



# KEY FEATURES



## BEST IN CLASS MID DRIVE

- The Shimano EP8 mid drive system is made specifically for mountain biking. It gives you a natural feeling ride plus smooth, intuitive power.
- A state-of-the-art battery uses the same advanced lithium-ion cells as an electric car. It's specially designed for the rigors of mountain biking.

## RIDE YOUR WAY

Sophisticated software fits your riding style like a glove. You can customize your settings with a bluetooth connected smartphone app. A special left hand switch provides accurate, easy shifting between power-assist modes.



## NO COMPROMISES

A bike is only as good as its weakest part, and the Elevate is crafted with select, brand name components from the ground up with no compromises.

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**PEDEGO**<sup>®</sup>  
ELECTRIC BIKES

# SMALL DETAILS MAKE A BIG DIFFERENCE



## 1. Computer Display

Specifically designed to be compact and durable for MTB riding.



## 4. Shimano XT

12-speed drivetrain for easy pedaling and smooth shifting.



## 2. Full Suspension

Rear: RockShox Revalation RC 150mm Travel  
Front: RockShox Super Deluxe Select+ RT



## 5. Tubeless Ready

All that's needed is tubeless sealant.



## 3. Shimano XT

Hydraulic disc brakes with 203mm rotors that can stop on a dime.



## 6. Dropper Seatpost

Raise or lower your seat while riding with the push of a button.

More Notes...

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# ELEVATE SPECIFICATIONS

## Electronics

<b>MOTOR</b>	SHIMANO STEPS EP8 BRUSHLESS GEARED MID-DRIVE MOTOR; 250 WATT NOMINAL POWER RATING; 85NM MAX TORQUE OUTPUT; COMPACT DESIGN WITH NARROW 177MM Q-FACTOR.
<b>BATTERY</b>	DARFON E4C0C 36 VOLT 14 AMP HOUR WITH PREMIUM LITHIUM ION 18650 CELLS.
<b>CHARGER</b>	DARFON 5.6 AMP SMART BATTERY CHARGER WITH CHARGE INDICATOR LIGHT.
<b>CONTROLLER</b>	SHIMANO 36V CONTROLLER; INTEGRATED INTO DRIVE UNIT.
<b>ASSIST</b>	FREE RIDE MODE (ASSIST OFF), THREE LEVELS OF PEDAL ASSIST: ECO, TRAIL, BOOST; ONE LEVEL OF WALK ASSIST; CUSTOMIZE SUPPORT LEVELS VIA BLUETOOTH.
<b>DISPLAY</b>	DYNAMIC EASY TO READ LCD; WIRELESSLY CUSTOMIZE PREFERENCES VIA BLUETOOTH; SPECIFICALLY DESIGNED TO BE COMPACT AND DURABLE FOR MTB RIDING.
<b>SWITCH UNIT</b>	SHIMANO STEPS EP8 SWITCH UNIT; ERGONOMIC DESIGN WITH INTUITIVE OPERATION; CUSTOMIZABLE VIA E-TUBE PROJECT.
<b>TOP SPEED</b>	20 MPH WITH MOTOR ASSISTANCE ONLY.

## Drivetrain

<b>CHAIN GUIDE</b>	SHIMANO SM-CDE800 CHAIN DEVICE.
<b>REAR DERAILLEUR</b>	SHIMANO RD-M8100 12-SPEED; INTEGRATED CLUTCH FOR MAXIMUM CHAIN RETENTION; RIDER TUNED FOR SHARP AND SILKY SHIFTS; MODEL NO: RD-M8100-SGS.
<b>CASSETTE</b>	SHIMANO XT M8100 12 SPEED HYPERGLIDE+ 10-51T; WIDE RANGE AND SMOOTH GEAR STEPS FOR 1X12; DESIGNED FOR AGGRESSIVE TRAIL RIDING; MODEL NO: CS-M8100-12t.
<b>SHIFTERS</b>	SHIMANO XT M8100 RAPIDFIRE PLUS 12 SPEED SHIFT LEVER; 20% LIGHTER SHIFTS WITH 2-WAY RELEASE; I-SPEC EV; MODEL NO: SL-M8100-R.
<b>BOTTOM BRACKET</b>	SHIMANO HOLLOWTECH II 24MM HOLLOW STEEL SPINDLE; INTEGRATED DUAL TORQUE SENSORS.
<b>CHAIN</b>	SHIMANO CN-M8100-12 SPEED.
<b>CRANK</b>	SHIMANO 3 PIECE CRANKS; SHIMANO DIRECT MOUNT 36T 3/32" CHAINRING WITH DYNAMIC CHAIN ENGAGEMENT; 165MM FORGED ALUMINUM CRANK ARMS.
<b>PEDALS</b>	CRANK BROTHERS STAMP 1 LARGE PLATFORM PEDAL; 9/16" FULLY SEALED AXLE; NYLON COMPOSITE BODY WITH REPLACEABLE STEEL TRACTION PINS; 100% SERVICEABLE. BEARING AND BUSHING SYSTEM.

