



GASGAS

GASGAS



MC 450F

TROY LEE DESIGNS

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GASGAS



BE MORE BAM BAM!

AT GASGAS, WE HATE SITTING STILL!

We went full gas into the Dakar Rally and MXGP in 2020 before heading stateside in 2021, beginning a hugely successful collaboration with Troy Lee Designs/ Red Bull/ GASGAS Factory Racing. With Justin Barcia claiming our very first AMA Supercross and Pro Motocross wins, to celebrate an amazing first season together we're bringing pro team bike performance to the masses with the release of the awesome MC 450F Troy Lee Designs!

GET



Troy Lee Designs

GASGAS
FACTORY RACING



GASGAS and TLD have a lot in common, which is exactly why we joined forces to create the Troy Lee Designs/Red Bull/GASGAS Factory Racing team! Bold, daring, focused on the serious business of always having fun, TLD has a pioneering vision that's all about mixing style and performance. We're all about that too, which is exactly what the MC 450F Troy Lee Designs delivers. So, for those looking to unite in the dirt with friends, while riding something very special, this bike's for you.

ON THE



GAS!

WHAT'S NEW?



#RIDEGASGAS

NEW



**VERY RED.
VERY STYLISH!**

Knowing how to turn out the nicest looking bikes in the pits, Troy Lee Designs/Red Bull/GASGAS Factory Racing cut no corners when it came to designing this masterpiece. We think you'll agree, it looks so, so good!



LOOK

NEW



FULL SEND!

From the moment you swing a leg over the MC 450F Troy Lee Designs you know you're about to ride something special. Fire it up, click it into gear and then as soon as you hit the track you'll have nothing but good times aboard this incredible dirt bike.

450F

NEW

GET
ON THE
GAS!

It's fast, oh so fast! But should you need to, the new Map Select Switch allows you to tame the power to suit your riding style. And when it comes to the WP Suspension, it's without a doubt the best in the business. Power, handling, and style.

**THE MC 450F
TROY LEE DESIGNS
HAS IT ALL.**

PERFORMANCE





STYLE

TLD TEAM GRAPHICS

Ensuring our factory racing bike replica stands out from the crowd, each bike comes with the very same high-quality graphics that Troy Lee Designs/Red Bull/GASGAS Factory Racing use. Made by Throttle Syndicate in the USA, they're perfectly fitted to vibrant red plastics to ensure the bike looks fast, even when it's sitting still!

#51 RACE NUMBER

For hardcore Bam Bam fans only! We've included a set of signature #51 race numbers with every bike. We can't guarantee they'll make you as fast as Justin Barcia, but you'll sure look like him. It's all about the look, right?

TLD FACTORY RACING SEAT

To keep you planted while getting on the gas out of corners, a TLD Factory Racing Seat keeps you firmly in place. The MC 450F Troy Lee Designs edition gives monstrous amounts of torque and this super grippy seat cover makes holding on a whole lot easier.

ODI LOCK-ON GRIPS

For added comfort, we've fitted grey ODI Lock-On Grips, which are a little bit softer than what's on our standard MC 450F. They help prevent blisters, help absorb whatever a track throws at you, and provide an oh-so-comfortable feel too.

FRAME PROTECTION KIT

The Frame Protection Kit serves two purposes. In addition to protecting the frame, the kit boasts a slightly larger surface area, which helps you grip the bike with your boots while attacking the track. Simple, yet very effective. On the MC 450 F Troy Lee Designs it comes in GASGAS red.





HANDLING



FACTORY RACING TRIPLE CLAMPS

Now we're talking! As far as factory race team hardware goes, it doesn't get much better than our Factory Racing Triple Clamps. Anodized red, they also offer two bar mounting positions and variable offset options for super personalized ergonomics.

FACTORY WHEELS

Well, how about these for a thing of beauty? With CNC-machined aluminum hubs, super strong spokes, and D.I.D Dirt Star rims, our Factory Wheels not only look amazing, but they're built tough too. Really tough!

NEKEN FATBAR WITH GASGAS BAR PAD

We've kitted out the MC 450F Troy Lee Designs with black Neken handlebars and a slightly bigger bar pad for absorbing impacts, just in case you case a jump, or even worse, land flat! The GASGAS branding really sets it off too.

SUSPENSION SETTING

This MC 450F Troy Lee Designs is designed for racers who want a competition-ready motocross bike that can be taken from the dealership straight to the race track, which is why we've mildly revised the suspension settings to be a little more firmer. The changes help to soak up big bumps and jumps, allowing you to get on the gas, attack the track, and chase after those race wins!

DUNLOP TYRES

To get all the power to ground, not to mention improve handling and braking, we've fitted Dunlop Geomax MX33 tires to the MC 450F Troy Lee Designs. Renowned for their performance across a range of racing surfaces, these tires are the first choice for professional racers across the globe.



PARTS



REAR SPROCKET

It's only natural to pair up the black Factory Wheels with a black anodized aluminum rear sprocket for a true race team look. We've decided to stick with the stock gearing as this seems to be just about right for a wide variety of riders.

GOLDEN CHAIN

Another race team replica bike must-have is a golden chain, which really stands out against the black Rear Sprocket. The race proven X-Ring chain ensures for reliability and strength keeping you in the race for the podium.

