

# 1978



# SCHWINN<sup>®</sup>

## X-TRA LITE BICYCLE SPECIFICATIONS



# THE SCHWINN PARAMOUNT® IS ACKNOWLEDGED "THE WORLD'S FINEST BICYCLE"

In 1938 Frank W. Schwinn introduced the first Schwinn Paramount bicycle. Originally it was used primarily for competition on the many bicycle racing tracks throughout the United States, but tourist models were also manufactured for those non-racing cyclists who desired the very finest in bicycle craftsmanship.

Now, 40 years after that first Schwinn Paramount rolled out of the Schwinn factory on Kildare Avenue in Chicago, the Paramount continues as the standard of hand-built high performance racing and touring bicycles. Much refined, equipped with the finest components available, and now offered in more models and sizes, the Schwinn Paramount which, incidentally, still comes from the same plant, is as popular as before.

The competition successes of the Paramount continue year after year and more United States national bicycle championships have been won on Paramounts than on any other make of bicycle. Schwinn Paramounts have long been accustomed to competing in the Olympic Games and the entire 1972 U.S. Olympic cycling team was outfitted with custom fitted Schwinn Paramounts.

It is no surprise, then, that more sophisticated adult cyclists are choosing one of the many Paramount models for both competition and touring reasons. From the special-purpose P14 track bike to the 15-speed T29 tandem, the Paramount line offers only the finest in cycling pleasure for all those who know true quality in a fine bicycle.

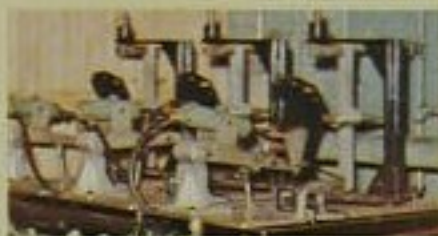


The heart of the bicycle, the single most important part, is the frame—and Schwinn hand builds Paramount frames from the finest Reynolds 531 double-butted tubing. Using low temperature gas brazing, the lugs and tubes are silver solder-brazed together to form the finest quality lightweight frame... frequently built to order—made-to-measure to the customer's specifications.



This special aligning table locks the frame in position so that all frame angles, proper alignment, and frame configuration meet Schwinn's exacting standards.

Nothing is spared to make the Schwinn Paramount the aristocrat of bicycles. Once the frame passes its rigorous inspection and testing it is ready to be painted. Multi-coated by hand to provide a deep, rich, long-lasting finish.



No detail is overlooked in the manufacture of the Schwinn Paramount. Hard top-grain leather saddles (available as an option) are pre-conditioned for added rider comfort by this ingenious machine... designed and built for Schwinn.



Once the welding is complete, all joints are smoothed with abrasives to provide a smooth, handsome finish.

Riding stability and riding comfort depend upon alignment and proper frame angles... continuous checking with measuring blocks follow the frame through its construction.



Finally, another new Schwinn Paramount is ready to be assembled, and like all Paramount manufacturing, a skilled craftsman builds the bike by hand, taking meticulous care to assure that every component, every part, fits with silky-smooth precision.

All Schwinn Paramount bicycles (except the Paramount Tandems) are built with frames of Reynolds "531" bicycle tubing. Frame tubes, chain and seat stays and fork blades are constructed of this high manganese alloy steel. The top and bottom tubes are "double butted," that is, both ends of the tubes are thicker than the middle part of the tubes—the middle sections having been made thinner by a swaging process to reduce weight, while the ends are allowed to remain thicker to provide greater strength at the joints. The seat mast has a "single butted" or thicker end on only one end—at the hanger bracket.

Fork blades and stays cannot be "butted" or made thinner in the middle section because they are tapered by a swaging process, thus making the tubing thicker as the outside diameter becomes smaller toward the tapered end.

Reynolds "531" butted tubing is the aristocrat of bicycle tubing because it offers low weight, exceptional strength and fatigue resistance—both before and after brazing and soldering. Paramounts are silver soldered and brazed by only the most expert craftsmen and frame builders.



\*Some frames larger than 26" may require the use of 4130 Chrome Molybdenum tubing for the main frame tubes.

**NOTE:** Orders for custom built frames are subject to sound design and construction feasibility and must be approved by the Schwinn Engineering Department.



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# Proper Bicycle Fit and Adjustment

The first step towards proper bicycle fit is selection of the proper frame. Schwinn bicycles come in a wide variety of sizes and most Schwinn lightweights are available with different frame sizes to ensure that the purchaser is able to buy a bicycle with a frame which is neither too large nor too small, but just right.

A rider's proper frame size is usually the largest frame which he can comfortably straddle with both of his feet on the ground as in the illustration on left. Women can use the diamond style frame to determine the approximate size of the corresponding ladies' model bicycle. Proper bicycle fit is necessary for the utmost in safety and handling.

Once the proper frame size has been determined, the next step is to adjust the seat to its correct height. The most efficient and comfortable pedaling is accomplished when the rider's leg, while he is seated on the bicycle, is not quite fully extended when the ball of the foot is on the pedal. The rider must be seated on the saddle and the pedal MUST be at the bottom position as shown in the illustration above on the right.

The handlebar stem should be adjusted to the same height as seat or slightly lower than the seat, as shown in the illustrations.

