth ride, and the collapsible frame makes it easy to take it along.

The relaxed seating position and familiar handlebar configuration make the R32 a comfortable bike for anyone. Easy to adjust for different sized riders, this is the perfect bike for family or vacation use.

- ◆ **RX100/Sachs 3x7 Drivetrain**
- ◆ **Folds for Storage or Transport**
- ◆ **Cane Creek AD-5 Air Shock**
- ◆ **Suspension Fork Available**



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# R40

The R40 is our economical performance machine. Careful component selection gives you an affordable price, and the advanced design chromoly frame gives you a great ride.

Fully convertible, the R40 can be built as either a Short Wheelbase (SWB) or Long Wheelbase (LWB) machine. Available with either under or over seat steering.

- ◆ **RX100/RapidFire Drivetrain**
- ◆ **Short or Long Wheelbase**
- ◆ **Under or Over Seat Steering**
- ◆ **Suspension Fork Available (SWB only)**



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# R42

The R42 takes the value-conscious component set from the model R40 and adds the comfort of a suspension frame. Cushioned with the Cane Creek AD-5 shock, this bike is also available with a Ballistic suspension fork for the ultimate in comfortable rides. Available with either under or over seat steering.

- ◆ **RX100/RapidFire Drivetrain**
- ◆ **Cane Creek AD-5 Air Shock**
- ◆ **Under or Over Seat Steering**
- ◆ **Suspension Fork Available**



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# R44

The R44 is the ultimate "do-anything" bike. Featuring the superb 27-speed Shimano 105 group, this lightweight speedster is ready to race, or tour the countryside in style and comfort. The chromoly steel frame is the perfect blend of light-weight strength and resilience, and the high pressure tires give you an efficient and comfortable ride. We also offer a 16" front wheel version that features a specially optimized frame, ensuring a perfect fit for every rider.

- ◆ **105/RapidFire Drivetrain**
- ◆ **16" or 20" Version**
- ◆ **Under or Over Seat Steering**
- ◆ **Suspension Fork Available**



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# R44s

The R44s adds the comfort of rear suspension to the excellent frame and component group found on the R44.

If you do a lot of commuting on pothole-strewn city streets, or even if you just want your ride to be as plush as you can get, then this is the bike for you.

- ◆ **105/RapidFire Drivetrain**
- ◆ **Cane Creek AD-5 Air Shock**
- ◆ **Under or Over Seat Steering**
- ◆ **Suspension Fork Available**



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# R45

This is the best of the best... truly the ultimate lightweight recumbent. Equipped with the extraordinary 27-speed Ultegra drivetrain, the R45 is built to last, and to go fast.

This bike features the STI shift/brake levers from Shimano—units so good that we designed new handlebars to utilize them. Ride the bike that is now a world record holder, ride the best.

- ◆ **Ultegra/STI Drivetrain**
- ◆ **Available in any color you want**
- ◆ **Under or Over Seat Steering**
- ◆ **Suspension Fork Available**

**12 and 24 hour UMCA  
World Record Holder.**



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# R45s

**W**hen you want the best frame we make and the best component group we offer, coupled with the comfort of suspension, then the R45s is your bike.

Suspended by a Cane Creek air shock and Ballistic front fork, the R45s guarantees you the smoothest ride in our line. Ideal for fast day rides or a transcontinental tour, you can not get a better bike or a nicer ride than the R45s... the ultimate recumbent.

- ◆ **Ultegra/STI Drivetrain**
- ◆ **Available in any color you want**
- ◆ **Under or Over Seat Steering**
- ◆ **Suspension Fork Available**



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# R82 & R85

The amazing "Double Vision" tandems! Capable of handling a stoker as small as 4' 7" and a captain as tall as 6"6", the 80 series provides a safe and stable ride for you and your partner. Available with ATP's exclusive Independent Pedaling System so either rider can pedal or coast at any time—and you get an easy and relaxed ride. Built to collapse into sections under 60" long, this full-sized bike can be shipped easily, or checked onto an airline for great vacation fun.

