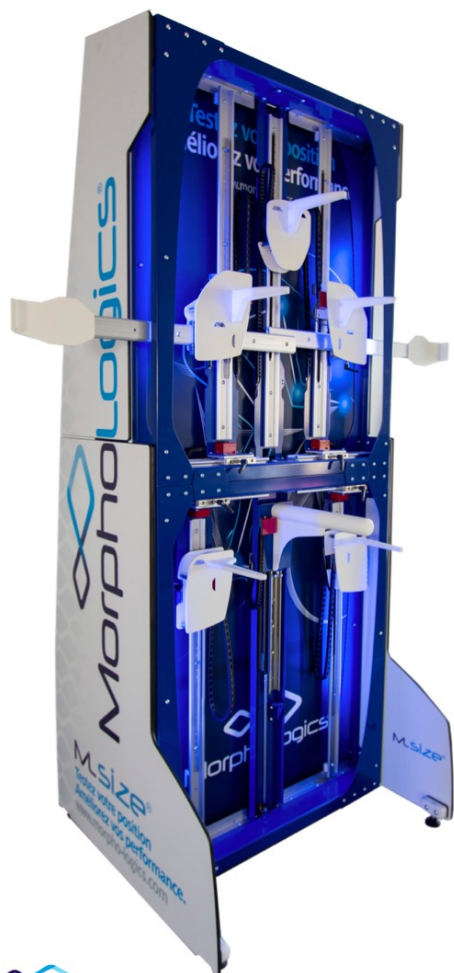




INTRODUCING THE MORPHOLOGICS POSTURAL SYSTEM



**Made in
France**

Address 1 :
13, rue de la Saulaie
35400, Saint-Malo

Address 2 :
8 rue Pascal,
69500, Bron

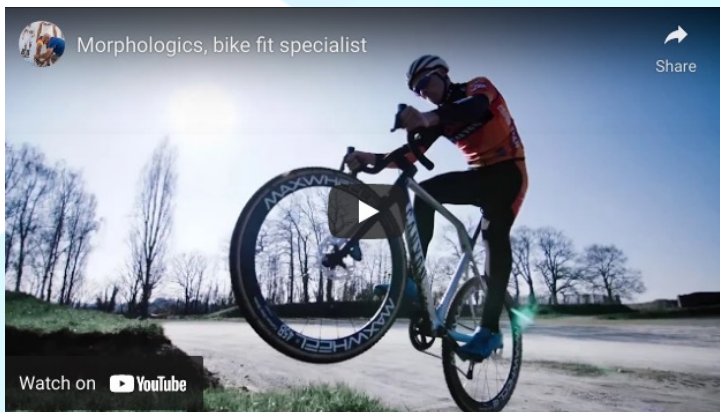
ABOUT US



MorphoLogics, based in Saint-Malo and Bron (**France**), is a family-owned and innovative company! It develops and distributes a **complete and advanced postural studies system**, dedicated to cycling.

The **MorphoLogics Postural System** improves the **health, comfort** and **performance of the cyclist**, by optimizing his position on the bike.

Founded by Michel and William Le Goallec, **MorphoLogics** is the result of **30 years of ergonomic expertise** with practitioners and cyclists of all levels.



Discover us in only **2 minutes** on **YouTube** :
<https://youtu.be/ZLVRqYKcD7g>

EXCEED YOUR PERFORMANCE BY ADOPTING THE PERFECT POSITION

OUR ML POSTURAL SYSTEM :



- The **MorphoLogics Postural System** software works with the algorithm based on raw efficiency optimization and fatigue reduction.
- It combines **health, performance** and **comfort**, taking into account the **level of the cyclist** (elite competition, ultra endurance, athletic, hobby, leisure, urban ...) and **his type of practice** (road, gravel, mountain bike, time trial, triathlon, cyclo-cross, e-bike).
- It uses **11 anthropometric measurements**.

EXCEED YOUR PERFORMANCE BY ADOPTING THE PERFECT POSITION

OUR ML POSTURAL SYSTEM :



- It is the result of many years of research with the **Lyon medico-sports center** and the **Universities of Reims & Rennes**, with more than **3,500 cyclists** of different profiles who have contributed to the development of the **MorphoLogics Postural System**.
- Today, more than **43.000 studies** have been carried out.