**NOTE:** On Schwinn bikes a maximum height marking appears both on the seatpost and handlebar stem.

*\*Leg length is the distance from crotch to floor while standing in stocking feet. Adjustments both higher and lower than the indicated figures can be made on Schwinn bicycles. However, these are the recommended figures. Frame size is measured from center of crank to top of painted seat tube.*

PROPER FRAME FIT



Rider SHOULD be able to straddle bicycle when standing

PROPER RIDER ADJUSTMENT



Knee slightly bent

Handlebar stem approximately level with seat or slightly lower

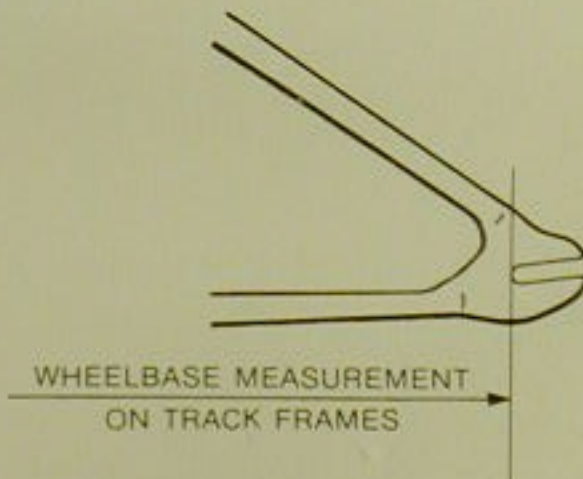
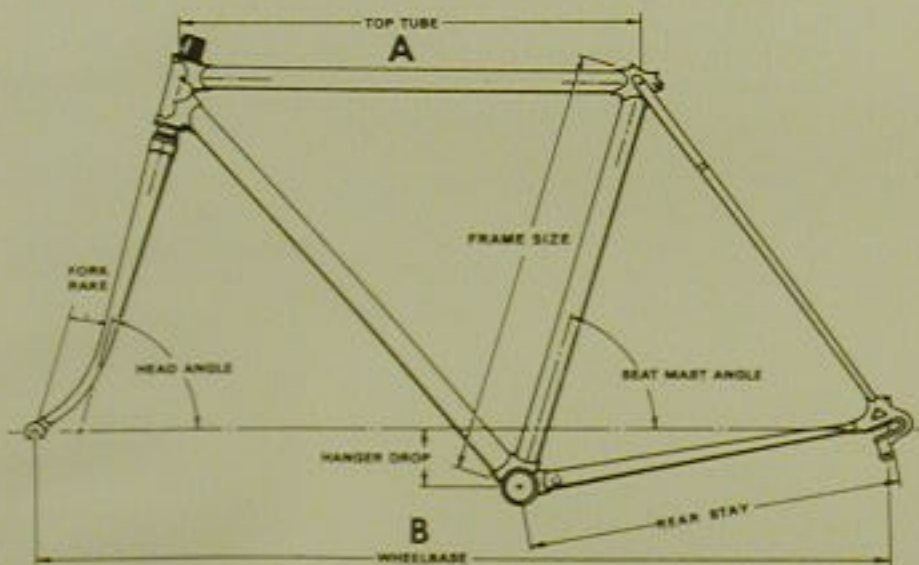
Pedal at bottom position

## Paramount Frame Dimensions

Schwinn Paramounts are designed by Schwinn engineering to best fulfill the need of the most discriminating cyclists. Numerous Paramount models are offered as well as a complete variety of sizes for each so that each purchaser has an ample selection. Schwinn realizes, however, that occasionally someone's needs may require a frame of custom dimensions. Custom frames receive the same skilled

attention of expert craftsmen, however, an additional charge is made. All custom frame orders are subject to approval by the Schwinn Engineering Department.

Changes from standard in any of the following dimensions require a custom frame. See the Paramount order form for more information.



P13		
SIZE	"A"	"B"
20"	21 $\frac{3}{16}$ "	38 $\frac{1}{16}$ "
21"	21 $\frac{3}{16}$ "	38 $\frac{1}{16}$ "
22"	22 $\frac{3}{16}$ "	39 $\frac{1}{16}$ "
23"	22 $\frac{3}{16}$ "	39 $\frac{1}{16}$ "
24"	23"	40 $\frac{3}{4}$ "
25"	23 $\frac{1}{2}$ "	41 $\frac{1}{4}$ "
26"	24 $\frac{1}{2}$ "	42 $\frac{1}{4}$ "

P13—Head and seat mast angle 73°  
Drop—3" (20" frame 2 $\frac{3}{4}$ " )  
Fork Rake—1 $\frac{3}{4}$ "

P15, P10, P65, P60		
SIZE	"A"	"B"
20"	21 $\frac{3}{16}$ "	39 $\frac{1}{8}$ "
21"	22 $\frac{3}{16}$ "	40 $\frac{5}{16}$ "
22"	22 $\frac{3}{16}$ "	40 $\frac{5}{16}$ "
23"	22 $\frac{3}{16}$ "	40 $\frac{5}{16}$ "
24"	23"	41 $\frac{1}{8}$ "
25"	23 $\frac{1}{2}$ "	41 $\frac{1}{2}$ "
26"	24 $\frac{1}{2}$ "	42 $\frac{5}{8}$ "

