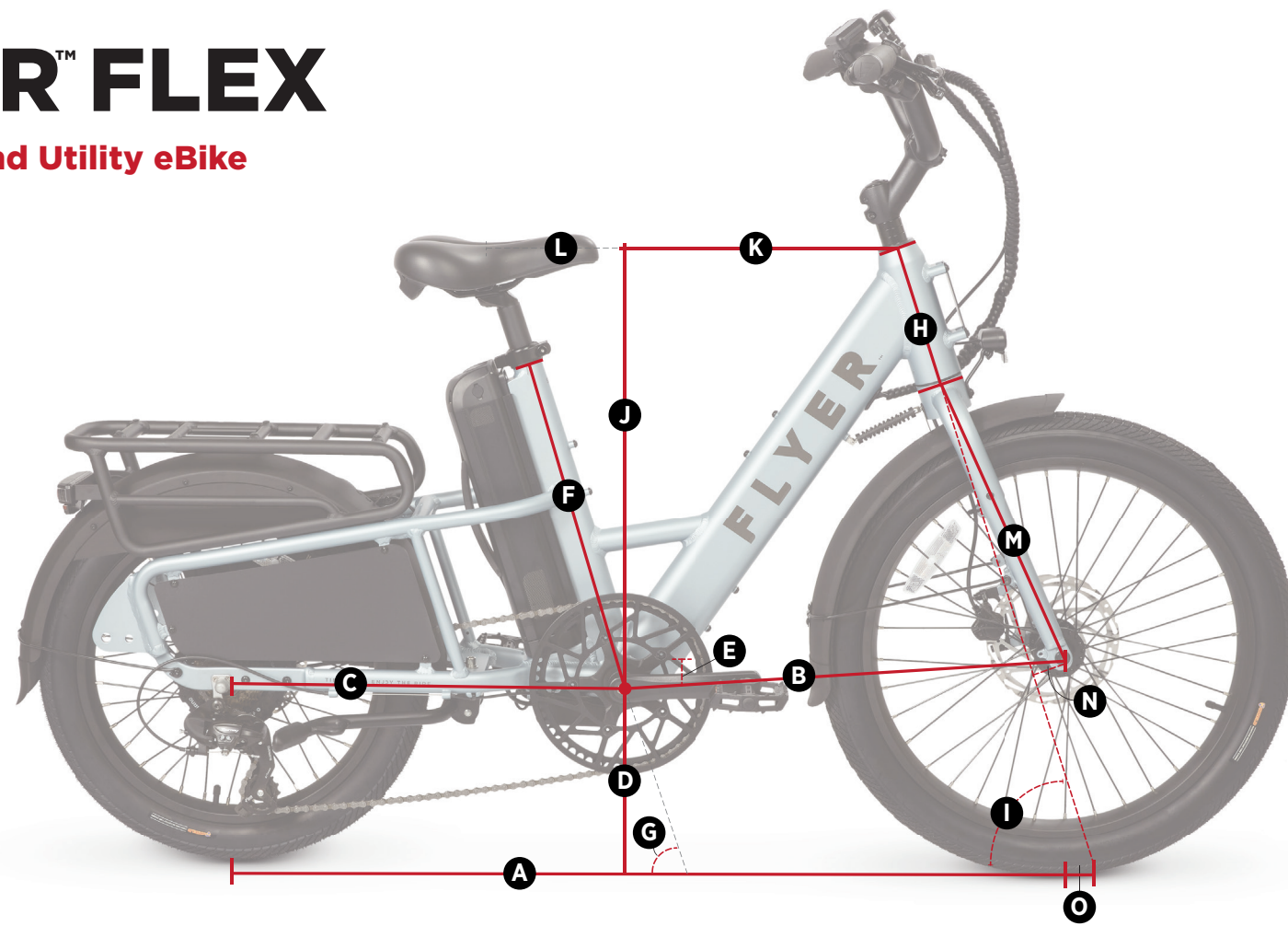


# FLYER™ FLEX

The All-Around Utility eBike



## PRODUCT SPECIFICATIONS

### Frame/Fork

Frame	6061 Aluminum Frame, Rear ISO Brake Tab
Fork	Cro-Mo Steel Fork, Tapered Steerer 1-1/2" to 1-1/8", 392mm Axle-to-Crown Length, 42mm Rake, Post Mount 160mm Disc Tab