EXCEED YOUR PERFORMANCE BY ADOPTING THE PERFECT POSITION

OUR ML POSTURAL SYSTEM :



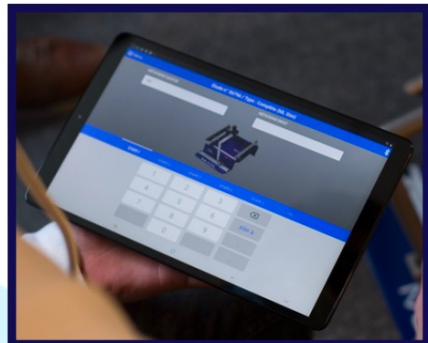
For any type of practice :

- **Road**
- **Time Trial and Triathlon**
- **Mountain Bike** including **Enduro, Cross-Country** and **All Mountain**
- **Cyclo-Cross** and **Gravel**
- **E-Bike** for urban use (at a lower price)

Possibility to choose **brands** and **models of frames** among **5.000 data** available (ideal for selecting bike brands of the store) and the most adapted saddle

EXCEED YOUR PERFORMANCE BY ADOPTING THE PERFECT POSITION

OUR ML TOOLS :



ML SIZE



ML CLEAT



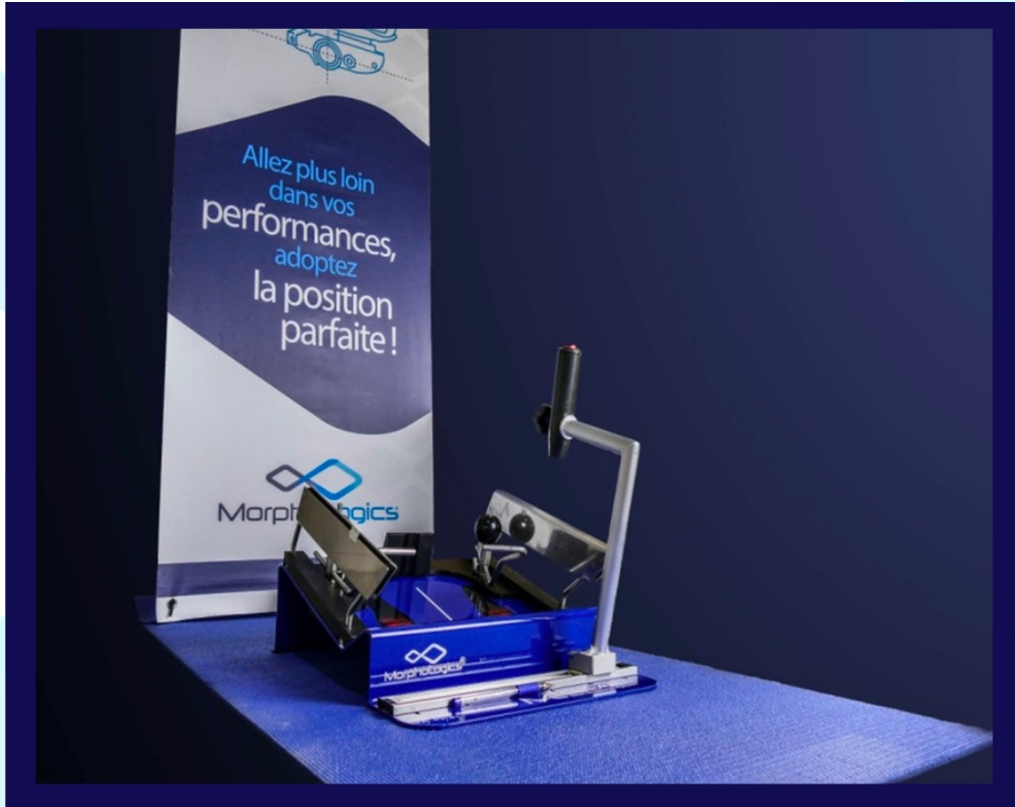
ML RIGHT

EXCEED YOUR PERFORMANCE BY ADOPTING THE PERFECT POSITION

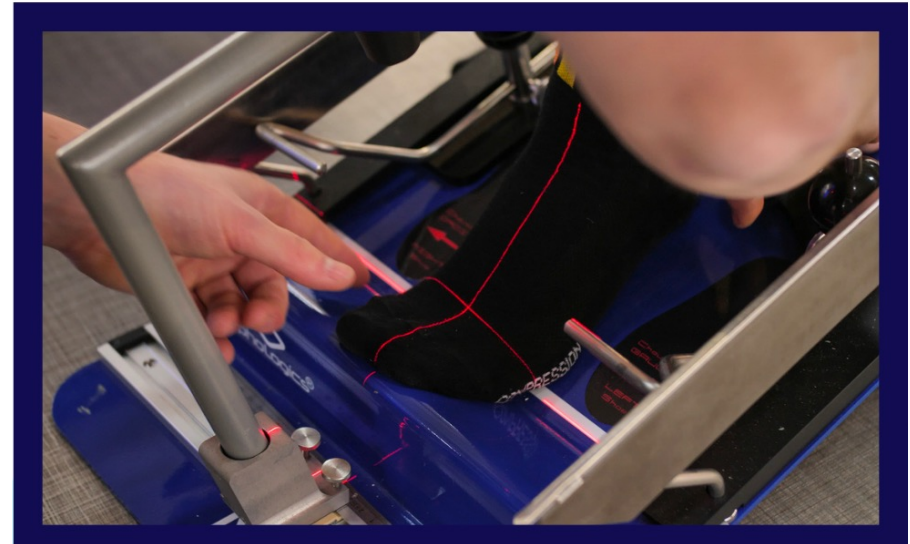
USING THE ML POSTURAL SYSTEM



Step 1 : Measurements with the ML Cleat

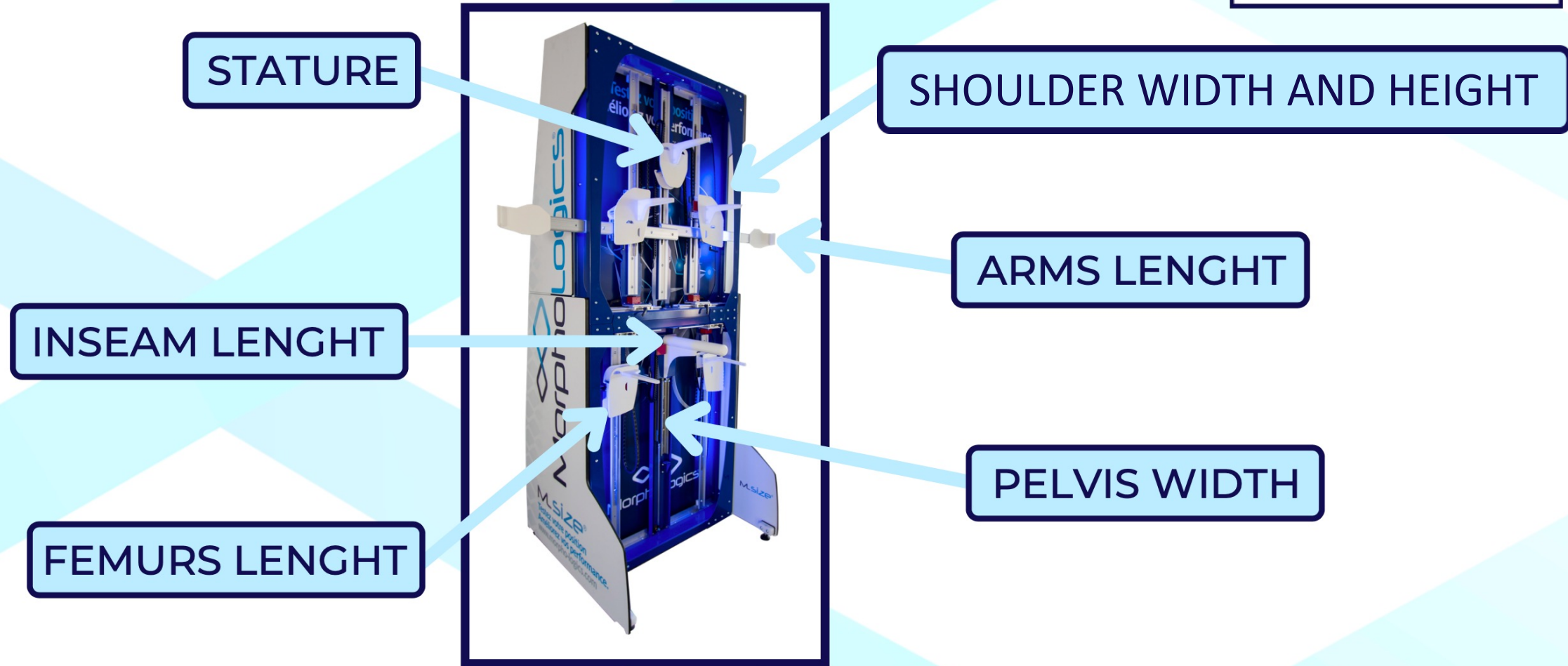