P15, P10, P65, P60  
Head and seat mast angle 73°  
Drop—3"  
Fork Rake—1 $\frac{3}{4}$ "

\*P65 and P60 available in 20" and 22" Frames only

P14		
SIZE	"A"	"B"
20"	21 $\frac{3}{16}$ "	37 $\frac{3}{4}$ "
21"	21 $\frac{3}{16}$ "	37 $\frac{3}{4}$ "
22"	22 $\frac{3}{16}$ "	38 $\frac{3}{4}$ "
23"	22 $\frac{3}{16}$ "	38 $\frac{3}{4}$ "
24"	23"	39 $\frac{3}{16}$ "
25"	23 $\frac{1}{2}$ "	40 $\frac{1}{4}$ "
26"	24 $\frac{1}{2}$ "	41 $\frac{1}{4}$ "

P14—Head and seat mast angle 74°  
Drop—2 $\frac{1}{2}$ "  
Fork Rake—1 $\frac{3}{8}$ "

# SCHWINN®

...the Choice of Champions





## P13-9 Road Racing Paramount®

### SPECIFICATIONS

#### FRAME:

- Available in seven frame sizes — 20", 21", 22", 23", 24", 25" and 26" (50.8cm through 66.0cm).
- Close coupled "Sprint" style frame available in 21", 22", 23", 24" and 25" (53.3cm through 63.5cm) at extra cost.
- Made to measure 19" to 28" frames available at extra cost. Some frames larger than 26" may require the use of 4130 chrome molybdenum tubing for the main frame tubes.
- Frame is silver solder hand brazed.
- Reynolds 531 double butted top and bottom tubes, single butted seat mast, Reynolds 531 tapered forks and stays.
- Front and rear forged Campagnolo fork ends. (Note: these forks are not equipped with eyelets for carrier mounting.)

#### Optional at extra cost —

- Brazed on water bottle fittings.
- Brazed on down tube shifters.
- Brazed on tunnel clips.

#### FRAME FINISH:

- Available in all current Schwinn colors including black and white.
- Chrome trim on head lugs, fork crown and six inches of front fork and rear stays available at extra cost.

#### WHEELS AND TIRES:

##### Standard equipment —

- Campagnolo *Record* large flange quick release hubs.
- Campagnolo *Record* small flange quick release hubs available at no extra cost.
- Schwinn Approved 27" x 1" 330 gram (11.55 oz.) aluminum alloy rims.
- .072-.060 ga. butted stainless steel spokes.
- Clement *Campionato del Mondo* silk sew-up tires.
- Schwinn Super 700C wired-on tires optional at no extra cost.

##### Optional at extra cost —

- .092-.080 ga. heavy duty butted spokes.

#### HANDLEBARS AND STEM:

- Cinelli aluminum alloy handlebar and stem with recessed stem bolt. 80mm extensions on 20", 21" and 22" frames and 110mm on 23", 24", 25" and 26" frames.

#### HEADSET:

- Campagnolo *Strada*.

#### PEDALS:

- Campagnolo *Superleggeri* black alloy pedals with Christophe toe clips and straps.

#### CRANKSET:

- Campagnolo *Record* double plateau crankset.
- 6¾" (170mm) cranks.

#### GEARING:

- Standard gearing is available in the following combinations:
  - Front 42-52.
  - Rear 14-16-18-21-24 (47 low to 100 high).
- Optional gearing is available in the following combinations at no extra charge:
  - Front 49-52.
  - Rear 14-16-18-21-24 (55 low to 100 high).
  - Front 49-52.
  - Rear 14-16-18-23-26 (50 low to 100 high).

#### DERAILLEURS:

- Campagnolo *Record* front derailleur. (Huret Success front derailleur used on all Sprint style frames.)
- Campagnolo *Nuovo Record* rear derailleur.
- Gold finish freewheel cluster.
- Campagnolo bottom bar mounted control offered as standard equipment.
- Schwinn Twin Stik derailleur control available at no extra cost.

##### Optional at extra cost —

- Schwinn Approved fingertip ratchet derailleur controls.
- Campagnolo fingertip derailleur controls.

#### BRAKES:

- Campagnolo side pull caliper brakes with hooded quick release levers.

#### SADDLE AND SEATPOST:

- Unica-Nitor padded leather covered nylon saddle.
- Brooks Professional leather saddle available at no extra cost.
- Campagnolo seatpost.

#### WEIGHT:

- Approximately 23 pounds (10.4 kilograms) subject to variation with differences in frame size and equipment.

NOTE: Prices and specifications are subject to change without notice.

## Road Racing Paramount®

- Campagnolo *Record* side pull caliper brakes with hooded quick release levers standard.
- Campagnolo fork ends, pedals and seatpost.

- Campagnolo front and rear derailleurs on all straight seatmast P13 models with Campagnolo bottom bar control.
- Campagnolo double plateau crankset.
- Campagnolo large flange quick release hubs.