### Cockpit Components

Handle Bar	710mm Wide, 31.8mm Clamp, 125mm Rise, 15° Back Sweep
Grips	Radio Flyer Rubber/Aluminum Clamp On
Stem	90mm Length, 45° Fixed Angle, 31.8mm clamp
Seat Post	31.6mm Diameter, 350mm length, 20mm offset
Saddle	Comfort Foam 180mm wide
Headset	44mm - Zero Stack, Tapered 1-1/2" to 1-1/8" - Sealed Bearing

### Brakes

Lever	TektroHD-E350 Hydraulic Lever with power cut-off sensor
Caliper	Tektro HD-E350 Hydraulic Caliper with Green Organic Pads
Rotor	Tektro 180mm

### Wheels

Rims	Alloy Double Wall (36H Front) (36H Rear)
Hub	Front 15mm Thru Axle, / Rear 12mm Axle 18mm Nut, Sealed Bearing, Hub Motor
Tire	Front 24" x 2.4" - Rear 20" x 2.4" - Kenda Puncture Resistant

### Drive Train

Motor System	500w Brushless Hub Motor
Battery Pack	48v 9.8Ah (458wh) Lithium-Ion Samsung 50E 21700 Cells
Shift Lever	Shimano SL-M315 - 7 Speed Trigger Shifter
Rear Derailleur	Shimano TY300 7-Speed Derailleur
Crank Arm	165mm Forged Alloy
Chain Ring	56T / Single Sided Chainguard
Cassette	14-28T Shimano Freewheel
Chain	KMC Z7 Speed
Pedal	Welgo Plastic Platform - Integrated Reflectors, Crmo Axle, 9/16" X 20 Tpi Threads

### Extras

Head Light	LED
Taillight	LED with Integrated Brake Light and Turn Signal Functions
Fender	Front Fender and Rear Fender with Side Covers Included
Kickstand	Rigid, 2 Leg Center Stand

# FLYER™

BY RADIO FLYER

## Bike Geometry

		S/M	M/L
A	Wheel Base	1105mm	1168mm
B	Front Center	575mm	640mm
C	Rear Center/Chain Stay Length	525mm	525mm
D	Bottom Bracket Height	280mm	280mm
E	Bottom Bracket Drop (From Front Wheel)	40mm	40mm
F	Seat Tube Length	455mm	520mm
G	Seat Tube Angle	72°	72°
H	Head Tube Length	180mm	220mm
I	Head Tube Angle	71.5°	71.5°
J	Frame Stack	559mm	614mm
K	Frame Reach	369mm	404mm
L	Effective Top Tube Length	540mm	604mm
M	Fork Length - Axle To Crown	392mm	392mm
N	Fork Rake/Offset	42mm	42mm
O	Trail	60mm	60mm

## Bike Overall Dimensions

	S/M	M/L
Bike Total Length	67.5"	69"
Bike Width (HandleBar Width)	29.5"	29.5"
Bike Height	41.5-43.5"	44"-46"
Rear Rack Height	24"	24"
Rear Rack Length	17"	17"
Rear Rack Cargo Capacity	80lbs	80lbs
Front Cargo Capacity	25lbs	25lbs
Max Gross Vehicle Weight Rating	330lbs	330lbs
Bike Weight	67lbs	68lbs

## Rider Fit

	S/M	M/L
Saddle Height from Ground (Top of hip should be in range)	31.5"-39.5"	34"-42"
Stand Over Height (Should be able to step over)	19"	19.5"
Handlebar Height from Ground	41.5-43.5"	44"-46"
Max Rider Weight	220lbs	220lbs
Recommended Minimum Rider Height	5'0"	5'5"
Recommended Maximum Rider Height	6'0"	6'5"
Recommended Minimum Rider Inseam	27"	28"
Recommended Maximum Rider Inseam	32"	36"