

RALLY RANGE 2024

FANTIC
RACING



EVERYDAY'S RALLY FEELING

EN

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RACING



THE MOTORBIKE THAT
RACES IN **DAKAR** AND IN THE
CROSS-COUNTRY WORLD
CHAMPIONSHIPS IS HERE,
IT'S JUST WAITING FOR
YOUR RIGHT WRIST

XEF RALLY

A real race bike.

Dakar ready, but also a production bike, E5 approved and ready to offer the purest **rally feeling**.

Perfect to challenge the chronometer or yourself, to **discover your limits** and push them even further at every ride.



XEF RALLY



DAKAR PROOF TANKS

Great raids require great fuel capacity. This is why we fitted the **XEF RALLY** with a **30-litre tank**, divided in two parts.

The first one, positioned laterally, provides **aerodynamic** and **shock protection**. The second, in the centre,

is under the seat and offers slim ergonomics and the perfect weight distribution.



POWER AND MODULARITY

Racing in the desert at over **150 km/h** **takes great skill**, but your bike must be able to support you as best as possible.

With an enlarged 300 mm front break you can be sure you'll be able to stop at any speed.

We have also developed the pad compound to offer you the best modularity and drive on all types of terrain.



CARBON KEVLAR ENGINE SHIELD

The engine is protected by a **5 mm-thick carbon-kevlar shield**.

Thanks to this essential component, engine, tanks, and exhaust are completely **protected from any impact or inconvenient**.



PURE POWER

The amazing **450cc 4-stroke** engine doesn't need introduction: single-cylinder with excellent horse power, it makes sure you make the most of it, aggressive when needed and manageable in all situations.

Characteristics that arise from a series of solid solutions like the **double camshaft and drive shaft**, and a touch of craziness.

The inverted head, combined with a backwards-sloping cylinder, **centralises weight** and guarantees exceptional agility and impressive handling.



NEXT-GEN INSTRUMENT PANEL

Everything under control.

Thanks to our **7" RallyScreen** you will be able to easily check GPX tracks, digital roadbooks and use any of the **navigation apps** on the market, either via the touchscreen or the two controls on the handlebar.

With its Android operating system, you manage all apps like on your smartphone but it's **completely shockproof, dustproof, and waterproof (IP67 certificate)**.

RallyScreen switches on and off with the bike, but also has an internal battery that allows you to take it with you and plan your adventures and routes from the comfort of your sofa.

XEF RALLY FACTORY

The twin sister of our motorbikes racing in **Dakar and the Cross Country World Championships** is waiting for you and other 49 lucky people around the world. For the launch edition we want to offer you only the very best; therefore, the **Factory is full-spec** and ready for racing, thanks to a long list of special features.

What are you waiting for? Book your Dakar motorbike, there are only 50!



XEF RALLY FACTORY



EXCLUSIVE EXTRAS

In addition to the high-level components, the **Factory Launch** edition also has quite a few exclusive extras.

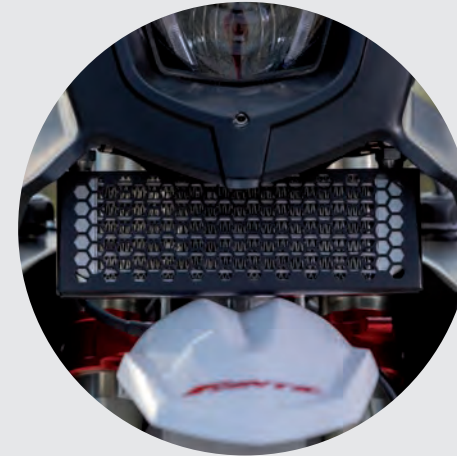
The numbered tag will make your bike unique and you will also receive a race kit comprising a **Fantic Rally Jersey** and a **professional 144 litre trolley tool box**, to take your spare parts always with you.



RACE INSTRUMENTATION

By default, the **Factory** version features a strong steel and aluminium structure designed specifically to support a **professional roadbook** and trip master and allow you to orient yourself in any competition.