## P14-0 Professional Track Paramount®

### SPECIFICATIONS

#### FRAME:

- Available in seven frame sizes — 20", 21", 22", 23", 24", 25" and 26" (50.8cm through 66.0cm).
- Close coupled "Sprint" style frame available in 21", 22", 23", 24" and 25" (53.3cm through 63.5cm) at extra cost.
- Made to measure 19" to 28" frames available at extra cost. Some frames larger than 26" may require the use of 4130 chrome molybdenum tubing for the main frame tubes.
- Frame is silver solder hand-brazed.
- Reynolds 531 double butted top and bottom tubes, single butted seat mast, Reynolds 531 tapered forks and stays.
- Campagnolo Track Fork ends.

#### FRAME FINISH:

- Available in all current Schwinn colors including black and white.
- Chrome trim on head lugs, fork crown and fork stays available at extra cost.

#### WHEELS AND TIRES:

- Campagnolo *Record* large flange track hubs.
- .072-.060 stainless steel butted spokes.
- Clement No. 9 cotton sew-up tires.
- Schwinn Approved 330 gram (11.55 oz.) aluminum alloy rim.
- Clement No. 3 silk sew-up tires optional at extra cost.
- Extra light 260 gram (9.1 oz.) aluminum alloy rims optional at extra cost.

#### HANDLEBARS AND STEM:

- Cinelli alloy track handlebar and alloy track stem are standard. 100mm extension.
- Double adjustable Cinelli Steel stem available at extra cost.
- Cinelli Aluminum alloy road handlebar and stem available at extra cost.

#### HEADSET:

- Campagnolo *Strada*.

#### PEDALS:

- Campagnolo track pedals with Christophe toe clips and straps.
- Campagnolo *Superleggeri* black alloy pedals optional at extra cost.

#### CRANKSET:

- Campagnolo *Record* Track crankset.
- 6½" (165mm) crank arms.

#### SPROCKET:

- 50 teeth front sprocket is standard.
- 16 teeth rear sprocket is standard.
- 15 teeth rear sprocket available at no extra cost.
- 14 teeth rear sprocket available at no extra cost.
- 13 teeth rear sprocket.

#### BRAKES:

- Not normally supplied.
- Weinmann side pull front caliper brake available at extra cost.
- Drilled front fork to accept caliper brake supplied at extra cost.

#### SADDLE AND SEATPOST:

- Unica-Nitor padded leather covered nylon saddle.
- Campagnolo seatpost.
- Brooks Professional leather saddle available at no extra cost.

#### WEIGHT:

- Approximately 20 pounds (9.1 kilograms) subject to variation due to differences in frame size.

NOTE: Prices and specifications subject to change without notice.

# Professional Track Paramount®

- Campagnolo track fork ends.
- Campagnolo *Record* large flange track hubs.
- Clement No. 9 cotton sew-up tires.
- Campagnolo *Strada* headset.
- Campagnolo *Record* track headset.
- Campagnolo pedals and seatpost.





P15-9

P65-9

## Deluxe Touring Paramount®

### SPECIFICATIONS

#### FRAME:

- Available in seven frame sizes 20", 21", 22", 23", 24", 25" and 26" (50.8cm through 66.0cm). Made to measure 19" to 28" frames available at extra cost. Some frames larger than 26" may require the use of 4130 chrome molybdenum tubing for the main frame tubes.
- Ladies P65 Paramount available in 20" (50.8cm) and 22" (55.9cm) frame size. Made to measure 19" to 28" frames available at extra cost. Some frames larger than 26" may require the use of 4130 chrome molybdenum tubing for the main frame tubes.
- Lug frame is low temperature hand brazed with silver solder.
- Reynolds 531 double butted top and bottom tube; Reynolds 531 single butted seat mast; Reynolds 531 tapered forks and stays.
- Front and rear Campagnolo forged fork ends with eyelets for carrier, or fender mounting.
- Made to measure frames available at extra cost.

#### Optional at extra cost —

- Brazed on water bottle fittings.
- Brazed on down tube shifters.
- Brazed on tunnel clips.

#### FRAME FINISH:

- Available in all current Schwinn colors including black and white.
- Chrome trim on head lugs, fork crown, and 6" of the front and rear fork ends available at extra cost.

#### WHEELS AND TIRES:

##### Standard equipment —

- Campagnolo *Record* large flange quick release alloy hubs.
- Aluminum alloy rims.
- .072-.060 ga. butted stainless steel spokes.
- 27" x 1 1/8" Schwinn Super *Record* wired on tires.

##### Optional at extra cost —

- Clement *Campionato del Mondo* silk sew-up tires.
- .092-.080 ga. heavy duty spokes.
- Puncture resistant tubes available for wired on tires.

#### HANDLEBARS AND STEM:

- Cinelli aluminum alloy stem with recessed stem bolts. 80mm extensions on 20", 21" and 22" frames and 110mm on 23", 24", 25" and 26" frames.

#### HEADSET:

- Campagnolo *Strada*.

#### PEDALS:

- Campagnolo *Superleggeri* black alloy pedals with Christophe toe clips and straps.

#### CRANKSET:

- Campagnolo *Record* triple plateau chain set (36-46-54 teeth).
- 6 3/4" (170mm) crank arms.

#### GEARS:

- Gold finish freewheel cluster with 14, 16, 19, 25, 31 teeth. Gear range 31 low to 104 high.