- ◆ **Quick-adjust Stoker seat**
- ◆ **Fits most tandem carriers**
- ◆ **Under or Over Seat Steering**
- ◆ **Suspension Fork Available**



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# Specifications

|                         | VR32                              | VR40                               | VR42 (Suspended)                   | VR44                              |
|-------------------------|-----------------------------------|------------------------------------|------------------------------------|-----------------------------------|
| Frame                   | TIG welded 1.75"<br>4130 Chromoly | TIG Welded 2"<br>4130 Chromoly     | TIG Welded 1.75"<br>4130 Chromoly  | TIG Welded 1.75"<br>4130 Chromoly |
| Slider Material         | N/A                               | Steel                              | Steel                              | Alloy                             |
| Handlebars              | Over Seat Only                    | Under or Over Seat                 | Under or Over Seat                 | Under or Over Seat                |
| Sizing                  | Sliding Seat                      | Std. & XL Boom                     | Std. & XL Boom                     | 16"/20" F. Wheel                  |
| Wheelbase Rigid         | N/A                               | 40" SWB / Approx. 60" LWB          | N/A                                | 40" SWB                           |
| Wheelbase Suspended     | 54"                               | N/A                                | 41" SWB                            | N/A                               |
| BB Height w/ 16" Front  | 17.5"                             | N/A                                | N/A                                | 23"                               |
| BB Height w/ 20" Front  | n/a                               | 25"                                | 26.6"                              | 25"                               |
| Seat Height w/ 16" Fnt. | 24"                               | N/A                                | N/A                                | 23"                               |
| Seat Height w/ 20" Fnt. | n/a                               | 25"                                | 26.5"                              | 25"                               |
| Weight                  | 29.5lbs.                          | 29.5lbs SWB / 34lbs LWB            | 33 lbs. w/ Full Susp.              | 26 lbs                            |
| Colors                  | Blue & Red                        | Blue & Red                         | Blue & Red                         | M. Purple / White / Red           |
| Stock Gear Range        | 24-105"                           | 26-118"                            | 26-118"                            | 27-108"                           |
| Crankset                | Sugino<br>46t Ring                | Shimano RX100<br>w/ 30/42/52 Rings | Shimano RX100<br>w/ 30/42/52 Rings | Shimano 105<br>w/ 30/42/52 Rings  |
| Pedals                  | Wellgo LU897                      | Wellgo LU897                       | Wellgo LU897                       | Wellgo LU936                      |
| Toeclips                | Wellgo RP-1                       | Wellgo RP-1                        | Wellgo RP-1                        | Wellgo RP-1                       |
| Toe straps              | Wellgo W4                         | Wellgo W4                          | Wellgo W4                          | Wellgo W4                         |
| Bottom bracket          | Shimano UN52<br>68 x 127.5mm      | Shimano UN52<br>68 x 127.5mm       | Shimano UN52<br>68 x 127.5mm       | Shimano BB-5500<br>68 x 118.5mm   |
| F. Derailleur           | N/A                               | Shimano RX100                      | Shimano RX100                      | Shimano 105                       |
| Brakes Callipers        | STX-RC V Brakes                   | STX-RC V Brakes                    | STX-RC V Brakes                    | LX V Brakes                       |
| Brake Levers            | Dia-Compe PC-7                    | STX-RC                             | STX-RC                             | LX                                |
| Headset                 | YST 1 1/8" thrdless               | YST 8002 Steel, 1"                 | YST 8002 Steel, 1"                 | YST 8311 Alloy                    |
| Shifters                | Sachs PG Plus 3x7                 | STX-RC 8sp Rapidfire               | STX RC 8sp Rapidfire               | LX 9sp Rapidfire                  |
| Front Rim 16"           | Alloy 16" (349)                   | N/A                                | N/A                                | Sun M18 16" (349)                 |
| Front Rim 20"           | N/A                               | Sun L18 20x1.5" (406)              | Sun L18 20x1.5" (406)              | Sun M18 20" (406)                 |
| Front Hub               | RX100                             | RX100                              | Shimano RX100                      | Shimano 105                       |
| Front Tire 16"          | 16" 85psi Vision                  | N/A                                | N/A                                | 16" 85psi Vision                  |
| Front Tire 20"          | N/A                               | 20x1.35" 100psi Vision             | 20x1.35" 100psi Vision             | 20x1.35" 100psi Vision            |
| Front Tube              | Schrader                          | Schrader                           | Schrader                           | Presta                            |
| Rear Tire               | Vision 20x1.35" 100psi            | Vision 26x1.25" 100psi             | Vision 26x1.25" 100psi             | Vision 26x1" 100psi               |
| Rear Tube               | Schrader                          | Schrader                           | Schrader                           | Presta                            |
| Rear Hub                | Sachs 3x7                         | Shimano RX100                      | Shimano RX100                      | Shimano 105                       |
| Rear Rim                | Alloy 20" (406)                   | Sun L18 26x1.5 (559)               | Sun L18 26x1.5 (559)               | Sun M18 26x1" (559)               |
| Cassette                | Sachs 12-28                       | Shimano HG60,11-30                 | Shimano HG60,11-30                 | Shimano CS-6500 12-27             |
| Rear Derailleur         | Shimano RSX                       | Shimano RX100                      | Shimano RX100                      | Shimano 105                       |

