



FWWV



SIMPLICITY IS BEAUTY



Our objective with the FURIOUS DH platform was to create a sleek bike that has the ability to smash times thanks to its dynamism, whilst also putting a smile on freeriders faces.

The FURIOUS is crammed with technology drawn from all previous frames developed at COMMENCAL, every detail has been refined - kinematics, geometry and the frame construction.



BRENDAN HOWEY

SIMPLE IS NOT SIMPLE



WILLIAM ROBERT

# CONSTRUCTION

The FURIOUS uses Al 6066 triple butted tubes shaped to optimise the mechanical performance and weight.

This allows us to control the flex characteristics for a compliant precise bike.

As always, reliability remains a priority at COMMENCAL.

The bearings are oversized to ensure a longer life,

the rocker is designed to minimise the stresses on the shock allowing for better suspension performance.

The rocker is integrated into the seat stay to form a single piece.

This integration is part of the personality of the FURIOUS and gives it a sleek look.

The shock mount is embedded in the down tube, again adding to a clean aesthetic finish.

We continue to provide internal cable routing.

The cables pass as close to the main pivot point as possible to minimise movement and prevent premature wear.

New seals inserts ensure a perfect fit with the added bonus of a higher quality end-product.

The chainstay protector is made by double density injection.

The polypropylene chassis provides a tight fit with the chainstay and the specially designed rubber layer helps to dampen the chain for a silent ride.

The FURIOUS also includes specifically designed down tube protection to avoid damage from flying debris when riding.





PIERRE-EDOUARD FERRY

# CONTACT SYSTEM

Year after year we continue to believe in our Contact System and we adapt it for each discipline. We have kept a single main pivot because we don't believe there is a better solution to ensure consistency. The goal is to offer a bike that is easy to handle, predictable and very well balanced from front to back. Keeping the bike balance is effortless and as a result, you can save energy and in turn, everything becomes easier!

With the FURIOUS, we wanted the best possible ratio of comfort-to-dynamism. That's why the main pivot is located in this specific spot. This position avoids generating too much kickback negatively affecting the suspension performance.

We use chain tension to get that lively frame we wanted. This is pretty helpful to gain speed in compressions and when exiting cornerins. It also gives more support on take-offs providing great jumping characteristics.

As usual, our kinematics are progressive to provide grip, support and control at the end of travel.

The FURIOUS introduces the « Progressive Contact System ».  
An S size is more linear than an XL.  
If we assume that someone who rides a size small is lighter than a rider who chooses an XL, a bike that is too progressive will prevent them from being able to use the entirety of the travel. In contrast, a heavier rider will need more a progressive feel to get more support and to avoid bottoming out.

With the Progressive Contact System,  
we don't make any compromises,  
but instead we ensure the dynamics are relevant for each size of bike and rider.



LOUIS HAMILTON

## GEOMETRY

The level of riding and bike performance are increasing.  
The need for stability is becoming greater and more important than ever.

The FURIOUS has a long front end that provides stability and excellent grip for the front wheel.  
Still, we wanted a fun bike too so we use short chain stay to get a bike that is easy to ride,  
easy to corner, responsive to changes in trajectory and playful over jumps.

For the same reasons, the head angle remains pretty standard for this category.

The bike gives confidence in steep conditions, remains easy to corner and fun to ride.



ROMAIN BAGHE

## INFOS

- Al6066 Triple Butted
- 200mm Travel
- Progressive Contact System
- 9" 1/2 \* 3" Shock
- 150mm \* 12mm Rear Axle
- Tapered Head Tube ZS44 / ZS56
- BB107 Bottom Bracket
- Double Density Chain Stay Protector
- Down Tube Protector
- New Internal Routing Seals



12x150mm rear axle, standard IS



Big range Seat Tube insertion

200mm Travel  
9" 1/2 \* 3" Shock



## GEOMETRIE

<b>SIZES / TAILLES</b>	<b>S</b>	<b>M</b>	<b>L</b>	<b>XL</b>
Seat Tube Length / Longueur tube de selle	400 mm	400 mm	400 mm	400 mm
Seat Tube Angle / Angle de tube de selle	63°	63°	63°	63°
Head Tube Angle / Angle de direction	63,5°	63,5°	63,5°	63,5°
Head Tube Length / Hauteur de douille	125 mm	125 mm	125 mm	125 mm
Wheel Base / Empattement	1199 mm	1214 mm	1240 mm	1270 mm
Top Tube Length / Longueur tube supérieur	550 mm	570 mm	595 mm	625 mm
Chainstay Length / Longueur de bases	440 mm	440 mm	440 mm	440 mm
BB Height / Hauteur de boîtier de pédalier	-7 mm	-7 mm	-7 mm	-7 mm
Fork Length / Hauteur de fourche	580 mm	580 mm	580 mm	580 mm
Standover Height / Hauteur à l'entrejambe	740 mm	740 mm	740 mm	740 mm
Reach / Projeté horizontal Boîtier pédal./Tube sup.	395 mm	415 mm	440 mm	470 mm
Stack / Projeté vertical Boîtier pédal./Tube sup.	623 mm	623 mm	623 mm	623 mm



