

Motocross


FC 450 TC 85
FC 350 TC 65
FC 250 TC 50
TC 250 EE 5
TC 125

2021



Husqvarna®
MOTORCYCLES



An aerial photograph of a motocross track. The track is a complex, winding loop of dirt paths on a grassy field. A small, simple house is visible in the upper left corner of the track area. To the right of the track, there is a large, dark, plowed field. The track is surrounded by dense green trees. The text "WITH A BROADER PERSPECTIVE YOU CAN BETTER LINK SECTIONS TOGETHER." is written in white, hand-drawn letters on the left side of the track.

WITH A BROADER PERSPECTIVE
YOU CAN BETTER
LINK SECTIONS TOGETHER.

the competitive

edge

MOTOCROSS IS A SPORT OF ABSOLUTES,
REQUIRING EXCEPTIONAL COURAGE,
PHENOMENAL FITNESS AND UNWAVERING
DETERMINATION. WITH A SMART APPROACH,
HARD WORK AND THE AID OF CUTTING-
EDGE HIGH-PERFORMANCE, THE ODDS
BEGIN TO STACK IN YOUR FAVOUR.



 Husqvarna
MOTOCROSS

2021 motocross range

**The leading
approach.**



MANOEUVRE INTO THE PERFECT
LINE TO CARRY MOMENTUM.



Proven high-level performance.

FC 450/FC 350/FC 250 Intelligent design flows through every element of the 2021 4-stroke motocross range. An innovative approach that allows for impressive amounts of refined power to be extracted from their compact, lightweight engines. More control literally lies at the fingertips of the rider thanks to traction and launch control, as well as switchable power delivery maps. Opt for the new myHusqvarna app and extend the levels of control even further. Like having a factory mechanic in your phone, you can refine engine characteristics exactly the way you want them, or receive suggestions for the optimum suspension setup. With so much engine and chassis innovation, these machines are nimble enough to manoeuvre into the perfect line, and smart enough to make the most of it.



FC 450

Performance by design.

The precise science in the design of the FC 450 ensures that every detail contributes to making it a truly dynamic package. From the balanced feeling of its centralised mass to the slim, sculpted shape of its bodywork, control-inspired innovation defines this motocross powerhouse.

LIGHTWEIGHT, 2-PIECE CARBON
COMPOSITE SUBFRAME.

ADJUSTABLE ENGINE CHARACTERISTICS
VIA HANDLEBAR MAP SWITCH.

LIGHTWEIGHT AND
COMPACT 63 HP
SOHC ENGINE.





PERFORMANCE IS
HOLISTIC. EVERY DETAIL
MATTERS.



Thrilling speed and agility.

TC 250/TC 125 There's no better feeling, or sound, than putting a 2-stroke through its paces around a loamy motocross track. An exhilaration that amplifies to new levels with Husqvarna Motorcycles' latest versions. Light enough to put them where you want as you push to maintain momentum, and powerful enough to get you there in a thrilling hurry. The 2021 models literally put more control in the rider's right hand with new, smoother operating roller-actuated throttle assemblies. With an innovative chassis and engine design that offers significant benefits in handling and manoeuvrability, the TC range is simply pure motocross bliss.

TC 125

Progressive 2-stroke technology.

The TC 125's intelligent engine design focuses on centralising rotating mass in a compact arrangement, while still delivering class-leading power and torque. Featuring several control-focused enhancements, including refinements to the WP XACT suspension, this machine remains the benchmark of lightweight motocross performance.

ADVANCED FRAME
FLEX CHARACTERISTICS
FOR MAXIMUM
RIDER FEEDBACK.

SPLIT FUNCTION
AIR FORKS WITH NEW MIDVALVE
DAMPING SYSTEM.

INNOVATIVE
2-STROKE TECHNOLOGY,
DELIVERING SMOOTH,
CONTROLLABLE POWER.





2021 minicycles range

**Launch
to new heights.**



PERFORMANCE
THAT GROWS WITH THE RIDER.

Fully charged electric mini.

EE 5 Husqvarna Motorcycles' new EE 5 offers more for young riders entering the world of dirt biking. With its adjustable bodywork and variable seat and suspension height, this electric-powered mini motocrosser has the ability to grow with riders as they progress in size and ability. Powered by a strong lithium-ion battery, its silent yet powerful 5 kW motor features 6 ride modes, allowing riders to advance with more confidence. Thanks to cutting-edge electric-powered technology the EE 5 offers plenty of electrifying go-time, both on the track and closer to home.