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# SPECIFICATIONS

## Brakes

<b>CALIPERS</b>	SHIMANO XT M8120 HYDRAULIC DISC BRAKE CALIPER; 4-PISTON CALIPER PROVIDES CONSISTENT BRAKING PERFORMANCE AND RELIABLE STOPPING POWER IN ALL CONDITIONS; MODEL NO: BR-8120.
<b>LEVERS</b>	SHIMANO XT M8100 HYDRAULIC DISC BRAKE LEVER; SLEEK AND RESILIENT MASTER CYLINDER DESIGN; SERVOWAVE HIGH POWER BRAKE; MODEL NO: BL-M8100.
<b>PADS</b>	SHIMANO N03A-RF RESIN BRAKE PADS; LOW NOISE WITH EXCELLENT POWER MODULATION.
<b>ROTORS</b>	FRONT: SHIMANO DEORE RT64 203MM CENTERLOCK DISC ROTOR; COMPATIBLE WITH SHIMANO METAL AND RESIN BRAKE PADS REAR: SHIMANO DEORE RT-EM600 203MM CENTERLOCK DISC ROTOR; INTEGRATED SPEED SENSOR MAGNET; COMPATIBLE WITH SHIMANO METAL AND RESIN BRAKE PADS.

## Components

<b>FRAME</b>	6061-T6 ALUMINUM ALLOY; 1 1/8"-1 1/2" TAPERED HEAD TUBE; 151MM TRAVEL FOUR BAR HORST LINK REAR SUSPENSION; INTEGRATED INTERNAL DOWNTUBE BATTERY; INTERNAL CABLE AND WIRE ROUTING.
<b>FORK</b>	ROCKSHOX REVELATION RC 29"; 150MM TRAVEL DEBONAIR SPRING; 35MM ALUMINUM STANCHIONS; 1 1/8"-1 1/2" TAPERED STEERER TUBE; 15X110MM MAXLE LITE; COMPRESSION DAMPING ADJUSTMENT WITH HYDRAULIC LOCKOUT; REBOUND DAMPING ADJUSTMENT
<b>REAR SHOCK</b>	ROCKSHOX SUPER DELUXE SELECT+ RT; EYE-TO-EYE 205MM; SHOCK TRAVEL 65MM; TRUNNION MOUNT; PEDAL COMPRESSION SWITCH; REBOUND DAMPING ADJUSTMENT.
<b>HEADSET</b>	BLACK ZERO STACK SEMI-INTEGRATED; SEALED CARTRIDGE BEARINGS; 1 1/8" - 1 1/2" THREADLESS TAPERED; ZS44/28.6   ZS56/40.
<b>SEATPOST</b>	SDG TELLIS 30.9MM DROPPER SEATPOST WITH INTEGRATED SADDLE RAIL CLAMP; ON-THE-FLY SADDLE HEIGHT ADJUSTMENT WITH UP TO 125MM OF DROP.
<b>SADDLE</b>	SDG BEL-AIR V3 MAX.
<b>RIMS</b>	CRANK BROTHERS 29" RIM; 31.5MM INTERNAL WIDTH; 6013-T6 SERIES ALLOY; FRONT: 28 HOLE; REAR: 32 HOLE.
<b>SPOKES</b>	FRONT: SAPIM E-LIGHT; REAR: SAPIM STRONG.
<b>GRIPS</b>	SDG THRICE 33MM INTEGRATED LOCK-ON GRIPS.
<b>HANDLEBAR</b>	FSA COMET OS35; ALUMINUM ALLOY; 35.0MM STEM CLAMP DIAMETER; 8° BACKSWEEP, 5° UPSWEEP; 25MM RISE; 760MM WIDTH.
<b>STEM</b>	FSA COMET OS35; 50MM LENGTH; 0° RISE; 35.0MM HANDLEBAR CLAMP DIAMETER; 1 1/8" (28.6MM) THREADLESS STEERER TUBE CLAMP DIAMETER.
<b>TIRES</b>	FRONT: MAXXIS ASSEGAI 29" X 2.6"; 3C MAXX TERRA RUBBER COMPOUND; TUBELESS READY; 60 TPI CASING / FOLDING BEAD; EXO+ SIDEWALL PUNCTURE PROTECTION; PRESTA VALVE REAR: MAXXIS MINION DHR2 29" X 2.6"; 3C MAXX TERRA RUBBER COMPOUND; TUBELESS READY; 60 TPI CASING / FOLDING BEAD; EXO+ SIDEWALL PUNCTURE PROTECTION; PRESTA VALVE

