

Husqvarna Motorcycles EE 1.12, EE 1.16 and EE 1.20

Media Information

Powering up the next generation of riders

Husqvarna Motorcycles now has the answer for every young rider who wants to make the leap from pedal to motorised power. The launch of the all-new Husqvarna Motorcycles EE 1.20 by STACYC™ means there is an electric balance bike in the line-up for every child up to 12 years old under 52 kg. The previously introduced EE 1.12 and EE 1.16 already meet the challenge for the youngest learner riders.

Some children might find it tricky getting to grips with a motorised minicycle. With the Husqvarna Motorcycles EE 1.12, EE 1.16 and new EE 1.20 by STACYC™, young enthusiasts will quickly and easily learn how to control a twist throttle on electric balance bikes. The powered two-wheel journey starts with the EE 1.12, then the EE 1.16 takes them further, faster, while the arrival of the EE 1.20 closes the gap to larger, quicker machinery.

Husqvarna Motorcycles EE 1.12, EE 1.16 and EE 1.20

The Husqvarna Motorcycles replica electric balance bikes offer a unique opportunity to share the sport of motorcycling with the young riders of tomorrow. They can look just like their Rockstar Energy Husqvarna Factory Racing heroes, complete with race numbers and graphics, while mastering balance and throttle control as they prepare to graduate to a larger platform. The next step in their riding journey is made easy aboard the Husqvarna Motorcycles EE 3 and EE 5, as they feature adjustable height and six selectable power modes to keep them ripping.

Colour, trim and graphics

- Colour and graphics inspired by the Husqvarna Motorcycles factory machines

Quick change Lithium-Ion battery

- Removable power tool style interface
- Allows additional batteries to be used for extended ride time
- Technology that is easy for all family members to maintain and manage

Twist throttle

- True power curve built into throttle programming
- Teaches child how to operate a twist throttle and manage power output
- Not a push-button toy or on/off power curve

Light weight – 7.7, 9 and 15 kg

- Children can pick up bike and manage on their own after a fall or dropped bike
- Children are quickly able to build skill as they can handle the bike as it is less than half their body weight

- All family members are able to manage, as bike is easily transported in back of car

Husqvarna Motorcycles EE 1 range > bicycle

With weight relative to a BMX bike, and the eliminated need for pedalling, young riders gain the ability to learn bike handling skills while in motion, accelerating confidence early on. Although footrests are in place for support, riders will find themselves easily able to touch the ground comfortably. All of these fun benefits facilitate young riders wanting to ride longer than on a traditional pedal bike.

Husqvarna Motorcycles EE 1.12

The Husqvarna Motorcycles EE 1.12 is the perfect choice for kids with little experience on a balance bike. Children should have an inseam of 35 cm or more to adequately touch the ground with a slight bend in the knees for optimum sizing. They can learn to push, balance, and coast in the non-powered mode and graduate to the powered mode as they show proficient use and understanding of the brake and the ability to coast and brake while standing. Starting with a speed similar to what they can push the non-powered version at, they learn the use of the twist throttle. As they continue to develop skills, the medium speed of the EE 1.12 allows for an exceptional amount of fun outdoors, providing thousands of hours of hand-eye coordination, balance, and outdoor exercise.

Purpose built

- 12" composite wheels with pneumatic tyres
- Seat height: 33 cm
- Weight: 7.7 kg with battery
- Frame: Aluminium tig welded
- Fork: Steel, BMX style

Proprietary drive system

- Power selection modes:
 - Low/Training mode ~ 8 km/h
 - Med/Transitional Mode ~ 11 km/h
 - High/Advanced Mode ~ 14 km/h
- Thermal protection for motor and controller
- BMX chain and freewheel

Industrial grade Lithium-Ion battery and charger

- Quick disconnect/connect battery
- 20 Vmax voltage (18 Vnom)
- 2 Ah
- Up to 60 minutes run time
- 30-60 minutes charge time. Run time is entirely dependent on terrain, hills, and skill level. Run times are estimates and can vary.

Husqvarna Motorcycles EE 1.16

The Husqvarna Motorcycles EE 1.16 comes stock with a high-output brushless motor. The upgraded motor packs a punch with additional low-end power and torque allowing for more aggressive riding on more varied terrain.

