

Husqvarna Rallye Team

by **speedbrain**  
offroad performance



## Husqvarna Rallye Team by Speedbrain Team-presentation for Rally Dakar 2012



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## HUSQVARNA RALLYE TEAM BY SPEEDBRAIN

At the team headquarters in Stephanskirchen (Bavaria) everyone has been working overtime since many months to build five race bikes capable of winning the Dakar 2012 - with the brand new Husqvarna TE 449 RR by Speedbrain as the new challenger.

The team will have 5 riders: the French David Frégné, the Portuguese Paulo Goncalves, the Spanish Joan Barreda and the two Brazilian Zé Helio and Ike Klaumann.

The new Rallye bike developed by Speedbrain is a very specialized bike, with many tricky solutions developed and designed in countless hours of testing and engineering. It takes advantage of various elements out of the Husqvarna TE 449 and also the BMW G 450 X, and apart from the strong TE 449, it's especially lightweight and easy to handle both in fast and technical conditions.

After introducing their new developments in Rallye technology, Speedbrain got financial, partly technological and material support from Husqvarna. The 11-men crew, plus the 5 riders, is an experienced combination of individuals mixed of eight different nationalities, which have mostly been on board at the past Dakar already.

Team principal Wolfgang Fischer: "We are very happy that we could convince Husqvarna to partner with us for our Rallye bike developments and we are proud to continue to be a partner of the BMW Group and Husqvarna. I want to thank especially my staff, who believed strongly in the project, working very hard on countless days, long evenings and weekends, to make our vision happen. I want to thank also our sponsors and technical partners for their great and fast support in many ways. I am sure we can prove in the 2012 Dakar the big potential of the team, the bike and the great riders we'll have at the start in Argentina on 1st January 2012. Of course, our common goal is to stand on the podium at the finish line in Lima, ideally at the top of it..."



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## The History of Speedbrain

In 2006, speedbrain race management was founded exclusively for BMW's new involvement in off-road racing. The key positions were filled with top professionals who had been successful in the scene for many years. Wolfgang Fischer was put at the helm as the Managing Director.

The team started virtually from scratch. At first a racing bike with a flat boxer twin engine was used. Rewards were not long in coming. Finland's Simo Kirssi secured sensational success aboard the BMW HP2 at the notorious Erzberg, including victories in the King's class and the prologue. The open class at the famous Pikes Peak in Colorado (USA) also brought a double victory in 2006. Not a bad start ...

By 2007, prototypes of the BMW G 450 X were already in operation and caused a stir at the first race of the WEC 2007. In 2008, BMW returned to professional Enduro racing with the G 450 X. Once again it was Simo Kirssi who set the pace, winning the German and European championships in Cross Country racing in the very first year. At the WEC, Kirssi secured BMW Motorrad's first podium position – a real sensation in BMW Motorrad's first full season in World Enduro.

The sheer speed of this success is also due to the development work of long-standing off-road specialists such as Joel Smets and Anders Eriksson. Soon BMW Motorrad had been able to gain the services of the best Enduro riders in the world. David Knight, Juha Salminen, Marko Tarkkala, Simo Kirssi and Andreas Lettenbichler were chasing victories in the WEC classes E2 and E3, also taking part in Cross Country races and Extreme Enduros.

Fast forward 2011: Team speedbrain entered the Dakar as a powerful newcomer. Riders for the German-based squad were Dutchman Frans Verhoeven, Portugal's Paulo Goncalves and Pedro Bianchi Prata as well as Brazil's Zé Hélio, making a strong BMW/Monster Energy quartet using speedbrain technology.

The new setup showed amazing speed. Goncalves and Verhoeven won stages. Goncalves gave BMW their first Dakar stage victory in ten years. While the overall final results of the team riders didn't reflect the true potential, the quality of the bike and the professionalism of the team was clearly visible.

For the 2012 edition, Husqvarna Rallye Team by Speedbrain is officially factory-supported by Husqvarna.





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## Husqvarna Motorcycles

### Profile

**A tradition dating back more than a century and since 2007 part of the BMW Group heritage.**

Husqvarna Motorcycles is the oldest motorcycle manufacturer in the world. Swedish in origin and centuries-old (it was founded over 300 years ago), the Husqvarna brand launched its first motorcycle in 1903: a velocipede with a single-cylinder engine delivering 1.5 hp and offering a top speed of 50 kph.

On 1<sup>st</sup> October 2007, it was purchased by the BMW Group. Work began on the new Husqvarna Motorcycles headquarters at Cassinetta di Biandronno (Varese) that was officially inaugurated on 21<sup>st</sup> September 2009.

### **50 years' experience on the racing circuit and 82 world titles**

With over 50 years of activity in circuits around the world, Husqvarna Motorcycles boasts 82 titles won in the Motocross, Enduro and Supermotard categories, including the last 2 world titles in Enduro World Championship 2011 won by Juha Salminen in E1 class on TE 250 and Antoine Meo in E2 class on the new Husqvarna TE310. The company is currently actively involved in the Supermotard, Enduro, Motocross and Rally categories.