FACTORY START FOR FRONT FORK

To get your holeshot we installed a Factory Start on the MC 450F Troy Lee Designs. Lock it in, wait for the gate drop, then Get On The Gas!

SEMI-FLOATING FRONT DISC

It's all well and good having a super-fast dirt bike, but even the fastest riders need to slow down from time to time. This is why we've fitted a Semi-floating Front Disc for incredible stopping power, to make sure you can slow things down in a controllable manner.

FRONT BRAKE DISC GUARD

Knowing all too well how crazy it can be in the first turn of a motocross race, we've fitted a Front Brake Disc Guard to keep the Semi-floating Front Disc protected and out of harm's way. A damaged brake disc almost always results in a costly DNF, which won't happen with this protective cover.

COMPOSITE SKID PLATE

Neatly shaped to fit around the underside of the 450cc motor, the Composite Skid Plate offers incredible protection from rocks, roost, and any other hazard that can be found out on the motocross track, as well as extending up the sides of the motor to protect the clutch and ignition covers.



MOTOR



HOURMETER

Know exactly how many hours you've been riding for and stay on top of servicing the MC 450F Troy Lee Designs edition with an easy to access Hourmeter.

MAP SELECT SWITCH

Customize the power delivery on the MC 450F Troy Lee Designs motocross bike with the Map Select Switch. Choose either the standard setting or a map with a little bit of a harder hit, which also works well in sand and mud. There's also a traction control option built into the switch - ideal for perfect starts, each and every gate drop.

AKRAPOVIČ SLIP-ON

Another essential component when building a factory racing bike replica MC 450F Troy Lee Designs, the Akrapovič "Slip-On Line" enhances power across the entire rev range and adds significantly more torque while saving weight over the stock system.

HINSON CLUTCH COVER

Stronger than stock and precision machined from billet T-6 aluminum, the Hinson Clutch Cover is finished with a hard black coating to protect against boot wear for a long lasting, factory race team appearance. It also ties in nicely with the rest of the mean and moody looking MC 450F Troy Lee Designs bike!

TLD TEAM WEAR COLLECTION



TECHNICAL DETAILS MY2022

MC 450F TROY LEE DESIGN



ENGINE

MC 450F TROY LEE DESIGN

ENGINE TYPE	Single cylinder, 4-stroke
DISPLACEMENT	449.9 ccm
BORE/STROKE	95/63.4 mm
COMPRESSION RATIO	12.75:1
STARTER/BATTERY	Electric starter / Lithium Ion 12.8V 2 Ah
TRANSMISSION	5 gears
FUEL SYSTEM	Keihin EFI, throttle body 44 mm
CONTROL	4 V / SOHC with rocker levers
LUBRICATION	Pressure lubrication with 2 oil pumps
GEAR RATIOS	16:32 18:30 20:28 22:26 24:24 -
PRIMARY RATIO	31:76
FINAL DRIVE	13:49
COOLING	Liquid cooling
CLUTCH	Wet multi-disc DDS-clutch, Brembo hydraulics
IGNITION / ENGINE MANAGEMENT	Keihin EMS

CHASSIS

FRAME	Central double-cradle-type 25CrMo4 steel
SUBFRAME	Aluminum
HANDLEBAR	Neken, Aluminum Ø 28/22 mm
FRONT SUSPENSION	XACT 48 WP-USD fork, Ø 48 mm
REAR SUSPENSION	XACT WP-Monoshock with linkage
SUSPENSION TRAVEL FRONT/REAR	310/300 mm
FRONT/REAR BRAKES	Disc brake 260/220 mm
FRONT/REAR RIMS	1.60 x 21"; 2.15 x 19"
FRONT/REAR TIRES	80/100-21"; 110/90-19"
CHAIN	5/8 x 1/4"
SILENCER	Titanium
STEERING HEAD ANGLE	63.9°
TRIPLE CLAMP OFFSET	22 mm
WHEEL BASE	1.485 ± 10 mm
GROUND CLEARANCE	370 mm
SEAT HEIGHT	950 mm
TANK CAPACITY, APPROX.	7 l
WEIGHT WITHOUT FUEL, APPROX.	102 kg

GET ON THE GAS!



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Imitation not advised!

The riders illustrated are professional motorcycle riders. The photos were taken on closed racing circuits or closed roads. GASGAS Motorcycles wishes to make all motorcyclists aware that they need to wear the prescribed protective gear and always ride in a responsible manner in accordance with the relevant and applicable provisions of the road traffic regulations. Only the homologated versions of the motorbikes promoted in this brochure are suitable for road use. GASGAS Motocross models are not approved for use on public roads. For this reason, it is absolutely essential that use on public roads is avoided. The warnings and hazard notices in the owner's manual must be observed without fail when purchasing a motorcycle and using it for the first time (especially the prescribed speed limits). Some products in the GASGAS Motorcycles accessories range are not approved for use on public roads in certain circumstances (varies from country to country). Please contact your GASGAS Motorcycles dealer for further information. The illustrated vehicles may vary in selected details from the production models and some illustrations feature optional equipment available at additional cost. All information concerning the scope of supply, appearance, services, dimensions and weights is non-binding and specified with the proviso that errors, for instance in printing, setting and/or typing, may occur; such information is subject to change without notice. Please note that model specifications may vary from country to country.