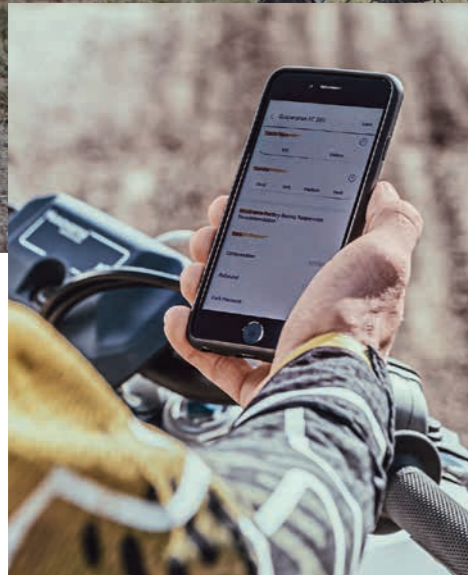
THE PERFECT COMPANION
AS YOU MOVE
THROUGH THE RANKS.



Mini stature, full-size innovation.

TC 85/TC 65/TC 50 Husqvarna Motorcycles' latest range of minicycles offer high-level performance for a variety of age groups and skill levels. Modelled using the proven principals of the full-size motocross range, they are perfectly suited to the stars of tomorrow and feature the same striking looks and ergonomic feel. This gives young Husqvarna Motorcycles fans access to the level of quality and advanced technology used by the heroes they aspire to become. The similarities do not end there, with a superior level of quality, high-end WP suspension and attention to detail, these machines are the most innovative mini motocrossers available.

Made to enhance the ride.



HUSQVARNA MOTORCYCLES' MYHUSQVARNA APP - TAKE THE GUESSWORK OUT OF FINDING THE PERFECT SUSPENSION SETUP, OR FINE TUNE THE ENGINE MAPPING EXACTLY THE WAY YOU LIKE IT.