It also features practical roadbook controls on the handlebar and is preconfigured for an additional tripmaster.

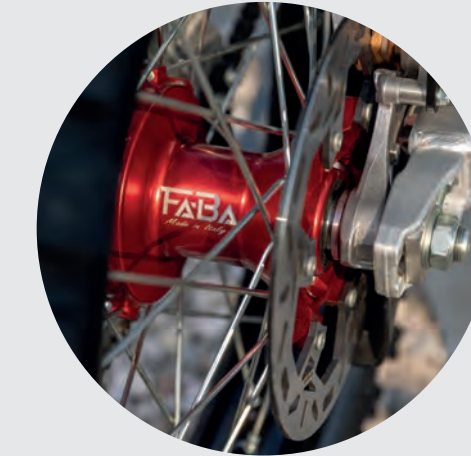


MAXIMUM RELIABILITY

In international rallies, covering hundreds of miles every day is quite the norm.

This is why reliability and maximum protection are paramount. **XEF RALLY FACTORY** features a front-mounted oil radiator, for **maximum air flow**.

Technical components also include an enhanced oil filter with an additional tank able to ensure the best lubrication in all weather conditions.



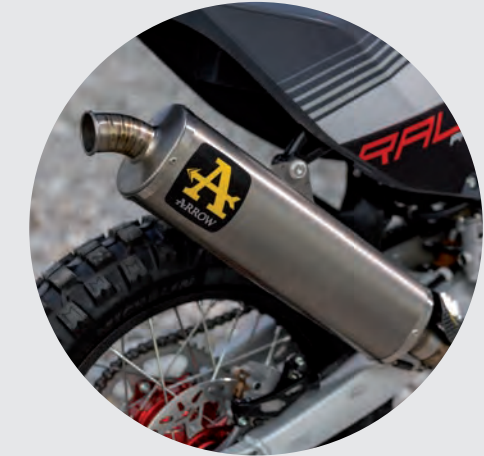
LIKE A PRO

Not just a touch of racing red but racing components that help you make the most at every stage of the race.

This is why you will find triple clamps and hubs completely made from billet, **CNC machining developed**, which with their great rigidity and production accuracy guarantee maximum precision and direction.

The rear hub has sprocket support to reduce the reactions to the exuberant 450 twin cam and help you stay focused on your bike for hours.

To reduce stress during long marathons you have the option to easily install a **hydraulic steering damper**.



PRECIOUS METAL

Our powerful and **super reliable 450 DOHC** in the Factory version features a full titanium exhaust system developed in collaboration with **Arrow**.

It doesn't just offer the best performance, it also weighs 1.5 kg less, courtesy of the titanium and the excellent care taken to make this fine component.



EVERYDAY'S RALLY FEELING



TECHNICAL SPECIFICATIONS

XEF RALLY



Engine	
Type	Single-cylinder 4-strokes, liquid cooled, 4 valves DOHC
Displacement	450 cc
Induction	Fuel Injection
Bore	97.0 mm
Stroke	60.8 mm
Compression ratio	13.0 : 1
Ignition system	TCI
Starting system	Electric starter
Lubrication system	Wet sump
Transmission	5-speed
Clutch	Wet, multiple-disc
Homologation	Euro5
Chassis	
Frame type	Aluminium perimeter frame
Caster angle	27.2°
Trail	116 mm
Rear frame	Steel
Swingarm	Aluminium with variable section and progressive link
Rims	21x1.60 - 18x2.15
Tyres	90/90x21 - 140/90x18
Brakes	Hydraulic disc ø300mm - Hydraulic disc ø245mm
Front suspension	KYB ø48 mm, fully adjustable, wheel travel 310 mm
Rear suspension	KYB, fully adjustable, wheel travel 300 mm
Overall dimensions	
Seat height	955 mm
Wheelbase	1480 mm
Kerb weight	<140 kg
Fuel tank capacity	30 l

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**EXPERIENCE
THE PURE
ESSENCE
OF RIDING.**

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