Please note: All specifications are subject to change without notice.

| VR44s (Suspended)       | VR45                     | VR45s (Suspended)        | VR82                     | VR85                     |
|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| TIG Welded 1.75"        | TIG Welded 1.75"         | TIG Welded 1.75"         | TIG Welded 2-1/2"        | TIG Welded 2-1/2"        |
| 4130 Chromoly           | 4130 Chromoly            | 4130 Chromoly            | 4130 Chromoly            | 4130 Chromoly            |
| Alloy                   | Alloy                    | Alloy                    | Alloy                    | Alloy                    |
| Under or Over Seat      | Under or Over Seat       | Under or Over Seat       | Under or Over Seat       | Under or Over Seat       |
| Std. & XL Boom          | Std. & XL Boom           | Std. & XL Boom           | Std. & XL Boom           | Std. & XL Boom           |
| N/A                     | 40" SWB                  | N/A                      | Approx. 70"              | Approx. 70"              |
| 41" SWB                 | N/A                      | 41" SWB                  | N/A                      | N/A                      |
| 23"                     | N/A                      | N/A                      | N/A                      | N/A                      |
| 25"                     | 25"                      | 26.6"                    | 24"                      | 24"                      |
| 23"                     | N/A                      | N/A                      | N/A                      | N/A                      |
| 25"                     | 25"                      | 26.5"                    | Captain=28" / Stoker=22" | Captain=28" / Stoker=22" |
| 29 lbs (Rear Susp)      | 26 lbs                   | 29.5 lbs (Rear Susp)     | 45lbs. / 46.75 w/ Susp.  | 45lbs. / 46.75 w/ Susp.  |
| M. Purple / White / Red | Any Color You Want       | Any Color You Want       | M. Purple / White / Red  | Any Color You Want       |
| 26-118"                 | 27-108"                  | 27-108"                  | 25-121"                  | 22-121"                  |
| Shimano 105             | Shimano Ultegra Triple   | Shimano Ultegra Triple   | ATP IPS custom           | ATP IPS custom           |
| w/ 30/42/52 Rings       | w/ 30/42/52 Rings        | w/ 30/42/52 Rings        | w/ 30/42/52 Rings        | w/ 30/42/52 Rings        |
| Wellgo LU936            | RX100                    | RX100                    | Wellgo LU936             | RX100                    |
| Wellgo RP-1             | RX100                    | RX100                    | Wellgo RP-1              | RX100                    |
| Wellgo W4               | Wellgo W4                | Wellgo W4                | Wellgo W4                | Wellgo W4                |
| Shimano BB-5500         | Shimano Ultegra          | Shimano Ultegra          | Shimano UN52             | Shimano UN72             |
| 68 x 118.5mm            | 68 x 119mm               | 68 x 119mm               | 68 x 127.5mm             | 68 x 127.5mm             |
| Shimano 105             | Shimano Ultegra triple   | Shimano Ultegra triple   | Shimano RX100            | Shimano Ultegra triple   |