FMA POWERCORE 4 SILENCER



FACTORY TRIPLE CLAMP



FACTORY SEAT

MOTO 9 ALEX RAILED HELMET
RACECRAFT GOGGLES
RAILED SHIRT PRO
RAILED PANTS
ITRACK RAILED GLOVES
CROSSFIRE 3 SRS BOOTS



ORIGIN SHIRT



ITRACK ORIGIN GLOVES



KIDS RAILED HELMET
KIDS STRATA GOGGLES
KIDS RAILED SHIRT
KIDS RAILED PANTS
KIDS ITRACK RAILED GLOVES



ORIGIN PANTS



Engine*

FC 450

FC 350

FC 250

TC 250

TC 125

TC 85

TC 65

TC 50

EE 5

Engine type	Single-cylinder, 4-stroke	Single-cylinder, 4-stroke	Single-cylinder, 4-stroke	Single-cylinder, 2-stroke	Single-cylinder, 2-stroke	Single-cylinder, 2-stroke	Single-cylinder, 2-stroke	Single-cylinder, 2-stroke	48 V – BLDC motor with outer rotor
Displacement	449.9 ccm	349.7 cc	249.9 cc	249 cc	124.8 cc	84.9 cc	64.9 cc	49 cc	Rated output – 2 kW/3,200 rpm
Bore/stroke	95/63.4 mm	88/57.5 mm	78/52.3 mm	66.4/72 mm	54/54.5 mm	47/48.95 mm	45/40.8 mm	39.5/40 mm	Max. power – 5 kW/3,900 rpm
Compression ratio	12.75:1	14.2:1	14.4:1	-	-	-	-	-	Torque – 13.8 Nm from 0 rpm
Transmission	5 gears	5 gears	5 gears	5 gears	6 gears	6 gears	6 gears	Single gear automatic	Max. motor speed – 6,000 rpm
Lubrication	Pressure lubrication with 2 oil pumps	Pressure lubrication with 2 oil pumps	Pressure lubrication with 2 oil pumps	Mixture oil lubrication 1:60	Mixture oil lubrication 1:40	Mixture lubrication 1:40	Mixture lubrication 1:60	Mixture lubrication 1:60	Final drive – 8:46
Cooling	Liquid cooling	Liquid cooling	Liquid cooling	Liquid cooling	Liquid cooling	Liquid cooling	Liquid cooling	Liquid cooling	Cooling system – Air cooled
Clutch	Wet multi-disc DDS-clutch, MAGURA hydraulics	Wet multi-disc DS-clutch, MAGURA hydraulics	Wet multi-disc DS-clutch, MAGURA hydraulics	Wet multi-disc DDS-clutch, MAGURA hydraulics	Wet multi-disc DS-clutch, MAGURA hydraulics	Wet multi-disc clutch, Formula hydraulics	Wet multi-disc clutch, Formula hydraulics	Centrifugal clutch (adjustable)	Powerpack – Lithium-Ion
Starter/battery	Electric starter/Lithium Ion 12.8V 2Ah	Electric starter/Lithium Ion 12.8V 2Ah	Electric starter/Lithium Ion 12.8V 2Ah	Kickstarter	Kickstarter	Kickstarter	Kickstarter	Kickstarter	Capacity/Energy – 21Ah/907 Wh
Fuel system	Keihin EFI, throttle body 44 mm	Keihin EFI, throttle body 44 mm	Keihin EFI, throttle body 44 mm	Mikuni TMX 38	Mikuni TMX 38	-	-	-	Charging time 100% – 70 minutes
Engine Management/Ignition Control	Keihin EMS	Keihin EMS	Keihin EMS	Kokusan	Kokusan	MEDJ digital	AET digital	Selettra 2p D36	Charging time 80% – 45 minutes
	4 V/SOHC with rocker levers	4 V/DOHC with finger followers	4 V/DOHC with finger followers	Exhaust control TVC	Exhaust control	Rotation speed dependent exhaust flap	Slide valve, exhaust gas pressure dependent	-	Charger line voltage – 80–240V/50–60 Hz
Silencer	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Charging input – Quick charging 5 A @ 230 V (AC)
Gear ratios	16:32 18:30 20:28 22:26 24:24 -	14:28 16:26 18:24 21:24 22:21 -	13:32 16:32 17:28 19:26 21:25 -	14:28 16:26 18:24 21:24 22:21 -	14:32 15:30 17:28 19:27 19:23 22:24	11:29 14:28 16:26 19:26 21:25 20:21	13:37 16:34 18:31 21:30 23:28 24:26	14:31	Charging power – 900 W
Primary drive	31:76	24:73	24:73	26:73	23:73	20:64	23:75	33:61	Six different ride modes
Final drive	13:49	14:51	14:51	14:49	13:51	13:49	14:48	11:40	

