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# FRAMESETS

Craftsmanship and attention to detail are the hallmarks of every WTB frameset. Meticulous welds that result in superior performance and longevity are artfully administered by Steve Potts on each and every frame we make. Years of experience translate into a ride that is unmatched, whether it is our Bon Tempe full suspension frameset, or the titanium and steel hardtails formerly known as the Phoenix.

## BON TEMPE

The Bon Tempe is a Unified Rear Triangle (URT) frameset featuring patented Sweet Spot™ suspension technology under license from designer John Castellano. Built from custom designed aluminum extrusions for the front end, and custom drawn and shaped 3Al/2.5V Titanium tubing for the rear, the Bon Tempe provides a very responsive and active ride. Designed for cross country riding and racing, the Bon Tempe's frameset allows for a light and agile ride, with excellent handling characteristics in a variety of conditions; from steep and technical singletrack to all-out fire road bombing. The carefully chosen pivot location provides for the most active ride of any Sweet Spot bike, with efficient power transfer and exceptional traction for climbing and confidence-inspiring shock absorption for descending.




HARDTAIL FRAME - STEEL




HARDTAIL FRAME - TITANIUM

"We will be known by the tracks we leave behind."

DAKOTA PROVERB




The Bon Tempe is available in a medium size, with an average effective top-tube length of 22" and a 42.25" wheelbase that will accommodate most riders. It is offered as a frameset with a custom 38.1mm O.D. alloy seat post, SST.98 saddle and rear shock.

### The hardtails formerly known as Phoenix

The legendary WTB steel and titanium hardtails share the same geometry, with small triangles, radically sloping top tubes and oversized tubing, and deliver a ride that inspires confidence in technical trail riding. Whether climbing steep trails or descending back-country singletrack, WTB hardtails excel in a wide variety of real-world conditions.

### Titanium

Special features for the Ti frame include increasing the outside diameter of the downtube from 1 3/8" to 1 1/2"; increasing the outside diameter of the seatstays from 5/8" to 3/4"; using ovalized chain stays; and using custom WTB Koski-style dropouts. These modifications result in a titanium frame that is uncommonly stiff laterally, yet vertically compliant, with all the benefits that titanium offers. Fully raceable and exceptionally trail-worthy, the Ti frame offers discerning riders the ride of a lifetime.

### Steel

The ride of the steel hardtail is legendary, providing the "real steel" ride that only a hand-crafted frame can provide; quick and responsive acceleration; lateral stiffness; vertical compliance and rider comfort in the long haul. The steel hardtail is raceable, and extremely well suited for backcountry exploration and technical riding.

## Hardtail Frame Specifications

| | 12" | 13.5" | 15" |
|---|---|---|---|
| HEAD TUBE ANGLE | 70.5° | 71° | 71° |
| SEAT TUBE ANGLE | 72° | 72° | 72° |
| TOP TUBE LENGTH (EFFECTIVE) | 22.5 | 22.625 | 22.75 |
| HEAD TUBE LENGTH | 3.75 | 4.125 | 4.75 |
| STEERER TUBE DIAMETER | 1.125 | 1.125 | 1.125 |
| SEAT TUBE LENGTH | 12 | 13.5 | 15 |
| BOTTOM BRACKET HEIGHT | 11.75 | 11.688 | 11.688 |
| CHAINSTAY LENGTH | 16.9 | 16.9 | 16.9 |
| FRONT CENTER | 23.9 | 24.3 | 24.375 |
| WHEELBASE | 40.75 | 41 | 41.5 |
| TRAIL | 3.0 | 2.8 | 2.8 |
| TITANIUM WEIGHT | 3.4 LBS. | 3.5 LBS. | 3.6 LBS. |
| STEEL WEIGHT | 4.2 LBS. | 4.3 LBS. | 4.4 LBS. |
| SEAT POST SIZE | 31.8MM X 425MM | 31.8MM X 425MM | 31.8MM X 425MM |
| BB SHELL DIAMETER | 68MM; THREADED | 68MM; THREADED | 68MM; THREADED |
| BRAKE BOSS: | | | |
| HARDTAIL | CANTILEVER BOSS | CANTILEVER BOSS | CANTILEVER BOSS |
| HARDTAIL SE | POWER BOSS | POWER BOSS | POWER BOSS |
| SUGGESTED STANDOVER HEIGHT | 27.5 | 29 | 29.5 |
| INSEAM LENGTH | 27-29 | 29-31 | 30-33 |
| SUGGESTED RIDER HEIGHT | 4'10-5'4 | 5'2-5'6 | 5'5-5'9 |

| | 16.5" | 18" | 19.5" |
|---|---|---|---|
| HEAD TUBE ANGLE | 71° | 71° | 71° |
| SEAT TUBE ANGLE | 72° | 72° | 72° |
| TOP TUBE LENGTH (EFFECTIVE) | 23 | 23.45 | 24 |
| HEAD TUBE LENGTH | 5.25 | 6.0 | 7.0 |
| STEERER TUBE DIAMETER | 1.125 | 1.125 | 1.125 |
| SEAT TUBE LENGTH | 16.5 | 18 | 19.5 |
| BOTTOM BRACKET HEIGHT | 11.688 | 11.688 | 11.688 |
| CHAINSTAY LENGTH | 16.9 | 16.9 | 16.9 |
| FRONT CENTER | 24.685 | 25.1 | 25.67 |
| WHEELBASE | 41.5 | 41.90 | 42.5 |
| TRAIL | 2.8 | 2.8 | 2.8 |
| TITANIUM WEIGHT | 3.75 LBS. | 3.8 LBS. | 3.9 LBS. |
| STEEL WEIGHT | 4.5 LBS. | 4.75 LBS. | 5 LBS. |
| SEAT POST SIZE | 31.8MM X 425MM | 31.8MM X 425MM | 31.8MM X 425MM |
| SHELL DIAMETER | 68MM; THREADED | 68MM; THREADED | 68MM; THREADED |
| BRAKE BOSS: | | | |
| HARDTAIL | CANTILEVER BOSS | CANTILEVER BOSS | CANTILEVER BOSS |
| HARDTAIL SE | POWER BOSS | POWER BOSS | POWER BOSS |
| SUGGESTED STANDOVER HEIGHT | 31 | 32 | 33 |
| INSEAM LENGTH | 32-35 | 33-36 | 35-38 |
| SUGGESTED RIDER HEIGHT | 5'8-6'0 | 5'10-6'2 | 6'2-6'7 |

MEASUREMENTS ARE IN INCHES UNLESS OTHERWISE NOTED. THE MOST COMMON SUSPENSION FORK RAKE IS 1.5
DOWN TUBE DERAILLEUR CABLE ROUTING - TOP TUBE BRAKE CABLE ROUTING





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