

FELT
BICYCLES

E BIKE
PRODUCT LINE

2018





A TECHNOLOGY-DRIVEN HISTORY

Felt electric bikes are defined by the technology and innovation for which the brand is lauded by cyclists around the world. As a California company, we're graced with year-round sunshine and pristine riding conditions, allowing us to continually refine our design and production processes, and the push the limits of what bicycles can offer all types of riders. As with each and every bike that Felt creates, our goal is to give riders their ideal bike, whether they're tackling their local trail, enjoying a weekend road ride, or seeking the most efficient commute possible.

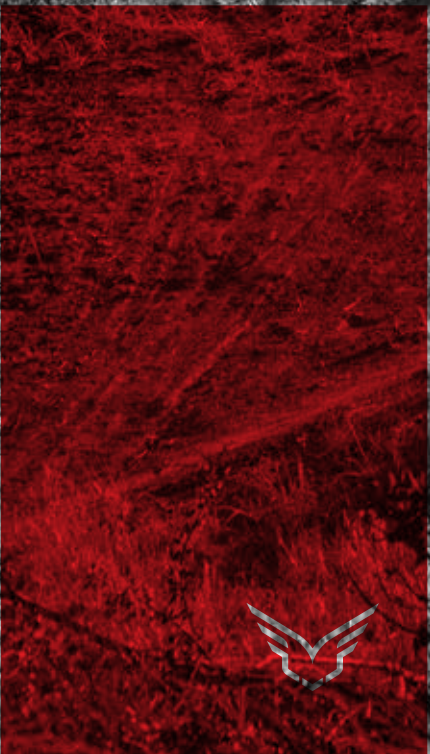
Felt technologies take center stage in the company's complete line of electric bikes, which have been engineered to help riders conquer any climb and any descent with maximum confidence. Contemporary attributes like finely tuned geometry further enhance the integration between frame and components, which increases handling prowess, stability, adjustability, and comfort. Felt electric bikes feature the latest drivetrain technology from Shimano, featuring integrated batteries, extended ranges, and industry-leading reliability.

Because Felt Bicycles is a company that's comprised of dedicated and enthusiastic cyclists, we know that the only thing that truly matters is the ride. That's why the efforts of Felt's engineers have resulted in a range of electric bikes that simply do one thing—perform. Whether they are bombing down technical singletrack or enjoying a leisurely ride with friends, Felt riders are the most well equipped on the road, trail, and beyond.

SHIMANO STEPS DRIVE UNIT



- MAX ASSIST SPEED: 20MPH
- GEAR DRIVEN FOR RELIABILITY
- LIGHTER WEIGHT THAN THE COMPETITION
- 3 RIDING ASSIST MODES: ECO, TRAIL, BOOST





REDEMPTION **E**

Inspired by Felt's popular race-ready, dual-suspension mountain bike, the Redemption-e elevates the fun of hitting the trails by adding the freedom of pedal-assist technology, allowing you to ride farther and faster than ever before. The Redemption-e's lightweight frame and premium selection of off-road parts were all designed to give you the highest level of comfort and performance, along with the confidence to tackle the toughest terrain. With an integrated 500wh battery, the Redepmtion-e is ready for a full day of exploring local trails, hitting the backcountry, and seeking out and conquering the most technical terrain.

REDEMPTION E30



FINISH
Storm Grey (Black)

SIZES
SM (16"), MD (18"), LG (20"), XL (22")



FRAME Felt 27.5+ Redemption, Shimano E-Bike specific All-Mountain, double-buttet 6061 aluminum, Hydroform, 140mm travel, Fully integrated battery, ControlTaper head tube, disc brake specific, replaceable derailleur hanger, Boost 12 / 148mm, full internal cable routing, Ø30.9mm seatpost size

SHOCK Rock Shox DELUXE RT, DEBONAIR, 185X52.5 Trunnion mount

FORK Rock Shox Yari RC Solo Air, E-Bike specific 150mm Boost 15 / 110mm thru axle

HEADSET FSA No.57 semi-integrated tapered head-set, external lower cup: ACB water sealed bearings, w/ Felt Tornado aluminum top cap

STEM DEVOX MTB 3D-forged threadless 1-1/8" 0° rise for Ø31.8mm handlebar w/ Cr-Mo bolts: S/M/L /XL = 35mm

HANDLEBAR DEVOX E-MTB 6061 riser, Ø31.8mm, 25mm rise x 9° back sweep (780mm), Custom internal wire routing