#### DERAILLEURS:

- Schwinn-Approved GT-300 wide range rear derailleur.
- Campagnolo *Record* front derailleur.
- Campagnolo bottom bar mounted derailleur controls are standard.
- Schwinn Twin Stik controls available at no extra cost.
- Schwinn Approved fingertip ratchet derailleur controls available at extra cost.
- Campagnolo fingertip controls optional at extra cost.

#### BRAKES:

- Weinmann *Carrera* alloy side-pull brakes with hooded quick release levers standard on P15 model. Weinmann *Vainqueur* center pull brakes standard on P65 model. Extension levers for *Vainqueur* brakes optional at extra cost.
- Campagnolo alloy side pull brakes available at extra cost.

NOTE: Extra cost of *Carrera* or Campagnolo brakes includes cost of required frame alterations.

#### SADDLE AND SEATPOST:

- Unica-Nitor padded leather-covered nylon saddle.
- Brooks "Professional" saddle available at no extra cost.
- Campagnolo seatpost.

#### WEIGHT:

- Approximately 26 lbs. (11.8 kilograms) subject to variation due to differences in frame size and equipment.

# Deluxe Touring Paramount®

- Cinelli alloy handlebar and stem.
- Campagnolo *Record* rear derailleur.
- Campagnolo *Record* triple plateau crankset.
- Campagnolo pedals, seatpost and hubs.
- Gold finish freewheel cluster.



**SCHWINN**  
*X-tra  
 Lite*  
**BICYCLES**



**P10-9**

**P60-9**

**Deluxe  
 Touring  
 Paramount®**

**SPECIFICATIONS**

**FRAME:**

- The P10 men's model is available in seven frame sizes 20", 21", 22", 23", 24", 25" and 26" (50.8cm to 66.0cm).
- The P60 ladies' style frame Paramount is available in two frame sizes 20" and 22" (50.8cm and 55.9cm). Made to measure 19" to 28" frames available at extra cost. Some frames larger than 26" may require the use of 4130 chrome molybdenum tubing for the main frame tubes.
- Reynolds 531 double butted top and bottom tubes, single-buttet seat mast, Reynolds 531 tapered forks and stays.
- Frame is silver solder hand-brazed.
- Front and rear Campagnolo forged fork ends equipped with eyelets for carrier mounting.
- Short coupled Sprint style frame available on P10 Paramount on 21" through 25" frame at extra cost.

Optional at extra cost —

- Brazed on water bottle fittings.
- Brazed on down tube shifters.
- Brazed on tunnel clips.

**FRAME FINISH:**

- Available in all current Schwinn colors including black and white.
- Chrome trim on head lugs, fork crown, and 6 inches of front fork and rear stays optional at extra cost.

**WHEELS AND TIRES:**

Standard equipment —

- Campagnolo *Record* large flange quick release alloy hubs.
- Aluminum alloy rims.
- .072-.060 butted stainless steel spokes.
- Wired on 27" x 1 1/8" Schwinn Super Record tires (90 lbs. inflation).

Optional equipment at extra cost —

- Clement *Campionato del Mondo* silk sew-up tires.
- Lightweight chrome plated steel fenders.
- .092-.080 ga. heavy duty zinc plated spokes.
- Puncture resistant tubes for wired on tires.

**HANDLEBARS AND STEM:**

- Cinelli aluminum alloy stem and bar with recessed stem bolt. 80mm extensions on 20", 21" and 22" frames and 110mm on 23", 24", 25" and 26" frames.

**HEADSET:**

- Campagnolo *Strada*.

**PEDALS:**

- Campagnolo *Superleggeri* black alloy pedals with Christophe toe clips and straps.

**CRANKSET:**

- Campagnolo *Record* double plateau crankset.
- 6 3/4" (170mm) crank arms.

**GEARING:**

Standard gearing is as follows:

- Front: 42-52.
- Rear: 14, 16, 18, 21, 24. (47 low to 100 high).

Optional gearing is available in the following combinations at no extra charge:

- Front: 49-52.  
 Rear: 14, 16, 18, 21, 24. (55 low to 100 high).
- Front: 49-52.  
 Rear: 14, 16, 18, 23, 26. (50 low to 100 high).

**DERAILLEURS:**

- Campagnolo *Nuovo Record* rear derailleur.
  - Campagnolo *Record* front derailleur. Huret *Success* front derailleur used on Sprint style frames.
  - Gold finish freewheel cluster.
  - Campagnolo bottom bar mounted derailleur controls are standard.
  - Schwinn Twin Stik controls available at no extra cost.
- Optional at extra cost —
- Schwinn Approved fingertip ratchet controls.
  - Campagnolo fingertip derailleur controls.

**BRAKES:**

- Weinmann *Carrera* aluminum alloy side pull brakes standard on P10 model. Weinmann *Vainqueur* center pull brakes standard on P60 model. Extension levers for *Vainqueur* brakes optional at extra cost.
- Campagnolo alloy side pull brakes at extra cost.

**SADDLE AND SEATPOST:**

- Unica-Nitor leather covered nylon saddle.
- Brooks Professional leather saddle available at no extra cost.
- Campagnolo seatpost standard.

**WEIGHT:**

- Approximately 26 pounds (11.8 kilograms) subject to variation depending on frame size.