The Husqvarna Motorcycles EE 1.16 is the perfect choice for children with some experience on an electric balance bike and who are a little taller and/or more familiar with riding STACYC™ and need a larger platform. Kids should have an inseam of 45 cm or more to adequately touch the ground with a slight bend in the knees for optimum sizing. They can learn to push, balance, and coast in the non-powered mode and graduate to the powered mode as they show proficient use and understanding of the brake and the ability to coast and brake while standing. Starting with a speed similar to what they can push the non-powered version at, they learn the use of the twist throttle. As they continue to develop skills, the medium speed of the EE 1.16 allows for an exceptional amount of fun outdoors, providing thousands of hours of development of hand/eye coordination, balance, as well as outdoor exercise.

Purpose built

- 16" composite wheels with pneumatic tyres
- Seat height: 43 cm
- Weight: 9 kg with battery
- Frame: Aluminium tig welded
- Fork: Steel, BMX style

Proprietary drive system

- High-output brushless motor
- Power selection modes:
 - Low/Training mode ~ 8 km/h
 - Med/Transitional Mode ~ 12 km/h
 - High/Advanced Mode ~ 21 km/h
- Thermal protection for motor and controller
- BMX chain and freewheel

Industrial grade Lithium-Ion battery and charger

- Quick disconnect/connect battery
- 20 Vmax voltage (18 Vnom)
- 4 Ah
- Up to 60 minutes run time. Run time is entirely dependent on terrain, hills, and skill level. Run times are estimates and can vary.
- 45-60 minutes charge time

Husqvarna Motorcycles EE 1.20

All of the necessary skills that form the basis of powered two-wheeler riding can be honed on the Husqvarna Motorcycles EE 1.20. Once satisfied children can push, balance and coast with the power off, it is time to switch on the 36 V motor to work on throttle control and go feet up on the tapered footrests.

The Low/Training power mode caps top speed at a manageable 16 km/h, and at just 15 kg, the EE 1.20 is light enough to push and lift. Provided the young rider has an inseam of 60 cm or more, they will be able to get both feet on the ground.

As confidence and control develop, there are two quicker power settings, topping out at 32 km/h in the High/Advanced mode. Hydraulic brakes front and rear guarantee safe, composed stopping, while Innova pneumatic tyres on 20" wheels provide confident grip as the young rider masters their machine.

Husqvarna Motorcycles EE 1.20 by STACYC™ embodies everything that motorcycling should be: fun, thrilling and stylish. This all-new model is the perfect bridge from the smaller EE 1.16 to the EE 3 and EE 5 electric minicycles once junior riders have the confidence to test their newfound skills at the motocross track.

Purpose built

- Perfect for 10-12 years old under 52 kg
- Seat height: 58.4 cm to suit 61-66 cm inside leg
- Weight: 15 kg including battery
- 36 V motor platform with proprietary Cush Drive
- Full aluminium TIG-welded frame with proprietary shaped tubes
- New design allows users to access the drivetrain through the front
- 20" wheels with Innova pneumatic tyres
- Hydraulic brakes front and rear
- Manitou J-Unit Machete front fork, 80 mm travel
- Proprietary throttle assembly with STACYC – custom grips
- Custom 19 mm handlebar
- Displays power mode and battery level simultaneously
- Power selection modes
 - Low/Training mode ~ 16 km/h
 - Med/Standard mode ~ 24 km/h
 - High/Advanced mode ~ 32 km/h

Industrial grade Lithium-Ion battery and charger

- Quick connect/ disconnect battery
- Offers best heat dissipation and performance in lab tests
- 36 V platform (40 Vmax, 36 Vnom) 6Ah – 18650 battery
- 30-60 minutes run time. Run time is entirely dependent on terrain, hills, and skill level. Run-times are estimates and can vary.
- 3 hr charge time
- Industrial grade charger included

Apparel

Junior riders can dress for their offroad adventures with Husqvarna Motorcycles, too. For optimum safety and unrestricted performance, a comprehensive Functional Offroad Apparel Collection, produced specifically for the champions of tomorrow, combines innovative technical features for improved comfort, protection, and style. Included in this are a uniquely designed helmet and shirt for riders of the EE 1.12, EE 1.16 and EE 1.20.

Kids Gravity eDrive Helmet

Produced exclusively by Leatt for Husqvarna Motorcycles for riders of the EE 1 range, this kids offroad helmet has a shell appropriately sized for younger heads. The moisture-wicking inner lining and cheek pads are removable and washable. Peak is screw-adjustable.

Kids Railed eDrive Shirt

This performance offroad shirt for kids is up to every challenge. Finely ventilated PE fabric and mesh inserts keep junior riders cool. Raglan sleeves allow essential freedom of movement. while UV-resistant and fade-proof sublimation prints keep the shirt looking new and fresh for longer.