GRIPS DEVOX Pauley Grip

SHIFTERS Shimano SLX 11-speed

REAR DERAILLEUR Shimano XT 11-speed Shadow Plus

CRANKSET Shimano E8050 aluminum crank arms S/M/L - 170mm, XL - 175mm

BOTTOM BRACKET Shimano e8000 MTB drive, 250 W output, 20 mp/h

BATTERY Shimano E8020 500Wh integrated battery pack

CHAIN Chain X11

CHAIN GUIDE MRP E-Guide

FREEWHEEL/CASSETTE Shimano SLX 11-speed, 11-46T

BRAKE LEVER Shimano SLX

FRONT BRAKE Shimano SLX M7000 203mm rotor

REAR BRAKE Shimano SLX M7000 180mm rotor

SADDLE WTB Volt Race w / Cr-Mo rails

SEATPOST KS Integra S - 100mm M-125 L / XL -150

SEATPOST CLAMP Aluminum 6061 cold-forged w/ Cr-Mo bolt, Ø34.9mm

RIMS/WHEELSET WTB Scraper i35 27.5 x 35mm

FRONT HUB Shimano Deore, 32H, Centerlock, Boost 15 / 110mm thru axle

REAR HUB Shimano Deore, 32H, Centerlock, Boost 12 / 148mm thru axle

TIRES Maxxis Minion DHF, Dual 27.5x2.8 Maxxis High Roller 2, Dual 27.5x2.8

**FINISH**

Olive Green (Black)

SIZES

SM (16"), MD (18"), LG (20"), XL (22")



FRAME Felt 27.5+ Redemption, Shimano E-Bike specific All-Mountain, double-buttet 6061 aluminum, Hydroform, 140mm travel, Fully integrated battery, ControlTaper head tube, disc brake specific, replaceable derailleur hanger, Boost 12 / 148mm, full internal cable routing, Ø30.9mm seatpost size

SHOCK Rock Shox DELUXE R, DEBONAIR, 185X52.5 Trunnion mount

FORK SR Suntour Aion, Air, E-Bike specific 150mm, Boost 110mm thru axle

HEADSET FSA No.57 semi-integrated tapered headset, external lower cup: ACB water sealed bearings, w/ Felt Tornado aluminum top cap

STEM DEVOX MTB 3D-forged threadless 1-1/8" +/- 0° rise for Ø31.8mm handlebar w/ Cr-Mo bolts: S/M/L /XL = 35mm

HANDLEBAR DEVOX E-MTB 6061 riser, Ø31.8mm, 25mm rise x 9° back sweep (780mm), Custom internal wire routing

GRIPS DEVOX Pauley Grip

SHIFTERS Shimano Deore 10-speed

REAR DERAILLEUR Shimano Deore10-speed Shadow Plus

CRANKSET Shimano E8000 aluminum crank arms S/M /L - 170mm, XL - 175mm

BOTTOM BRACKET Shimano e8000 MTB drive, 250 W output, 20 mp/h

BATTERY Shimano E8020 500Wh integrated battery pack

CHAIN KMC X10

CHAIN GUIDE MRP E-Guide

FREEWHEEL/CASSETTE Shimano HG500 11-42 10 speed

BRAKE LEVER Shimano Deore

FRONT BRAKE Shimano Deore M6000 203mm rotor

REAR BRAKE Shimano Deore M6000 180mm rotor

SADDLE DEVOX MTB saddle

SEATPOST KS E-ten I
S /M - Ø30.9 x 342mm - 100mm travel
L / XL - Ø30.9 x 392mm - 125mm travel

SEATPOST CLAMP Aluminum 6061 cold-forged w/ Cr-Mo bolt, Ø34.9mm

RIMS/WHEELSET DEVOX E-MTB Double wall, tubeless ready, 27.5x35mm inner width

FRONT HUB Forged alloy 32H, Centerlock, Boost 15 / 110mm thru axle

REAR HUB Forged alloy, 32H, Centerlock, Boost 12 / 148mm thru axle

TIRES Maxxis Minion DHF, Dual 27.5x2.8
Maxxis High Roller 2, Dual 27.5x2.8



SURPLUS E

Wider tires equal increased traction, greater stability and more fun. That's what the Surplus-e is all about. Built around a rugged yet lightweight 6061 aluminum frame, the Surplus-e features the 27.5+ wheel platform prized by riders looking to enhance their ride quality with bigger tires to tackle tougher terrain without sacrificing the impeccable handling characteristics for which Felt hardtail mountain bikes are known. With a powerful, efficient, and long-lasting electric motor, the Surplus-e is everything you want in a mountain bike, and more.



