

ELLIPTIGO® BIKE SPECIFICATIONS

	STAND-UP		LONG-STRIDE BIKES		
	RSUB	MSUB	3C	8C	11R
Performance					
Climbing Activity	Climb steep hills up to 20-30% grade	Climb steep hills up to 20-30% grade	Climb mild hills of up to 5% grade	Climb steep hills up to 20-30% grade	Climb steep hills up to 20-30% grade
Recommended Riding Terrain	Road, gravel	Off road	Road	Road	Road
Workout Resistance Selection	8 different levels of resistance. 309% total resistance range. 18% difference between levels	10 different levels of resistance. 382% total resistance range. 16% difference between levels	3 different levels of resistance. 177% total resistance range. 33% difference between levels	8 different levels of resistance. 306% total resistance range. 17% difference between levels	11 different levels of resistance. 409% total resistance range. 15% difference between levels
System Specifications					
Wheelbase	46.5" (118cm)	47.2" (120cm)	54" (137cm)	54" (137cm)	54" (137cm)
Total Length	74.4" (189cm)	74.8" (190cm)	74" (188.0 cm)	74" (188.0 cm)	74" (188.0 cm)
Weight	31.4 lbs (14.2 kg)	34.6 lbs (15.7 kg)	41.8 lbs (19.0 kg)	43.7 lbs (19.8 kg)	39.4 lbs (17.9 kg)
Operating Height	43.3-49.6" (110-126cm)	45.3-51.6" (115-131cm)	50-56" (127-142 cm)	50-59" (127-150 cm)	50-59" (127-150 cm)
Storing Height (with front wheel)	43.3" (110 cm) with steering extender	45.3" (115 cm) with steering extender	47.0" (119 cm) with steering extender	50.0" (127 cm) with steering extender	52.1" (132 cm) with steering unfolded
Storing Height (no front wheel)	28" (71 cm) without steering extender	30.3" (77 cm) without steering extender	24.5" (62 cm) without steering extender	24.5" (62 cm) without steering extender	26.4" (67 cm) steering folded
Crank Length	5.9" (150mm)	5.9" (150mm)	6.75 - 10.5" (171 - 267mm)	6.75 - 10.5" (171 - 267mm)	6.75 - 10.5" (171 - 267mm)
Total Gear Range	309%	382%	177%	306%	409%
Avg Gear Step	18%	16%	33%	17%	15%
Gear Ratio Range	1.4 - 4.4	.93 - 3.5	3.0 - 5.3	1.7 - 5.4	1.5 - 6.2
Gear Inch Range	39 - 121	26 - 99	58 - 103	34 - 103	29 - 120
Stride Length	11.8" (30 cm)	11.8" (30 cm)	16 - 25" (41-64 cm)	16 - 25" (41-64 cm)	16 - 25" (41-64 cm)
Stride Height	11.8" (30 cm)	11.8" (30 cm)	2.5 - 5.8"	2.5 - 5.8"	2.5 - 5.8"