| LX V Brakes             | Shimano Ultegra          | Shimano                  | STX-RC                   | Magura Hydraulic         |
| LX                      | "Mini" "V" brake         | "Mini" "V" brake         | STX-RC                   | Magura Hydraulic         |
| YST 8311 Alloy          | Shimano Ultegra          | Shimano Ultegra          | YST 8311 Alloy           | YST 8311 Alloy           |
| LX 9spd Rapidfire       | Shim Ultegra STI 9spd    | Shim Ultegra STI 9spd    | STX RC 8spd Rapidfire    | Shim XT 9spd Rapidfire   |
| N/A                     | N/A                      | N/A                      | N/A                      | N/A                      |
| Sun M18 20" (406)       | Sun M18 20" (406)        | Sun M18 20" (406)        | Sun Rhyno 36H 20"        | Sun Rhyno 36H 20"        |
| Shimano 105             | Shimano Ultegra          | Shimano Ultegra          | Shimano XT 36H           | Phil Wood 36H            |
| N/A                     | N/A                      | N/A                      | N/A                      | N/A                      |
| 20x1.35" 100psi Vision  | Continental Grand Prix   | Continental Grand Prix   | 20"x1.75 Peregrine       | 20"x1.75 Peregrine       |
| Presta                  | Presta                   | Presta                   | Schrader                 | Schrader                 |
| Vision 26x1" 100psi     | Continental Grand Prix   | Continental Grand Prix   | IRC Metro Duro           | IRC Metro Duro           |
| Presta                  | Presta                   | Presta                   | Schrader                 | Schrader                 |
| Shimano 105             | Shimano Ultegra          | Shimano Ultegra          | Shim 40H, 145mm          | Phil Wood                |
| Sun M18 26x1" (559)     | Sun M18 26x1" (559)      | Sun M18 26x1" (559)      | Sun Rhyno 26x1.75" (559) | Sun Rhyno 26x1.75" (559) |
| Shimano CS-6500 12-27   | Shim CS6500, 12-27, 9spd | Shim CS6500, 12-27, 9spd | Shim HG60, 11-30         | Shimano XT, 11-34        |
| Shimano 105             | Shimano Ultegra GS       | Shimano Ultegra GS       | Shimano RX100            | Shimano XT               |

All photos: Barry Gregg — Seattle, WA

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Please note: All specifications are subject to change without notice.

# Accessories

**Fairing.** Reduces drag and provides great weather protection. Fits all Vision bikes except the R32.

**Poncho.** Works with the fairing for the ultimate in foul weather gear.



**Day Bag**  
800 cu. in. cap.  
Available with  
integral water  
bladder.

**Light Mount**  
Allows you to  
hang most  
headlights on  
your Vision.



**Mirror**  
A must for  
riding in traffic.  
For all Vision  
handlebars.



**Kickstand**  
Keep your  
bike up.  
Available for  
all Visions.



**IPS**  
Independent  
Pedaling  
System. Fits  
most tandems.

**Frame Clamp**  
Lets you hang  
your Vision  
from any repair  
stand.



**Fenders**  
Matched fender  
sets for your  
R32, R4x or  
Tandem. Black.



**Chain Guard**  
Don't grease  
your pants...  
fits the rigid  
frame 40 series.

**Your Local Vision Dealer:**

**HEALTH CYCLE, INC.**  
4679 leavenworth st. ph. 402-558-6348  
omaha, ne 68106

**Advanced Transportation Products, Inc.**  
400 Terry Ave. North — Seattle, WA 98109