SURPLUS E50



FINISH

Storm Grey (Black, Red)

SIZES

S (16"), M (18"), L (20"), XL (22")



FRAME Felt 27.5+ Surplus-e Shimano Specific E-Bike frame, Fully integrated down tube, Boost 148x12mm rear OLD and slacker head angle, post mount disc, Ø30.9mm seatpost size

FORK Rock Shox Recon RL Solo Air, E-Bike specific 130mm Boost 15 / 110mm thru axle

HEADSET FSA integrated sealed cartridge bearing, No.42ACB-A, 1.125" - 1.5"

STEM DEVOX MTB 3D-forged threadless 1-1/8" +/- 0° rise for Ø31.8mm handlebar w/ Cr-Mo bolts: S/M/L /XL = 35mm

HANDLEBAR DEVOX E-MTB 6061 riser, Ø31.8mm, 25mm rise x 9° back sweep (780mm), Custom internal wire routing

GRIPS DEVOX Pauley Grip

SHIFTERS Shimano Deore 10-speed

REAR DERAILLEUR Shimano Deore 10-speed Shadow Plus

CRANKSET Shimano E8000 aluminum crank arms S/M/L - 170mm, XL - 175mm

BATTERY Shimano E8020 500Wh integrated battery pack

BOTTOM BRACKET Shimano e8000 MTB drive, 250 W output, 20 mp/h

CHAIN KMC X10

FREEWHEEL/CASSETTE Shimano Deore10-speed Shadow Plus

BRAKE LEVER Shimano M365

FRONT BRAKE Shimano M365 hydraulic: 180mm rotor

REAR BRAKE Shimano M365 hydraulic: 180mm rotor

SADDLE DEVOX MTB saddle

SEATPOST DEVOX 2-bolt micro adjust, 6061 aluminum, one piece design Ø30.9mm x 15mm offset: S = 350mm, M - XL = 400mm

SEATPOST CLAMP Felt single clamp with titanium bolt, Ø34.9mm

RIMS/WHEELSET DEVOX E-MTB Double wall, tubeless ready, 27.5x35mm inner width

FRONT HUB Forged alloy 32H, Centerlock, Boost 15 / 110mm thru axle

REAR HUB Forged alloy, 32H, Centerlock, Boost 12 / 148mm thru axle

TIRES Maxxis Rekon +, Dual, 27.5x2.8



VERZA E

With a timeless design inspired by classic European city bikes, the Verza-e is the perfect bike for getting around town quickly and in style. The durable frame features a step-thru design, which makes it easy to mount and dismount, and gives you more control and stability. Its suspension fork elevates the already comfortable ride quality, and the Shimano electric pedal-assist system provides maximum range and efficiency. Hydraulic brakes provide plenty of stopping power for all riders in any riding condition, enhancing confidence and handling no matter where the Verza-e takes them.



VERZA E30



FINISH

Matte Steel Blue (Silver, Lime Reflective)

SIZES

XS, S, M, L



FRAME Felt step thru Shimano e-bike design, double butted 6061 aluminum: Hydroform down tube, Dynaform seat & chain stays, ControlTaper headtube, Integrated rack, kickstand & Basta lock mount, full internal cable routing, disc-brake specific

FORK SR Suntour SF14-NCX-D DS LO 1 1/8" steerer, hydr Lockout, coil spring w/preload adjust, 63mm travel: aluminium lowers & crown, STKM stanchions & steerer, post mount

HEADSET FSA No. 42/ACB-1-A 1.125" - 1.5" integrated Aheadset with reducer fork crown race to 1.125": ACB water sealed bearings, w/ Felt Tornado aluminum top cap, custom, custom 1 x 15mm curved, 3 x 5mm & 2 x 10mm straight washers

STEM Felt VERZAe adjustable 3D-forged aluminum w/ 4-bolt handlebar clamp, 1-1/8" threadless: Ø31.8mm handlebar, adjustment range 0- 60°, w/ black Cr-Mo hardware XS/ S = 70mm, M = 90mm, L = 110mm

HANDLEBAR Felt VERZAe double butted aluminum trekking style bar: Ø31.8mm, 30° sweep XS/S = 660mm, M/L = 680mm

GRIPS Felt ergo grip dual-density Kraton rubber, wing-style

SHIFTERS Shimano Acera SL-M390 9-speed Rapid Fire

REAR DERAILLEUR Shimano Deore RD-M591-SGS Shadow: long cage

CRANKSET Shimano E6000 aluminum crank arms S - 170mm, M / L / XL - 175mm

BOTTOM BRACKET Shimano e6000 drive, 250 W output, 25 km/h

BATTERY Shimano E6000 500Wh

PEDALS VP-615 Felt design, low profile body, PP cage & body, taper head Cr-Mo axle

