

EN

electricmotion

2017

em
electricmotion





eM Lite

p7

eM Sport



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eM Escape

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EM's bikes advantages



Electric Motion company advantages



An electric bike
at the best price

Best riders use EM bike

Direct delivery
with EM Package

2017 Improvements

EF



New Engine

From competition,
Extended speed range,
New inertial mass parameters



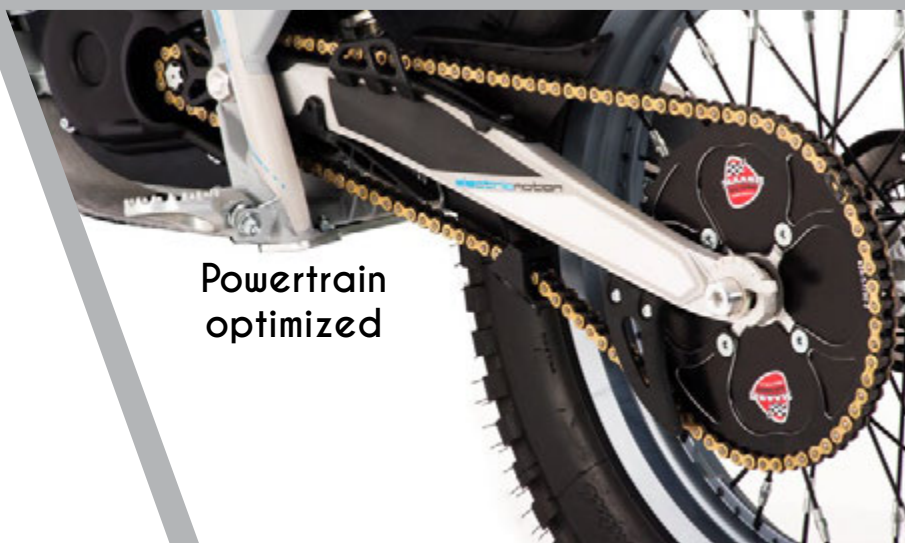
Suspensions settings

Improvements
Front & Rear



Battery

New BMS software



Powertrain
optimized



New
Brake master cylinder



New design
(stickers / colors)



LED Sport Light
Front & Rear
optional
(non homologated)



Improved general finishings
(wiring, ajustement & plastics fixation)

FE
2017 Improvements

emLite



Years of research, design and testing Electric Motion's lead to the evolution and production of our **lightest & economical trial bike** in our product range with **no loss in performance and efficiency**.

Equipped with same frame and dependable performance as our Sport edition the **EMLite** is a perfect fit for **leisure & rigorous riding challenges!**

The **EMLite** is perfect for **sport and recreational riding** featuring **comfort, balance and robustness**, Trial or Trek along in silence. Near **ZERO** maintenance = More **time to ride!**

EMLite is a perfect fit for Trial School (Academies) // Off Road Parks and trails // All riding enthusiasts!

***EMLite** available in **homologated** version (125cm³) also in **Red color**
OPTIONAL : **Extra Seat** (Quick & Easy install).*



CHASSIS

Frame

Perimetric 25CD4S

Front Suspension

Ollé Hydraulic Fork Ø40

Front Travel

175mm

Rear Suspension

Ollé R16V

Rear Travel

170mm

Front Brake

Hydraulic Disk 182mm 4pistons

Rear Brake

Hydraulic Disk 150mm 2pistons

Rims

Morad Trial 1,6"x21"
& 2,15"x18"
Black

DIMENSION

Wheel base

1350mm

Lenght

2035mm

Width

825mm

Seat height

700mm

Ground clearance

320mm

Footpegs Height

360mm

Weight

76kg

PROPULSION

Engine

Brushless DC

Power

5kW nominal
12kW pic : 16CV

Torque

18 Nm nominal / 27 Nm pic

Cooling

Air

Primary Transmission

By belt

Finale Transmission

By chain

Time Range*

50 to 150 min

Battery

LiPo 51,8V / 25Ah / 1,2kWh

Charging Time

150 min

* Range vary based on
riding style and drivetrain configuration

emLite
Easy to Ride

New design //
Aluminium grey frame

Extra seat
optional

ELS or rear brake
at the handlebar
optional

Battery
Regeneration
Electric Brake

New rear LED plate //
(optional) Non homologated

Opened sprocket cover

Easy to Ride

emLite



Average
Range *

2 hours



Full
Charge

150 min



Weight

76kg



Top Speed *

50km/h
60km/h **



Easy & Fun

* Range and top speed vary based on riding style and drivetrain configuration
** Off Road utilisation





E-TON

emSport



The **emSport** is designed for **competition** and leisure. Each and every component was developed with the focus on **high quality** and **performance technology design**.

The **emSport** is the latest edition which evolved from our last model, the **emSport** has been involved at the **2016 WTC** and achieving great success in **France's National Trials Championship in 2014 (S2 Category)**.

