

Merlin 1991 Mountain Frames

Frame Size (center to center)	X Small ¹	Small	Medium	Large	X Large
Seat Tube Length	13	15	17	19	21
Nominal Size	16	18.5	20	21.5	23
Head Angle	70	70.5	71	71.5	72
Seat Angle	73.5	73.5	73	72.5	72
Nominal Top Tube ⁴	20.5	22	23	23.75	24.5
Chain Stay	16.75	16.75	16.75	16.75	16.75
BB Height	11.5	11.6	11.8	11.9	11.9
Wheelbase ³	40.12	41.0	41.75	42.12	43.0
Head Tube Length	3.38	3.75	4.75	6	6
Steerer Length	5	5.5	6.5	7.5	7.5
Stand Over Height ²	26.75	27.75	28.75	31.63	32.63
Frame Weight (lbs) ⁵	2.91	3.28	3.37	3.75	3.83

Dimensions are in inches

MOUNTAIN BIKE FEATURES:

- 27.2 seat post diameter
- 1.250" clamp-on front derailleur is needed
- Grease-Guard™ bottom bracket
- 132.5 mm Rear Axle Spacing
- Satin Gray Finish
- Cantilever/U-Brake in rear is a no-cost option
- Option - Ritchey Logic fork, color is Chromed Black Ice. Rake is 4.4 cm.
- Top tube cable routing is available, at extra cost

Merlin 1991 Stem/Handlebar

Size	Small	Medium	Large
Stem Length	105 mm	130 mm	150 mm
Stem Rise	2°	6°	8°
Handlebar Length	22"	22"	22"
Handlebar Bend	5°	5°	5°

Note: Handlebars may be purchased separately per the specs above.

1. X Smalls do not have water bottle mounts on the seat tube. Brakes are mounted on the chainstays.
2. Stand over height is taken mid-way on the top tube.
3. Wheelbases derived using the Logic fork (4.4 cm Rake)
4. Merlin top tubes are sloping. Sizes are comparable to non-sloping frames by using nominal size at the head tube, sloping down to the seat tube. (e.g. a Merlin Medium starts at the head tube as a 20 inch, and slopes down to a 17 at the seat tube.)
5. Frame weight does not include fork or bottom bracket.