**Deluxe Touring  
 Paramount®**

- Reynolds 531 double butted top and bottom tubes, single butted seatmast, Reynolds 531 tapered forks and stays, Campagnolo fork ends.
- Campagnolo *Strada* headset.
- Campagnolo pedals, seatpost and crankset.
- Cinelli alloy handlebar and stem.





## T29-9 T32-9 Paramount® Tandem

### SPECIFICATIONS

#### FRAME:

- T29 tandem features a men's style front and a mixtie (step-through) rear frame.
- T29 models are available in sizes of 22" front, 19" rear or 24" front, 22" rear.
- T32 models feature a double men's frame.
- T32 models are available with 22" front and rear or 24" front and rear.
- Made to measure frames available at extra cost.
- Rear seat mast is curved to allow more room for rear rider (except on 19" T29 model).
- Major frame tubes are manufactured from 4130 chrome molybdenum alloy steel with internal reinforcing sleeves at major frame joints.
- All frames are hand brazed.

#### Optional at extra cost —

- Brazed on water bottle fittings.
- Brazed on down tube shifters.

#### FRAME FINISH:

- Available in all current Schwinn colors including black and white.

#### WHEELS AND TIRES:

##### Standard equipment —

- Campagnolo *Record* large flange quick release hubs.
- Aluminum alloy rims.
- .092-.080 ga. spokes.
- 27" x 1 1/4" high pressure Schwinn LeTour tires. (85 lbs. inflation.)
- Puncture resistant tubes available at extra cost.

#### HANDLEBARS AND STEM:

- *Randonneur* style aluminum alloy front bar and "All Rounder" alloy rear bar. 85mm extension on all frames.

#### PEDALS:

- Campagnolo *Superleggeri* black finish alloy pedals with Christophe toe clips and straps.

#### CRANKSET:

- Campagnolo aluminum alloy three piece cotterless cranks.
- 6 3/4" (170mm) crank arm.
- 36-46-54 teeth main chain wheel.
- 42 teeth front and rear drive sprockets.

#### DERAILLEURS AND GEARS:

- Schwinn-Approved GT-300 rear derailleur.
- Huret *Success* front derailleur used on all T29 and T32 models with the exception of the 19" T29 which is equipped with a Campagnolo *Record* front derailleur.
- 14, 16, 19, 25, 31 rear freewheel cluster.
- Gearing is 31 low to 104 high.
- Schwinn Twin Stik stem mounted derailleur controls are standard.
- Schwinn-Approved fingertip ratchet derailleur controls available at extra cost.
- Campagnolo fingertip derailleur controls available at extra cost.
- Bottom bar controls available at no extra cost.

#### BRAKES:

T29 tandem is equipped with Weinmann *Vainqueur* center pull brake on the rear and Mafac *Cyclomoteur* brake on the front.

T32 tandem is equipped with Mafac *Cyclomoteur* brakes with brazed-on fittings for both front and rear wheel.

- Mathauser brake blocks.

#### SADDLE AND SEATPOST:

- Unica Nitor padded leather covered nylon saddle.
- Brooks Professional all leather saddle available at no extra cost.
- Campagnolo seatpost.

#### WEIGHT:

- Approximately 43 lbs. (19.5 kilograms) subject to variations depending on frame size.

NOTE: Prices and specifications are subject to change without notice.

# Paramount® Tandem

- 15 gear combinations.
- All frames hand brazed with brass solder.
- Heavy duty .092-.080 ga. butted spokes.
- Campagnolo alloy three piece cotterless cranks.
- Mathauser brake blocks.





**SCHWINN®**  
Approved  
**Le Tour® III**



**SCHWINN®**  
Approved  
**Traveler® III**



#### SPECIFICATIONS

##### FRAME:

- Available in four frame sizes: 21", 23", 25" and 27" (53.3cm to 68.6cm).
- Lug frame with single butted top and bottom tubes (except 25" and 27" frame).
- All joints are lugged and brazed.
- Tubular front fork, with chrome plate crown and 6" fork ends.

##### FRAME FINISH:

- Available in Pearl Blue and Pearl Orange.

##### WHEELS AND TIRES:

- Araya steel tubular rims.
- Large flange quick release aluminum alloy hubs.
- HP Sports Touring 27" x 1 1/4" gumwall tires (85 lbs. inflation).

##### HANDLEBARS AND STEM:

- *Randonneur* style aluminum handlebar.
- Forged aluminum alloy stem with recessed stem bolt.

##### PEDALS:

- Rattrap reflectorized pedals.

##### CRANKSET:

- Schwinn-Approved aluminum alloy crankset (39-52 teeth sprocket).
- 6 3/4" (170mm) crank arms.

##### DERAILLEURS:

- GT-420 rear derailleur.
- GT-450 front derailleur.
- 14-17-20-24-28 rear freewheel cluster.
- Gear range 38 low to 100 high.

##### BRAKES:

- Schwinn-Approved alloy center pull brakes with extension levers.

##### SADDLE:

- Ariake racing style saddle.

##### WEIGHT:

- Approximately 29 lbs. (13.2 kilograms) depending on frame size.

#### SPECIFICATIONS

##### FRAME:

- Available in four men's frame sizes: 19", 21", 23" and 25" (48.3cm to 63.5cm) and two ladies' frame sizes: 19" and 22" (48.3cm to 55.9cm).
- Single butted top and down tubes.
- Tubular front fork, 6" tip chrome plated.
- Lug frame made of 1020 carbon steel.