CHAIN KMC X9

FREEWHEEL/CASSETTE Shimano CS-HG 40 9-speed cassette, 11-34T

BRAKE LEVER Shimano M315

FRONT BRAKE Shimano M315 hydraulic: 160mm 6-bolt rotor

REAR BRAKE Shimano M315 hydraulic: 160mm 6-bolt rotor

SADDLE Felt VERZAe design comfort gel: unisex fit w/ dual density base

SEATPOST Felt twin clamp micro adjust 6061 aluminum, Ø27.2mm XS = 250mm S - L = 300mm

SEATPOST CLAMP Felt bolt type 6061 aluminum w/ Cr-Mo bolt, Ø31.8mm

RIMS/WHEELSET Alexrims MD19 double-wall aluminum disc brake, single eyelets

FRONT HUB Shimano HB-M475, 32H: 6-bolt disc mount w/ Shimano QR lever

REAR HUB Shimano FH-M475 8/9/10-speed cassette, 36H: 6-bolt disc mount w/ Shimano QR lever

TIRES Schwalbe Energizer KevlarGuard, reflective sidewall, 700x38c w/ presta valve tubes

KICKSTAND Felt KSA 40 style kickstand: rear dropout mount

ACCESSORIES B&M Lumotec IQ Eyc DC 45Lux headlight



SPORT E

With an upright handlebar position for optimal comfort and precision handling, the Sport-e is an ideal companion for your daily commute. But with a rigid frame designed for high-performance riding, the Sport-e is also a great choice for weekend workouts, cruises around town and running errands quickly and efficiently. Its Shimano electric motor provides even weight distribution for a stable ride, as well as perfect pedal assistance when charging up steep hills and challenging city streets. A suspension fork softens vibrations, chatter and big hits from the road, enhancing comfort and improving stability and control.



SPORT E50



FINISH

Matte Pewter (Red,Black)

SIZES

44, 48, 52, 55, 58cm



FRAME Felt Sport-e suspension Shimano e-bike design, double datted 6061 aluminum: Hydroform down tube, Dynaform seat & chain stays, ControlTaper headtube, Integrated kickstand & Basta lock mount, full internal cable routing, disc-brake specific

FORK SR Suntour SF14-NCX-D DS LO CTS tapered steerer, hydr Lockout, coil spring w/preload adjust, 63mm travel: aluminium lowers & crown , STKM stanchions & steerer, post mount

HEADSET FSA No. 42 1.125" - 1.5" integrated Aheadset: ACB water sealed bearings, w/ Felt Tornado aluminum top cap, custom, custom 1 x 15mm curved, 3 x 5mm & 1 x 10mm straight washers

STEM Felt QX SL design 3D-forged aluminum w/ 4-bolt handlebar clamp, 1-1/8" threadless: Ø31.8mm handlebar, 7° rise, w/ black Cr-Mo hardware
44cm = 70mm
48cm = 80mm
52cm = 90mm
55cm = 100mm
58cm = 110mm

HANDLEBAR Felt QX 6061 double butted aluminum riser bar: Ø31.8mm, 25mm rise x 9° sweep
44 - 48cm = 620mm width
52 - 58cm = 640mm width

GRIPS Felt ergo grip dual-density Kraton rubber, wing-style

SHIFTERS Shimano Acera SL-M390 9-speed Rapid Fire

REAR DERAILLEUR Shimano Deore XT RD-SGS Shadow: long cage

CRANKSET Shimano E8000 aluminum crank arms 44- 170mm, 48-58 - 175mm

BOTTOM BRACKET Shimano e8000 drive, 250 W output, 25 km/h

BATTERY Shimano E8010 500Wh

CHAIN SRAM KMC X9

FREEWHEEL/CASSETTE Shimano CS-HG 40 9-speed cassette, 11-34T

BRAKE LEVER Shimano M315

FRONT BRAKE Shimano M315 hydraulic: 160mm 6-bolt rotor

REAR BRAKE Shimano M315 hydraulic: 160mm 6-bolt rotor

SADDLE Felt design low profile: w/ comfort fit padding, Cr-Mo rails

SEATPOST Felt twin clamp micro adjust 6061 aluminum, Ø27.2mm x 300mm

SEATPOST CLAMP Felt bolt type 6061 aluminum w/ Cr-Mo bolt, Ø31.8mm

RIMS/WHEELSET Alexrims MD19 double-wall aluminum disc brake, single eyelets

FRONT HUB Shimano HB-M475, 32H: 6-bolt disc mount w/ Shimano QR lever

REAR HUB Shimano FH-M475 8/9/10-speed cassette, 36H: 6-bolt disc mount w/ Shimano QR lever

TIRES Schwalbe EnergizerLife KevlarGuard, reflective sidewall, 700x35c w/ presta valve tubes

KICKSTAND Felt KSA 40 style kickstand: rear dropout mount

ACCESSORIES LED 50 Lux DC headlight, LED DC rear light w/Linetec

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