

# ElliptiGO Product Comparison Matrix

January 2012

ElliptiGO 3C





ElliptiGO 8C



ElliptiGO 11R



Quick Comparison			
<b>Gears/Speeds</b>	3	8	11
<b>Colors</b>	 Black, Green and Orange		 Matte Black with White Stripping
<b>Transport/Storage</b>	- Removable Steering Extender - Removable Front Wheel		- Foldable Steering Extender - Removable Front Wheel
<b>Grips</b>	Velo ergonomic grips	Ergon GC3 multi-position ergonomic grips with integral bar ends	Ergon GC3 multi-position ergonomic grips with integral bar ends
<b>Weight</b>	42 lbs (19.1 kg)	44 lbs (20 kg)	39.4 lbs (17.9 kg)
<b>Climbing Ability</b>	Mild hills (up to 5% grade)	Steep hills (up to 20-30% grade)	Steep hills (up to 20-30% grade)
<b>Workout Resistance Selection</b>	- 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 - 14 % difference between levels
<b>Price</b>	\$1,799	\$2,499	\$3,499
System Specifications			
<b>Wheelbase</b>	54" (137 cm)		
<b>Total Length</b>	75" (190.5 cm)		
<b>Weight</b>	42 lbs (19.1 kg)	44 lbs (20 kg)	39.4 lbs (17.9 kg)
<b>Operating Height</b>	50-58" (127-147 cm)		
<b>Storing Height (with front wheel)</b>	32" (81 cm) with steering extender removed		35" (89 cm)
<b>Storing Height (no front wheel)</b>	27" (70 cm) with steering extender removed		27" (70 cm)
<b>Stride Length</b>	16-25" (41-64 cm)		
<b>Crank Length</b>	6.75 - 10.5" (171 - 267mm)		
<b>Gears/Speeds</b>	3	8	11
<b>Total Gear Range</b>	177%	306%	409%
<b>Avg Gear Step</b>	33%	17%	14%
<b>Gear Ratio Range</b>	.75 - 1.33	.527 - 1.615	.527 - 2.153
<b>Gear Inch Range</b>	58 - 103	33 - 102	29 - 118
<b>Gain Ratio Range</b>	2.8 - 7.6	1.6 - 7.5	1.4 - 5.6
Components/Features			
<b>Frame</b>	7005-T6 Aluminum		
<b>Fork</b>	20" butted chro-moly with 1.5" seerer tube		
<b>Propulsion System</b>	Patented <i>Elliptidrive</i> technology		
<b>Track System</b>	Integral with modular inserts (patent pending)		
<b>Drive arms</b>	Aluminum with composite nylon foot platform		Multi-modulus carbon-fiber monococque
<b>Cranks</b>	Custom forged aluminum with <i>Variable Stride Length (VSL)</i> technology (patent pending)		
<b>Chaining</b>	52- tooth, 130 BCD, 6061-T6 aluminum	53-tooth, 130 BCD, 6061-T6 aluminum	52- tooth, 130 BCD, 6061-T6 aluminum

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<b>Sprocket</b>	13-tooth	16-tooth	18-tooth
<b>Hub</b>	Sturmey Archer R-SRF 3, 3-speed internally-geared hub	Shimano Alfine SG-S501, 8-speed internally-geared hub	Shimano Alfine SG-S700, 11-speed internally-geared hub
<b>Bottom Bracket</b>	Isis drive, sealed bearings		
<b>Steering Column</b>	Removable and telescopically adjustable with height index locking		Folding and telescopically adjustable with <i>roto-lock</i> safety technology
<b>Steering Extender</b>	butted chro-moly steel with anti-rotation indexing		forged aluminum with anti-rotation indexing
<b>Headset</b>	1.5" threadless		
<b>Stem</b>	Forged aluminum, 120mm x 7 deg.		
<b>Handlebar</b>	Aluminum MTB riser bar, 50 mm rise, 670mm wide		
<b>Grips</b>	Velo ergonomic grips	Ergon GC3 multi-position ergonomic grips with integral bar ends	Ergon GC3 multi-position ergonomic grips with integral bar ends
<b>Shifter</b>	Sturmey Archer S30 trigger shifter	Shimano Alfine SL-S500 trigger shifter	Shimano Alfine SL-S700 trigger shifter
<b>Brake Levers</b>	Avid FR5, two finger levers		Avid Speed Dial 7, two finger levers
<b>Front and Rear Brakes</b>	Linear pull rim brakes		Avid Single Digit 7 linear pull rim brakes
<b>Front Wheel</b>	20" aluminum aero profile rim, 28-spoke		
<b>Rear Wheel</b>	20" aluminum aero profile rim, 32-spoke		
<b>Tires</b>	Kenda Kwest, 20" x 1.5" 60TPI, 100-psi		
<b>Kickstand</b>	Dual leg, forged aluminum kickstand		
<b>Performance</b>			
<b>Cruising Speed</b> (flat terrain)	15 mph (24 kph)		
<b>Sprinting Speed</b> (flat terrain)	23+ mph (37+ kph)		
<b>Recommended Riding Terrain</b>	Flat terrain and mild hills	Flat and hilly terrain	Flat and hilly terrain
<b>Climbing Ability</b>	Can climb mild hills of up to 5% grade	Can climb steep hills up to 20-30% grade	Can climb steep hills up to 20-30% grade
<b>Workout Resistance Selection</b>	- 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 - 14% difference between levels
<b>Cadence vs. Speed</b>	<i>See Cadence vs. Speed Chart below</i>		

