



EE 5 2025

Media information



For 2025, Husqvarna Mobility will launch a new generation of the popular EE 5 minicycle, which now features water-cooling to extend running time by 30%.

The concept of the EE 5 is unchanged and remains as a fully-fledged offroad motorcycle designed for beginners and recreational riders. Additionally, by producing next-to-zero sound emissions, the EE 5 is more accepted in areas where restrictions are in place.

One of the main and unique selling points of the EE 5 is the adjustable ergonomics. The machine can be altered in height as riders grow to retain the best ergonomics possible.

The performance and versatility of the EE 5 ensures Husqvarna Mobility leads the way when it comes to the development of electric motocross machinery.

The exciting model is a competition-ready minicycle built using the most advanced and innovative technology to deliver a class-leading rider experience.

Technical highlights

MODERN CHASSIS AND WP SUSPENSION

ADJUSTABLE ERGONOMICS AND SEAT HEIGHT

STATE-OF-THE-ART, WATER-COOLED ELECTRIC MOTOR WITH A PEAK POWER OF 5 kW

907 WH LI-ION BATTERY

PROVEN, RACE-TESTED COMPONENTS

SIX DIFFERENT RIDE MODES



Features and benefits

Electric motor

Peak power à 5 kW

To prevent performance reduction when the motor is hot, the EE 5 now features water cooling for the very first time. To enable this technology, the existing, proven motor was lightly modified. Additionally, there is a larger diameter copper-winding to reduce winding-losses.

During testing, the introduction of water-cooling enabled an extended riding time of 30% in comparison to the previous model year without any performance limitations.

The coolant pump is controlled directly by the battery and only operates while the EE 5 is activated.

Battery

The EE 5 is fitted with a reliable and proven, 907 Wh Li-Ion battery that allows for an approximate riding time of 30 minutes when the highest ride mode is engaged.

The integrated Battery Management System (BMS) ensures the safety and longevity of the battery pack. A new cable plug prevents the battery from being fitted on a MY24 or older EE 5.



Multi-functional instrument

A clearly visible multi-functional instrument is conveniently located between the steering head and the seat. In addition to riders or parents being able to engage one of six different ride modes, with options to suit pure beginners through to advanced riders, the instrument also displays the remaining battery charge.

Charger

The external, 900 W, worldwide charger can be connected to any 110 or 230-Volt socket and plugs directly into the battery pack for easy charging.

- Charging time 0 - 80% = 45 minutes
- Charging time 0 - 100% = 70 minutes

Safety

The EE 5 is fitted with a roll-over sensor to cut the power in the event of a crash or when the machine is laid down on its side. Additionally, the selected ride mode can be locked by using a dongle positioned beneath the seat. This prevents enthusiastic young riders from selecting a more powerful mode on their own.

Bodywork

The EE 5 bodywork is designed in line with the full-size motocross range. This means that smaller riders can experience the same ergonomic feeling, which instils confidence and provides comfort in all riding conditions. Additionally, the ergonomics allow youngsters to ride comfortably for extended periods of time. Distinctive graphics, together with blue and white bodywork, ensures the EE 5 is easily distinguishable by its unique appearance.

Frame

The high-strength chromium-molybdenum steel frame is specifically designed to house the electric drivetrain and integrates carefully calculated parameters of longitudinal flex and torsional rigidity. This aids overall handling and suspension functionality, which leads to easy handling and precise cornering, together with outstanding stability. For MY25, the frame has been fully redesigned to improve strength, handling, and to introduce a new mounting point for the WP shock. This allows a more sensitive operation of the rear suspension.

To save overall weight, the subframe is primarily built using reinforced fibreglass, which has proven to be highly reliable since the EE 5 was introduced.



WP XACT front suspension

Featuring advanced suspension technology, the EE 5 is equipped with WP XACT 35 mm forks. Besides being very low in weight, the 35 mm forks provide exceptional damping and comfort characteristics for riders of all abilities. Offering 205 mm of wheel travel, the WP forks are ready to master the most challenging track conditions.

WP XACT rear suspension

Linked directly to the swingarm, the WP shock is matched perfectly to the front forks for the very best balance and damping characteristics. Additionally, the rear shock offers 185 mm of suspension travel. The WP shock continues to be fully adjustable in terms of preload, high and low speed compression, and rebound, to ensure riders can create a personalised set-up.

Brakes

Featuring the same level of technology found on the full-size motocross range, the EE 5 is fitted with hydraulically operated brake callipers and waved front and rear brake discs. The system ensures advanced brake feeling and re-assuring stopping power in all conditions.



Wheels

Mirroring the full-size motocross range, the EE 5 uses lightweight, black anodised, aluminium rims that provide the highest levels of strength and reliability. MAXXIS tyres are fitted front and rear to provide progressive grip on a wide variety of terrain.