### **Husqvarna Motorcycles today**

Today, Husqvarna Motorcycles has 260 employees (there were 223 before the arrival of BMW) at its Cassinetta di Biandronno site and occupies an area of 35,000 square metres. The current range includes 21 models divided between the Enduro, Motocross, Minicross, Supermotard, Dual Purpose and Street categories with the latest and innovative Nuda 900 and Nuda 900R motorcycles. The fruit of a strong vocation for technological innovation and an enormous technical and sporting heritage. These are flanked by other exceptional products, themselves the result of the research and sporting experience Husqvarna Motorcycles has acquired in off-road disciplines: the accessories and spare parts for motorcycles and the collection of technical clothing and racing accessories for bikers.





## The Team

Wolfgang Fischer	Team Manager
Stefan Krause	Technical Director, CAD engineer
Juho Kirssi	Mechanic
Felipe Barbosa	Mechanic
Allison Anton	Mechanic
Boy Olieslagers	Mechanic, Suspension
Timo Virtanen	Engines
Rodolphe Schwartz	Team Co Coordinator
Vincenzo Tota	Physioterapist
Arne Pfizenmaier	Truck driver, parts logistic
Berthold Hauser	Project Leader BMW/Husqvarna

## The Riders

Davide Frétné  
Paulo Goncalves  
Joan Barreda  
Zé Hélio  
Ike Klaumann



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## David Frétné

Nationality: French

Date of birth: 30/07/1970

Place of birth: Mayenne

Residence: Villefranche de Rouergue

Family status: Father of Adrien and Elisa

Profession: Motorcycle racer

Hobbies: Mountain biking, Climbing, Ski racing, Motocross

Passion: Sports in general

Favorite drink: Coke

Favorite dish: Italian cuisine

Favorite country: Australia

Personal car: BMW X3

Dream car: BMW X6

Most respected rider: Stephane Peterhansel

Favorite track: the desert

First bike: Yamaha YZ 80

First race: 1985

### Most memorable results:

7 Dakar stage victories

3rd overall Dakar 2009

3-time World Champion ISDE

5-time French Enduro champion

3-time French Cross Country champion

Website: [www.fretigne.com](http://www.fretigne.com)



David Frétné



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**Paulo Gonçalves**

Nationality: Portuguese

Date of birth: 05/ 02/1979

Place of birth: Esposende - Braga

Residence: Esposende - Braga

Family status: Married

Profession: Motorcycle racer

Hobbies: Jet ski

Passion: Rally Raid

Favorite drink: Water

Favorite dish: Pasta

Favorite country: All countries

Favorite actor: Nicolas Cage

Favorite actress: Angelina Jolie

Personal car: BMW 320

Personal bike: BMW G 450X

Dream car: BMW X6

Dream bike: BMW SS1000

Most respected rider: Stefan Everts

Favorite track: Motocross and Rally tracks

First bike: Casal

First race: Avenal's track (1991)

Most memorable result: first victory in the Motocross National Championship at Marinhas



**Paulo Gonçalves**





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## Joan Barreda

Nationality: Spanish

Date of birth: 11/08/1983

Place of birth: Castellón de la plana

Residence: Castellón de la plana

Family status: Single

Profession: Motorcycle racer

Hobbies: Jet ski, Kite surfing, Wakeboard, Snowboard, Mountainbike

Passion: Rally Raid

Favorite drink: Water, Coke

Favorite dish: Paella

Favorite country: Spain

Favorite actor: Al Pacino

Favorite actress: Cameron Diaz

Personal car: Mercedes Vito

Personal bike: Husqvarna TE 310

Dream car: BMW M6

Dream bike: BMW S1000RR

Most respected riders: Ricky Carmichael, Damon Bradshaw

Favorite track: Rally tracks in untouched deserts

First bike: Malagutti

First race: Alicante (1991)

Most memorable results: Spanish Champion Motocross, Top 10 World Championship Motocross



**Joan Barreda**





## Zé Hélio

Nationality: Brazilian

Full name: Jose Helio Gonçalves Rodrigues Filho

Date of birth: 16/03/1979

Place of birth: Sao Paulo

Residence: Sao Paulo

Family status: Single

Profession: Motorcycle racer

Hobbies: Wakeboard and Light Sport Aircraft

Passion: Offroad racing

Favorite drink: Coconut water

Favorite dish: Barbecue

Favorite country: USA

Favorite actor: Wagner Moura (Brazilian)

Favorite actress: Jennifer Aniston

Dream car: BMW M X6

Dream bike: BMW GS 1200 Adventure

Most respected riders: Marc Coma, Stefan Everts

Favorite track: Seminole Tribe MX Park (USA)