Chassis

Frame	Central double-cradle-type 25CrMo4 steel	Central double-cradle-type 25CrMo4 steel	Central double-cradle-type 25CrMo4 steel	Central double-cradle-type 25CrMo4 steel	Central double-cradle-type 25CrMo4 steel	Central double-cradle-type 25CrMo4 steel	Central double-cradle-type 25CrMo4 steel	Chrome-molybdenum steel central-tube frame	Chrome-molybdenum steel central-tube frame	Chrome-molybdenum steel central-tube frame
Subframe	Carbon fibre reinforced polyamide	Carbon fibre reinforced polyamide	Carbon fibre reinforced polyamide	Carbon fibre reinforced polyamide	Carbon fibre reinforced polyamide	Carbon fibre reinforced polyamide	Aluminium	Aluminium	Steel	Fibreglass-reinforced plastic
Handlebar	ProTaper, Aluminium Ø 28/22 mm	ProTaper, Aluminium Ø 28/22 mm	ProTaper, Aluminium Ø 28/22 mm	ProTaper, Aluminium Ø 28/22 mm	ProTaper, Aluminium Ø 28/22 mm	ProTaper, Aluminium Ø 28/22 mm	Tapered Aluminium, Ø 28/22 mm	Tapered Aluminium Ø 28/22 mm	Tapered Aluminium Ø 28/22/18 mm	Tapered Aluminium Ø 28/22/18 mm
Front suspension	WP XACT-USD, Ø 48 mm	WP XACT-USD, Ø 48 mm	WP XACT-USD, Ø 48 mm	WP XACT-USD, Ø 48 mm	WP XACT-USD, Ø 48 mm	WP XACT-USD, Ø 48 mm	WP XACT Upside-Down fork, Ø 43 mm	WP XACT Upside-Down fork, Ø 35 mm	WP XACT Upside-Down fork, Ø 35 mm	WP XACT Upside-Down fork, Ø 35 mm
Rear suspension	WP XACT Monoshock with linkage	WP XACT Monoshock with linkage	WP XACT Monoshock with linkage	WP XACT Monoshock with linkage	WP XACT Monoshock with linkage	WP XACT Monoshock with linkage	WP XACT PDS monoshock	WP XACT PDS monoshock	WP XACT PDS monoshock	WP XACT PDS mono shock
Suspension travel front/rear	300/300 mm	300/300 mm	300/300 mm	300/300 mm	300/300 mm	300/300 mm	280/305 mm	215/270 mm	205/185 mm	205/185 mm
Front brakes	Disc brake Ø 260 mm Brembo	Disc brake Ø 260 mm Brembo	Disc brake Ø 260 mm Brembo	Disc brake Ø 260 mm Brembo	Disc brake Ø 260 mm Brembo	Disc brake Ø 260 mm Brembo	Disc brake Ø 240 mm	Disc brake Ø 198 mm	Disc brake Ø 160 mm	Disc brake Ø 160 mm
Rear brakes	Disc brake Ø 220 mm Brembo	Disc brake Ø 220 mm Brembo	Disc brake Ø 220 mm Brembo	Disc brake Ø 220 mm Brembo	Disc brake Ø 220 mm Brembo	Disc brake Ø 220 mm Brembo	Disc brake Ø 220 mm	Disc brake Ø 160 mm	Disc brake Ø 160 mm	Disc brake Ø 160 mm
Front/rear wheel	1.60 x 21"; 2.15 x 19" DID	1.60 x 21"; 2.15 x 19" DID	1.60 x 21"; 2.15 x 19" DID	1.60 x 21"; 2.15 x 19" DID	1.60 x 21"; 2.15 x 19" DID	1.60 x 21"; 2.15 x 19" DID	1.60 x 19"; 1.85 x 16" Alu	1.60 x 14"; 1.60 x 12" Alu	1.50 x 12"; 1.60 x 10" Alu	1.50 x 12"; 1.60 x 10" Alu
Front/rear tyres	80/100-21"; 120/90-19"	80/100-21"; 110/90-19"	80/100-21"; 110/90-19"	80/100-21"; 110/90-19"	80/100-21"; 110/90-19"	80/100-21"; 100/90-19"	70/100 x 19"; 90/100 x 16"	60/100 x 14"; 80/100 x 12"	60/100 x 12"; 2.75 x 10"	60/100 x 12"; 2.75 x 10"
Chain	5/8 x 1/4"	5/8 x 1/4"	5/8 x 1/4"	5/8 x 1/4"	5/8 x 1/4"	5/8 x 1/4"	1/2 x 5/16"	1/2 x 1/4"	1/2 x 3/16"	1/2 x 3/16"
Steering head angle	63.9°	63.9°	63.9°	63.9°	63.9°	63.9°	66°	64.5°	66°	66°
Triple clamp offset	22 mm	22 mm	22 mm	22 mm	22 mm	22 mm	14 mm	22 mm	22 mm	22 mm
Wheel base	1,485 ± 10 mm	1,485 ± 10 mm	1,485 ± 10 mm	1,485 ± 10 mm	1,485 ± 10 mm	1,485 ± 10 mm	1,290 ± 10 mm	1,137 mm ± 10 mm	1,032 mm ± 10 mm	1,032 mm ± 10 mm
Ground clearance	370 mm	370 mm	370 mm	375 mm	375 mm	375 mm	377 mm	280 mm	252 mm	252 mm
Seat height	940 mm	940 mm	940 mm	940 mm	940 mm	940 mm	875 mm	750 mm	665 mm	665 mm
Tank capacity, approx.	7 l	7 l	7 l	8 l	8 l	8 l	5.2 l	3.5 l	2.3 l	-
Weight, without fuel, approx.	101 kg	100 kg	99.5 kg	96 kg	87.5 kg	87.5 kg	68 kg	53 kg	41.5 kg	40.5 kg

*The engine specifications are not valid for the EE 5

Own your own



Financing your own dream bike couldn't possibly be any easier. With Husqvarna Motorcycles' financial partner, riding off on a brand new motorcycle is simpler than you could've ever imagined. For each specific motorcycle, individually tailored financial solutions enable you to race off in no time. Speak to your nearest authorised Husqvarna Motorcycles dealer for more information.

Husqvarna Motorcycles Finance might not be available for all markets. Please ask your local authorised Husqvarna Motorcycles dealer about the offers and conditions in your country.

Legal disclaimer

Limitation not advised!
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