##### FRAME FINISH:

- Scarlet and Pearl Blue.

##### WHEELS AND TIRES:

- Araya steel tubular rims.
- Medium flange alloy hubs.
- Schwinn Puff 27" x 1 1/4" gumwall tires with 75 lbs. inflation pressure.

##### HANDLEBARS AND STEM:

- Steel *Randonneur* style handlebar.
- Schwinn-Approved forged aluminum alloy stem.

##### PEDALS:

- Steel rattrap pedals with reflectors.

##### CRANKSET:

- 39-52 double plateau sprocket.
- Three piece cotterless crank with lightweight chain guard.
- 6 1/2" (165 mm)

##### DERAILLEURS:

- Shimano 400 rear derailleur.
- Shimano 400 front derailleur.
- 14-17-20-24-28 rear freewheel cluster.
- Gear range 38 low to 100 high.

##### BRAKES:

- Schwinn-Approved alloy center pull caliper with dual position levers. (side pull rear brake on ladies model.)

##### SADDLE:

- Nylon base, seamless vinyl cover.

##### WEIGHT:

- Approximately 32 lbs. (14.5 kilograms) depending on frame size.

## Le Tour® III

- New 27" frame available.
- All frames fully lugged.
- Large-flange quick-release aluminum alloy hubs.
- Alloy crankset and center pull brakes.

## Traveler® III

- Brazed, lugged 1020 carbon steel frame.
- Medium flange alloy hubs.
- Alloy handlebar stem.
- Three piece cotterless crankset with circular chain guard.



**SCHWINN**  
*X-tra  
Lite*  
**BICYCLES**



**SCHWINN®**  
Approved  
**Super Le Tour® 12.2**

**SPECIFICATIONS**

**FRAME:**

- Available in 19", 21", 23" and 25" frame sizes (48.3cm to 63.5cm).
- Chrome molybdenum double butted top and down tubes. Single butted seat mast. 1020 carbon steel forks and stays.
- All joints are lugged and brazed.
- Tubular front fork, with chrome plated crown and 6" of front fork ends.

**FRAME FINISH:**

- Scarlet, Black, Silver Mist, and full chrome. NOTE: \$50.00 extra charge for full chrome.

**WHEELS AND TIRES:**

- Araya 27" x 1 1/4" aluminum alloy rims.
- Shimano large flange aluminum alloy hubs with quick release.
- Schwinn Super Record 27" x 1 1/4" tires (90 lbs. inflation).

**HANDLEBARS AND STEM:**

- Aluminum alloy road racing style handlebar with black cotton tape.
- Schwinn-Approved forged alloy stem with recessed stembolt.

**PEDALS:**

- Alloy rattrap style pedals with toe clips and straps.

**CRANKSET:**

- Schwinn-Approved three-piece aluminum alloy cotterless crankset (39-52 teeth sprockets).
- 6 3/4" (170mm) crank arms.
- Gear range 38 low to 100 high.

**DERAILLEURS:**

- Shimano 600 alloy rear derailleur and model 60 front derailleur.
- Shimano bottom bar mounted controls.
- 14-17-20-24-28 rear freewheel cluster.

**BRAKES:**

- Compe G alloy side pull caliper brakes.
- Brake levers with rubber hood covers.
- Quick release tabs on caliper assemblies.

**SADDLE AND SEATPOST:**

- Racing style saddle.
- Aluminum alloy seatpost.

**WEIGHT:**

- Approximately 26 1/2 lbs. (12.2 kilograms) depending on frame size.

**SCHWINN**  
*X-tra  
Lite*  
**BICYCLES**



**Superior®**

**SPECIFICATIONS**

**FRAME:**

- Available in three frame sizes — 22", 24" and 26" (55.9cm through 66.0cm).
- Frame is manufactured from 4130 chrome-molybdenum alloy steel for the seat mast, top tube and bottom tube. Rear stays are manufactured from 1020 carbon steel.
- Frame is hand brazed with brass solder.
- All major joints are reinforced with internal sleeve lugs.
- 6" tip of tubular front fork is chrome plated.

**FRAME FINISH:**

- Black, Sky Blue and Flamboyant Red.
- Chrome trim on front fork.

**WHEELS AND TIRES:**

- Aluminum alloy tubular rims.
- Schwinn Super Record 27" x 1 1/4" tires (90 lbs. inflation).
- .080-.060 ga. spokes.
- Puncture resistant tubes available at extra cost.

**HANDLEBARS AND STEM:**

- Aluminum alloy handlebar stem with recessed bolt.
- Aluminum alloy road racing style handlebar.
- Cloth handlebar tape.

**CRANKSET:**

- Three piece aluminum alloy cotterless crank set, 40-54 teeth sprockets.

**HEADSET:**

- Schwinn headset.

**PEDALS:**

- Maillard rattrap style pedal with toe clips and straps.

**DERAILLEURS:**

- Aluminum alloy Sun Tour V-GT rear derailleur.
- Schwinn-Approved GT-295 front derailleur.
- 14-17-21-26-32 rear freewheel cluster.
- Gear range of 34 low to 104 high.
- Bottom bar Huret derailleur control.
- Schwinn-Approved ratchet handlebar mounted controls available as extra cost option.