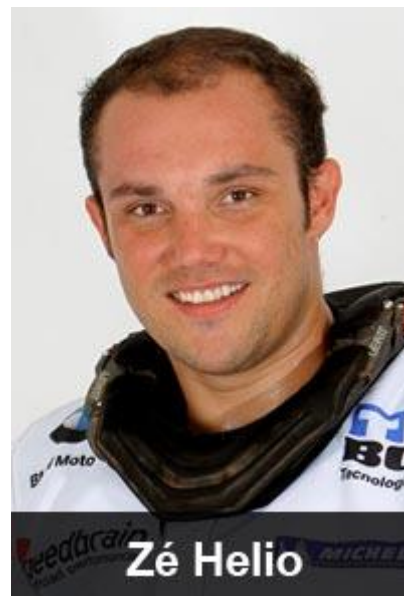
First bike: Mini enduro

First race: Bracao Enduro

most memorable results: 5-time Rally Sertoes champion

Best American Rider in Dakar (2009) - 12nd overall and 3rd in 450cc

own website: [www.zehelio.com](http://www.zehelio.com)



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## Ike Klaumann

Nationality: Brazilian

Date of birth: 20/03/1987

Place of birth: Rio Negrinho - Santa Catarina

Residence: Rio Negrinho - Santa Catarina

Family status: Single

Profession: Administrator, Motorcycle Racer

Hobbies: Bikes, Tennis

Passion: Rally Raid

Favorite drink: Water, Juice

Favorite dish: Meet and Pasta

Favorite country: All countries

Favorite actor: George Clooney

Favorite actress: Jennifer Aniston

Personal car: L-200 TRITON

Personal bike: BMW G 450X

Dream car: BMW X6

Dream bike: BMW ADVENTURE 1200

Most respected rider: Marc Coma

Favorite tracks: Enduro and Rally Tracks

First bike: Brandy

First race: Cross Country in Gaspar (2001)

Most memorable results: Gold medal in Chile Six Days (2007), Stage win Sertoos Rally (2010)







## The Bike



### Husqvarna TE 449 RR by Speedbrain

#### Technical data

Water-cooled, 4-stroke single-cylinder engine, two overhead camshafts, four valves, dry sump lubrication with oil cooler, Electronic intake pipe injection / digital engine management

Bore x stroke: 98 mm x 59.6 mm

Capacity: 449.5 cc

Maximum speed: approx. 175 km/h

Front wheel suspension: WP Upside-down big bore cone valve fork Ø 52mm

Rear wheel suspension: Aluminum dual swing arm with WP Trax rear suspension and linkage

Suspension travel front: 300 mm

Suspension travel rear: 320 mm

Brake, front: Single disc brake, diameter 298 mm, double-piston floating caliper

Brake, rear: Single disc brake, diameter 220 mm, single-piston floating caliper

Weight: 137 kg

Tank volume: approx. 30 lt.

Tires: Michelin Desert Race





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## Our Sponsors

Monster Energy

Michelin

Blackbird Racing

Castrol

Haan Wheels

HGS Exhaust Systems

MAC – Moto Plastic Parts

Moto Master Brake Systems

Regina Chain

Shoei

Super B

Supersprox

Twin Air Dual-Stage Filters

WP Suspension





## Race Schedule Dakar 2012

In 2012, the legend that the Dakar is will be staging a pan-American journey of more than 9,000 kilometers altogether. Held for the third consecutive year in South America, the route leads from the Atlantic Ocean to the Pacific. The participants race from Buenos Aires (start on New Year´s Day) to the finish line in Peru on 15 January. Fourteen stages and just one rest day form a heavy program.. Whether it´s the Andes Mountains or the Atacama Desert, early morning starts or late night arrivals, the Dakar 2012 will add one more to chapter to the history of the toughest Raid Rally on the planet.

Argentina: Five stages following the starting ceremony at Mar del Plata. Dunes and canyons will mostly be the order of the day(s).

Chile: Five stages plus rest day. After having travelled over the Andes, the Atacama is the beast that awaits the field. Every mistake can be crucial, dream-shattering even, and navigation skills will be the key. Stage nine from Antofagasta to Iquique offers the longest special test of the rally. On 10 January, the riders face over 550 kilometers of timed section on just one day. Two days later another special with 538 km through Peru might or might not pre-decide the race.

Peru: As the capital of Lima slowly creeps into sight and everyone feels drained and exhausted, many things can still happen. The course will remind those who have raced on African soil (until 2007) of the stages in Mauretania. Those were classics of the "old" Dakar. Keeping the concentration will be as vital as having the riding technique to master the challenges that each new kilometer presents.

Date	Start	Finish
01/01	Mar Del Plata	Santa Rosa de la Pampa
02/01	Santa Rosa de la Pampa	San Rafael
03/01	San Rafael	San Juan
04/01	San Juan	Chilecito
05/01	Chilecito	Fiambala
06/01	Fiambala	Copiapo
07/01	Copiapo	Copiapo
08/01	<b>Rest day</b>	
09/01	Copiapo	Antofagasta
10/01	Antofagasta	Iquique
11/01	Iquique	Arica
12/01	Arica	Arequipa
13/01	Arequipa	Nasca
14/01	Nasca	Pisco
15/01	Pisco	Lima



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