DOWNHILL



DOWNHILL



DOWNHILL



DOWNHILL



## FURIOUS / ORIGIN

<b>FRAME</b>	2017 FURIOUS 650b Travel 200mm
<b>SHOCK</b>	ROCKSHOX KAGE R, 240x76, Rebound
<b>FORK</b>	ROCKSHOX BOXXER RC, Rebound, Compression
<b>HEADSET</b>	RIDE ALPHA, semi integrated, Commencal standard
<b>STEM</b>	RIDE ALPHA DH Direct Mount, 50mm, 31,8mm
<b>BARS</b>	RIDE ALPHA, Alloy 7075, double butted, 30mm rise, 780mm, Ø31,8mm
<b>GRIPS</b>	RIDE ALPHA, Single clamp, Soft compound
<b>BRAKES</b>	SRAM GUIDE RE 200mm/200mm
<b>SHIFTERS</b>	SRAM X5 9sp
<b>FRONT MECH</b>	E13 TRS+ Steel
<b>REAR MECH</b>	SRAM X7 Short Cage 9sp
<b>BOTTOM BRACKET</b>	E13 Press fit BB 92
<b>CRANKS</b>	E13 LG1, 36t
<b>CHAIN</b>	YABAN S9
<b>CASSETTE</b>	SRAM PG950 11-28
<b>RIMS</b>	ALEXRIMS FR 32, 32 holes, 25mm inner
<b>HUBS</b>	FORMULA DH, 32 holes, sealed bearings
<b>SPOKES-NIPPLES</b>	PILLAR Spokes, Stainless steel, 2mm black, Nylock and MAXXIS HR11 650x2,4 Dual Compound DH Casing and MAXXIS DHR11 650x2,4 Dual Compound DH Casing
<b>TIRES</b>	
<b>SEATPOST</b>	RIDE ALPHA DH, 31,6mm , 300mm
<b>SADDLE</b>	NEW RIDE ALPHA DH Saddle, Cr-Mo rails
<b>ACCESSORIES</b>	Shock mudguard, down tube protector, seatstay protector, integrated bumpers

**SIZES** S/M/L/XL  
**COLOUR** Yellow, Black, Green



**PRICES** 2 499 € / US \$ 2,499 / CAD \$ 3,399 / MXN 58 000

## FURIOUS / RACE

<b>FRAME</b>	2017 FURIOUS 650b Travel 200mm
<b>SHOCK</b>	FOX FACTORY FLOAT X2, 240x76, Adjustments High / Low Speed Compression, High / Low Speed Rebound
<b>FORK</b>	FOX FACTORY 40 FLOAT, Adjustments High / Low Speed Compression, Rebound
<b>HEADSET</b>	RIDE ALPHA, semi integrated, Commencal standard
<b>STEM</b>	RIDE ALPHA DH Direct Mount, 50mm, 31,8mm
<b>BARS</b>	RIDE ALPHA, Alloy 7075, double butted, 30mm rise, 780mm, Ø31,8mm
<b>GRIPS</b>	RIDE ALPHA, Single clamp, Soft compound
<b>BRAKES</b>	SRAM GUIDE RE 200mm/200mm
<b>SHIFTERS</b>	SRAM GX DH 7sp
<b>FRONT MECH</b>	E13 TRS+ Alloy
<b>REAR MECH</b>	SRAM GX DH 7sp
<b>BOTTOM BRACKET</b>	E13 Press fit BB 92
<b>CRANKS</b>	E13 LG1, 36t
<b>CHAIN</b>	SRAM PC 1130
<b>CASSETTE</b>	SRAM GX DH 7sp
<b>RIMS</b>	SPANK SPIKE RACE 33, 32 holes, tubeless ready, 28.5mm inner
<b>HUBS</b>	FORMULA DH, 32 holes, sealed bearings
<b>SPOKES-NIPPLES</b>	PILLAR Spokes, Stainless steel, 2mm Black, Brass Nipple 12mm Black Nylock
<b>TIRES</b>	MAXXIS HR11 650x2,4 Super tacky front and MAXXIS DHR11 650x2,4 Super tacky rear
<b>SEATPOST</b>	RIDE ALPHA DH, 31,6mm , 300mm
<b>SADDLE</b>	NEW RIDE ALPHA DH Saddle, Cr-Mo rails
<b>ACCESSORIES</b>	Shock mudguard, down tube protector, seatstay protector, integrated bumpers

**SIZES** S/M/L/XL  
**COLOUR** Shiny Red



**PRICES** 3 999 € / US \$ 3,999 / CAD \$ 5,399 / MXN 92 800

## Our Headquarter

COMMENCAL Bicycles  
COMESPORT S.A.  
BP36 - Erts / AD400 La Massana  
PRINCIPAT D'ANDORRA

## To contact us

Téléphone / Phone: + 376 73 74 75  
Fax / Fax : + 376 73 74 90  
Site / Website : [www.commencal.com](http://www.commencal.com)  
Information / Information: [info@commencal.com](mailto:info@commencal.com)  
Communication / Media - Press:  
[media@commencal.com](mailto:media@commencal.com)  
Clients hors France / International Sales:  
[export@commencal.com](mailto:export@commencal.com)  
Comptabilité / Accounting:  
[accounting@commencal.com](mailto:accounting@commencal.com)

## Sales

Administration des ventes au siège / Sales service:  
[adv@commencal.com](mailto:adv@commencal.com)  
Téléphone / Phone: **+376 73 74 75**

## Customer Service

COMMENCAL Bicycles  
COMESPORT S.A  
BP36 - Erts  
AD400 La Massana  
PRINCIPAT D'ANDORRA

Du lundi au vendredi de 9h à 13h et de 15h à 19h  
/ Monday to Friday from 9 AM to 1 PM and 3PM to 7PM

[customerservice@commencal.com](mailto:customerservice@commencal.com)

Téléphone / Phone: + 376 73 74 93  
Fax / Fax: + 376 73 74 90