Seat height

The EE 5 provides the option to set the seat height at two different levels to cater for a wider range of young riders, or be adapted from the low setting to the higher option as children grow. As standard, the EE 5 model comes with the higher set-up that offers a seat height of 674 mm and this can be easily reduced in three simple steps to 626 mm. These steps are – fitting the bodywork and seat into the lower mounting point, re-installing the rear shock in the alternative position, and raising the front forks through the triple clamps. In addition, with a Suspension Lowering Kit from the Technical Accessories range, the suspension can be lowered even further to create a seat height of just 556 mm, which accommodates four-year-old riders, or even younger.

– EE 5 2025 seat height from 626 – 674 mm

Handlebars

The tapered NEKEN handlebars are made of high-quality aluminium alloy for strength and safety. From a central diameter of 28 mm to 18 mm at the ends, the bars are complete with a lock-on ODI grip on the left side while an electronic drive specific throttle assembly on the right features a pre-fitted ODI grip. The thin diameter of both grips ensures total control and reduces fatigue for young riders. A handlebar pad covers the bar mounts to offer assured chest protection.

Graphics

Redesigned for 2025 to create a refreshed and distinctive look, the EE 5 features subtle yet striking blue and white graphics. As per the previous model years, the graphics are applied using an in-mould process to ensure a long-lasting finish.



Functional Apparel



Kids Railed Helmet

Developed specifically for children and offering day-long comfort and protection, the Kids Railed Helmet is an offroad design with a dual-density EPS inner shell. Other features include a removable, washable, moisture-wicking inner lining and cheek pads, adjustable peak, and emergency 'help' tabs for the safe removable of the cheek pads. Additionally, the outer edges of the helmet are optimised to fit with a neck brace.

Kids Railed Goggles

The lens on the Kids Railed Goggles features anti-fog technology and an anti-scratch coating to ensure youngsters ride with unrestricted vision. A two-layer face foam with a fleece lining ensures maximum sweat absorption and comfort while adhesive silicone strips on the inside of the strap keep the goggles in place at all times.

Kids Flame Boots

Leading motorcycle footwear manufacturer SIDI developed these offroad boots especially for kids, and they are made exclusively for Husqvarna Mobility. As expected of both brands, there is a host of safety, comfort, and design features including internal polyurethane protection for vulnerable parts of the foot, metal toe caps, a fixed shin plate, and an anatomical, non-deformable rigid heel. Each boot has three replaceable buckles and adjustable buckles. SIDI's patented flex system allows for easy movement and comfort, and there is a nylon inner sole with a removable foot bed.



Kids Railed Vest Blue

Available from February 2025, the Kids Railed Vest is an essential piece of apparel for youngsters who ride in challenging or wintry conditions. With its stretchy, wind and water repellent shell and breathable mesh lining, in addition to a soft collar, comfort is assured while the YKK zip provides a secure fit.

Kids Railed Jersey

With a fade-free sublimated print and multiple ventilation zones, the Kids Railed Jersey is a high quality, performance motocross shirt. Designed to be worn in all conditions, the jersey is made from 100% polyester fabric with raglan sleeves to ensure youngsters can compete in maximum comfort.

Kids Railed Pants

Multiple stretch panels and mesh inserts ensure the Kids Railed Pants offer young riders complete freedom of movement and unrivalled comfort. For maximum durability, the high-performance pants are reinforced with Cordura® throughout while the inside of the knee area is heatproof and abrasion-resistant thanks to its Kevlar® construction.

Kids Railed Gloves

The Kids Railed Gloves are lightweight, performance motocross gloves designed specifically for children. For exceptional comfort, Lycra® is used on the sides of the fingers to provide unrestricted movement. The fade-free design on the back of the breathable gloves creates a stylish look while a secure, adjustable TPR Velcro closure system ensures a perfect fit.

Technical Accessories



Handlebar

Made of high-strength aluminium and thoroughly tested, the Technical Accessories Handlebar for the EE 5 has a width of 670 mm and a rise of 76 mm. Its dimensions are carefully selected for optimum control and ergonomics.

Chain Guide

A precision-moulded, competition-developed guide helps to keep chain tracking true on the sprockets to prevent it from jumping. The Chain Guide is a high quality and incredibly long-lasting upgrade designed to withstand the toughest of offroad conditions.

Frame Protection Sticker Kit

For riding the EE 5 in tough conditions, the Frame Protection Sticker Kit prevents damage to vulnerable areas of the chassis. They have been carefully designed to fit perfectly on exposed parts of the frame.

Valve Cap Set

Anodised high-strength aluminium valve caps are both stylish and durable, improving overall aesthetics and providing a factory racing team appearance.

Factory Adjuster Wheel

CNC-milled from high-strength aluminium, the compression adjuster guarantees quick and easy changes to the damping characteristics of the WP XACT air fork fitted to the EE 5.

Factory Triple Clamp

The Factory Triple Clamp is expertly crafted from CNC-milled aluminium then anodised black to replicate the look of Husqvarna Factory Racing. The clamps provide a perfect alignment of the WP forks for a smoother suspension action, enhanced stability, and a heightened level of feedback from the front wheel. With the lower steering bearing pre-installed, the clamps are easy to fit.





[Click here and find more information on our website.](#)

www.husqvarna-motorcycles.com