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# SPECIFICATIONS

## Extras

### E-TUBE PROJECT

PROPRIETARY SHIMANO APPLICATION ALLOWS YOU TO UPDATE SYSTEM FIRMWARE AND CHANGE SETTINGS WHEN CONNECTED TO A SMARTPHONE OR TABLET.

## Weight

### BIKE (NO BATTERY)

SMALL: 48 LB; MEDIUM: 48.5LB; LARGE: 49LB.

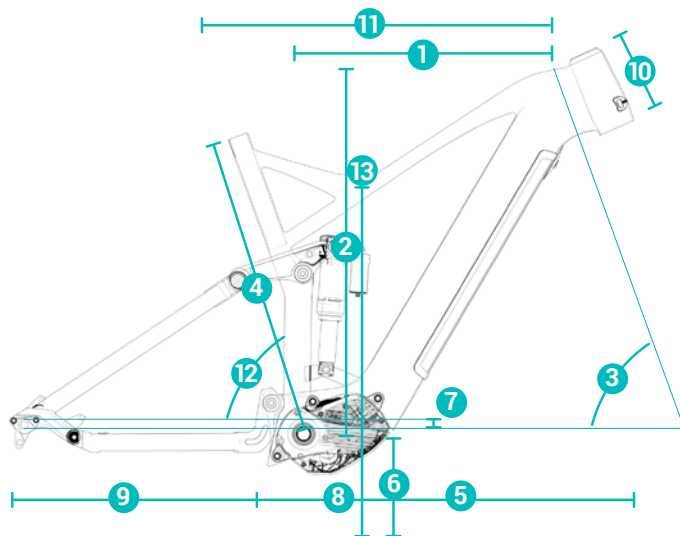
### BATTERY

36V/14Ah: 6.2LB.

*\*All bicycle weights do not include a battery. Due to manufacturing tolerances of the individual components the overall bike weight may vary +/- 5%.*

# DIMENSIONS

## Elevate



	SMALL	MEDIUM	LARGE
1. REACH	16.60"	17.19"	18.32"
2. STACK	24.73"	24.73"	24.91"
3. HEAD TUBE ANGLE	66°	66°	66°
4. SEAT TUBE LENGTH	15.98"	17.99"	20"
5. FRONT CENTER	29.6"	30.1"	31.4"
6. BB HEIGHT	14.35"	14.35"	14.35"
7. BB DROP	0.59"	0.59"	0.59"
8. WHEELBASE	47.85"	48.44"	49.65"
9. REAR CENTER	18.31"	18.31"	18.31"
10. HEAD TUBE LENGTH	5.12"	5.12"	5.31"
11. TOP TUBE LENGTH	23.23"	23.82"	25"
12. SEAT TUBE ANGLE	75°	75°	75°
13. STANDOVER HEIGHT	30"	30.24"	30.9"
FIT	5'2"-5'6"	5'6"-5'10"	5'10"-6'1"

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