With a **brand new engine** the **2017 emSport** is more powerfull !
The **emSport** is equipped for **best racing** and performance parts ; Tech aluminium fork & R16V aluminium shock absorber, Xlite competition Michelin tires. CNC clamps & aluminium protector plate.

*emSport available in **homologated** version (125cm³). also in **Blue color**
The extra seat can be equipped on the emSport & emSport + (Quick & Easy install).*

Lighter (gain of 3kg with the new 16Ah battery), the **emSport+** reach **more performance**.



CHASSIS

Frame

Perimetric 25CD4S

Front Suspension

Tech Aluminium Fork Ø39

Front Travel

175mm

Rear Suspension

Ollé Aluminium R16V

Rear Travel

170mm

Front Brake

Hydraulic Disk 182mm 4pistons

Rear Brake

Hydraulic Disk 150mm 2pistons

Rims

Morad Trial 1,6"x21"
& 2,15"x18"
Tubeless
Dark grey matt

DIMENSION

Wheel base

1350mm

Lenght

2035mm

Width

825mm

Seat height

700mm

Ground clearance

320mm

Footpegs Height

360mm

Weight

73kg / 70kg***

PROPULSION

Engine

Brushless DC

Power

5kW nominal
12kW pic : 16CV

Torque

18 Nm nominal / 27 Nm pic

Cooling

Air

Primary Transmission

By belt

Finale Transmission

By chain

*Time Range**

50 to 150 min / 40 to 130min***

Battery

LiPo 51,8V / 25Ah / 1,2kWh
LiPo 51,8V / 16Ah / 0,9kWh***

Charging Time

110 min / 75 min***

* Range vary based on riding style and drivetrain configuration

*** EMSport +



emSport
Easy to Race



Bastien HIEYTE & his EMSport //
World Trial Championship - Italy _ September 2016



TECH Aluminium Fork
Optimized settings



Anodized Rims
Matt Grey



Racing parts



Transmission
Low friction
Chain & sprocket

Easy to Race

emSport



Average
Range *

110 min
80 min ***



Full
Charge

110 min
75 min ***



Weight

73kg EMSport
70kg EMSport+



Top Speed *

50km/h
60km/h **



The first
Electric
Champion

* Range and top speed vary based on riding style and drivetrain configuration
** Off Road utilisation // *** EMSport +





SPORTS TEAM

eScape



EScape

The **EScape** boasts the **longest range** of all our trial models.

Developed for **extreme ride** use, the **EScape** is as silent as it is **efficient**.

Our ergonomically designed trial bike, includes a battery allowing for **very long rides**. The **EScape** is the ultimate answer for your **wilderness** and **adventures**.

A nimble motorcycle with the **torque** and **power** that allows you overcome the **toughest terrain** and extreme **obstacles**.

Now you can **explore** forests, reach peaks and **regenerate** down mountains... **silently** with the **EScape**...

EScape available in homologated version (125cm3) and in Red color



CHASSIS

Frame

Perimetric 25CD4S

Front Suspension

Ollé Hydraulic Fork Ø40
Tech Aluminium Fork Ø39***

Front Travel

175mm

Rear Suspension

Ollé R16V
Ollé Aluminium R16V***

Rear Travel

170mm

Front Brake

Hydraulic Disk 182mm 4pistons

Rear Brake

Hydraulic Disk 150mm 2pistons

Rims

Morad Trial 1,6"x21"
& 2,15"x18" Black
Tubeless Dark grey matt***

DIMENSION

Wheel base

1350mm

Lenght

2035mm

Width

825mm

Seat height

850mm

Ground clearance

320mm

Footpegs Height

360mm

Weight

79kg

PROPULSION

Engine

Brushless DC

Power

5kW nominal
12kW pic : 16CV

Torque

18 Nm nominal / 27 Nm pic

Cooling

Air

Primary Transmission

By belt

Finale Transmission

By chain

*Time Range**

110 to 200 min

Battery

LiPo 48,1V / 40Ah / 1,9kWh

Charging Time

180 min

* Range vary based on riding style and drivetrain configuration

*** E^Scape Sport

Battery offering
the best range
of our electric Trial bikes



eScape
Adventures
unlimited

Seat & ergonomics studied
for comfort



Available in Sport Version

Adventure Unlimited

eScape



Average
Range *

2h45min



Full
Charge

3h



Weight

79kg



Top Speed *

50km/h
60km/h* *



Made for
adventure

* Range and top speed vary based on riding style and drivetrain configuration
** Off Road utilisation





YZF-R125

The background of the entire image is a photograph of a mountain bike on a rocky trail. The bike is positioned in the upper half of the frame, with its handlebars, front fork, and front wheel visible. The trail is made of light-colored rocks and is surrounded by dense green trees and bushes. Overlaid on this image is a large logo consisting of the letters 'e' and 'm' in a stylized, blocky font. The 'e' is black, and the 'm' is blue. Below these letters, the word 'electricmotion' is written in a blue, sans-serif font. The bottom of the image features a blue gradient bar containing contact information.

em electricmotion

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