**BRAKES:**

- Schwinn-Approved front and rear aluminum alloy center pull caliper brakes.
- Rubber hooded brake levers fitted with quick release tabs and adjusting barrels.

**SADDLE AND SEATPOST:**

- Racing style saddle, vinyl covered on nylon base, 7/8" clamp.
- 9" long chrome plated seatpost.

**WEIGHT:**

- Approximately 28 1/2 lbs. (12.9 kilograms) depending on frame size.

# Super Le Tour® 12.2 Superior®

- Fully lugged frame, hand brazed.
- Double butted chrome-moly top and down tubes.
- Shimano front and rear derailleurs.
- Compe G side pull brakes.

- Schwinn-built in Chicago.
- Hand brazed chrome-moly tubing, internally lugged.
- Large flange quick release hubs.
- Cotterless alloy crankset.





**SCHWINN**<sup>®</sup>  
Approved  
**Volare**<sup>™</sup>

#### SPECIFICATIONS

##### FRAME:

- Available in 21", 23" and 25" frame sizes (53.3cm through 63.5cm).
- Schwinn designed diamond style of Reynolds 531 double butted top and bottom tubes, single-buttet seat mast, Reynolds 531 tapered forks and stays.
- Fork crown and 6" of front and rear forks chrome plated.

##### FRAME FINISH:

- Scarlet and Pearl Orange.

##### WHEELS AND TIRES:

- Araya aluminum alloy 700 x 28C rims.
- Dura-Ace large flange quick release hubs.
- 15-16 ga. double-buttet stainless steel spokes.
- Schwinn Super 700C tires (90 lbs. inflation).

##### HANDLEBARS AND STEM:

- Custom road racing style aluminum alloy handlebar.
- Forged aluminum alloy stem with recessed bolt.

##### PEDALS:

- Pro-Ace alloy pedals with reflectors, toe clips and straps.

##### CRANKSET:

- Dura-Ace cotterless three-piece crankset. 40-54 teeth sprocket.
- 6 $\frac{3}{4}$ " (170mm) crank arms.

##### DERAILLEURS:

- Dura-Ace rear derailleur.
- Dura-Ace front derailleur.
- Dura-Ace gold 13-16-19-21-24 combination freewheel cluster.
- Gear range of 47 low to 100 high.

##### BRAKES:

- Dura-Ace side pull caliper brakes.
- Brake levers with rubber hood covers.
- Quick release tabs on caliper assemblies.

##### SADDLE AND SEATPOST:

- Seamless racing style saddle with nylon base.
- 27.2mm seatpost.

##### WEIGHT:

- Approximately 25 lbs. (11.3 kilograms) depending on frame size.

# Volare<sup>™</sup>

- Fully lugged frame.
- Reynolds 531 double butted tubing.
- Dura-Ace front and rear derailleurs.
- Dura-Ace cotterless alloy crankset.
- Dura-Ace large flange quick release hubs.



Effective June 1, 1977

## **SCHWINN<sup>®</sup> BICYCLE COMPANY**

### **LIMITED WARRANTY**

Schwinn and Schwinn-Approved bicycles, parts and accessories (except the EX2 ergoMETRIC Exerciser) are warranted to be free from defects in materials and workmanship . . . no time limit.

**NOTICE: The user assumes the risk of any personal injuries, damage to or failure of the bicycle and any other losses if Schwinn bicycles are used in any competitive event, including bicycle racing, or in bicycle motocross, dirt biking or similar activities, or training for such competitive events or activities. DO NOT USE Schwinn bicycles for stunt riding, ramp jumping, acrobatics or similar activities, or with motors as power driven vehicles. This Warranty does not cover any personal injuries, damage to or failure of the bicycle or any other losses due to accident, misuse, neglect, abuse, normal wear, improper assembly or improper maintenance.**

#### **Free 30-Day Checkup**

Each Schwinn Bicycle will be fully assembled by the Authorized Schwinn Dealer at time of purchase, and will be entitled to receive a Free 30-Day Checkup by the same Authorized Schwinn Dealer within the first 30 days of operation . . . such checkup to include free replacement of any parts and accessories found to be defective and free inspection and adjustment of all functional parts and assemblies . . . but not including any repair due to accident, improper use, neglect, abuse, normal wear, improper assembly or improper maintenance.

At its option, Schwinn will . . . without charge . . . either provide a replacement of or repair any Schwinn or Schwinn-Approved part or accessory which is defective under the terms of this warranty. Dealer labor charges in installing replacement parts or accessories are not covered by this warranty after the free 30-day checkup, except for any labor charges due to replacement of a defective frame within one year of original purchase at retail.

Repair or replacement of defective parts or accessories and those dealer charges specified above shall be the sole remedy under this warranty, and IN NO EVENT SHALL SCHWINN BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

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

See your Authorized Schwinn Dealer for service or replacement under the Schwinn Limited Warranty, or write for assistance to the factory:

**Consumer Relations Department  
SCHWINN BICYCLE COMPANY  
1856 North Kostner Avenue · Chicago, Illinois 60639**

**SCHWINN<sup>®</sup>...the bicycle people!<sup>®</sup>**