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Components					
Front and Rear Brakes	Mechanical disc brakes	Mechanical disc brakes	Tektro linear pull rim brakes	Tektro linear pull rim brakes	Tektro linear pull rim brakes
Grips	Clamp on anti-rotation, with Ergonomic shelf	Clamp on anti-rotation, with Ergonomic shelf	Velo ergonomic grips	Ergon GP5 multi-position	Ergon GP5 multi-position
Cranks	Custom forged aluminum	Custom forged aluminum	Custom forged aluminum with VSL	Custom forged aluminum with VSL	Custom forged aluminum with VSL
Frame	6061-T6 Aluminum	6061-T6 Aluminum	7005-T6 Aluminum	7005-T6 Aluminum	7005-T6 Aluminum
Fork	700C butted chro-moly with 1.5" steerer	Air suspension Fork, 100mm travel, variable damping	20" butted chro-moly with 1.5" steerer	20" butted chro-moly with 1.5" steerer	20" butted chro-moly with 1.5" steerer
Brake Levers	Two finger levers	Two finger levers	Two finger levers	Two finger levers	Two finger levers
Propulsion System	Circular Drive	Circular Drive	Patented Elliptidrive Technology	Patented Elliptidrive Technology	Patented Elliptidrive Technology
Drive Arms/Pedals	Composite nylon pedal	Composite nylon pedal	Aluminum drive arm / composite nylon foot platform	Aluminum drive arm / composite nylon foot platform	Monocoque carbon fiber drive arm / foot platform
Track System	N/A	N/A	Integral with modular inserts	Integral with modular inserts	Integral with modular inserts
Chainring	48T, 130 BCD, 6061 - T6 aluminum	42T, 130 BCD, 6061 - T6 aluminum	52T, 130 BCD, 6061 - T6 aluminum	53T, 130 BCD, 6061 - T6 aluminum	52T, 130 BCD, 6061 - T6 aluminum
Cassette	8-speed 11-34 tooth range	10-speed 11-42 tooth range	N/A Uses Sprocket	N/A Uses Sprocket	N/A Uses Sprocket
Bottom Bracket	Oversized M48 68/113, isis spline, sealed bearings	Oversized M48 68/113, isis spline, sealed bearings	68/108 isis drive, sealed bearings	68/108 isis drive, sealed bearings	68/108 isis drive, sealed bearings
Sprocket	N/A - Uses Cassette	N/A - Uses Cassette	13-tooth	16-tooth	18-tooth
Hub	Alloy freewheel hub	Alloy freewheel hub	Sturmey Archer DD3 3-speed hub	Shimano Alfine 8-speed internal hub	Shimano Alfine 11-speed internal hub
Steering Column	Adjustable height index locking	Adjustable height index locking	Adjustable height index locking	Adjustable height index locking	Folding, roto-lock safety technology
Steering Extender	Chro-moly steel, anti-rotation indexing	Chro-moly steel, anti-rotation indexing	Chro-moly steel, anti-rotation indexing	Chro-moly steel, anti-rotation indexing	Forged Aluminum, anti-rotation indexing

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Headset	1.5" threadless	1.5" threadless	1.5" threadless	1.5" threadless	1.5" threadless
Kickstand	Single leg, forged aluminum kickstand	Single leg, forged aluminum kickstand	Dual leg, forged aluminum kickstand	Dual leg, forged aluminum kickstand	Dual leg, forged aluminum kickstand
Tires	Kenda Kwest, 700 x 40C 60TPI, 85-psi	Kenda Honey Badger, 27.5" x 2.2" 60TPI, 50-psi	Kenda Kwest, 20" x 1.5" 60TPI, 100-psi	Kenda Kwest, 20" x 1.5" 60TPI, 100-psi	Schwalbe Marathon Racer, 20"x1.5", 85-psi
Handlebar	Alu. MTB Flat bar, 31.8mm dia x 720mm wide	Alu. MTB Flat bar, 31.8mm dia x 720mm wide	Alu. MTB riser bar, 50 mm x 670mm	Alu. MTB riser bar, 50 mm x 670mm	Alu. MTB riser bar, 50 mm x 670mm
Stem	Forged aluminum, 31.8mm dia bar, 80mm x 7 deg	Forged aluminum, 31.8mm dia bar, 80mm x 7 deg	Forged aluminum, 120mm x 7 deg.	Forged aluminum, 120mm x 7 deg.	Forged aluminum, 120mm x 7 deg.
Shifter	8-speed trigger	10-speed trigger	Sturmey Archer S30 trigger shifter	Shimano Alfine SL7001-8 8sp trigger shifter	Shimano Alfine SL-S700 11sp trigger shifter
Front Wheel	700C aluminum, 32-spoke	27.5" aluminum, tubeless ready, 32-spoke	20" aluminum aero profile rim, 28-spoke	20" aluminum aero profile rim, 28-spoke	20" aluminum aero profile rim, 28-spoke
Rear Wheel	700C aluminum, 32-spoke	27.5" aluminum, tubeless ready, 32-spoke	20" aluminum aero profile rim, 32-spoke	20" aluminum aero profile rim, 32-spoke	20" aluminum aero profile rim, 32-spoke