LEFT AND RIGHT
FIRST METARSTASIAL LENGHT



EXCEED YOUR PERFORMANCE BY ADOPTING THE PERFECT POSITION

➤ Step 2 : Measurements with the ML Size



EXCEED YOUR PERFORMANCE BY ADOPTING THE PERFECT POSITION

Step 3 : results of the BIKE FIT study on the tablet computer



Retour à l'application

Card complete study (ML Size) n°

Complete (ML Size), created 11/07/2023 at 10:59, updated 13/07/2023 at 12:03 by LE GOALLEC William (MORPHO LAB Rhone)

CUSTOMER IDENTIFICATION

CUSTOMER CODE
Customer card

NAME

FIRST NAME

GENDER
Man

ADRESS

PHONE 1

PHONE 2

EMAIL

I AUTHORIZE THE CENTER OF EXPERTISE TO SEND ME MY STUDY BY E-MAIL
Yes

Customer information

INDIVIDUAL CHARACTERISTICS

AGE 24 years	GENDER Man	WEIGHT 70 kg
TYPE OF PRACTICE Road	LEVEL OF PRACTICE Competition	ANNUAL MILEAGE 7000 km
SHOE SIZE EUR 42	LEFT METATARSAL 195 mm	RIGHT METATARSAL 197 mm
CROTCH 881 mm	LEFT SHOULDER HEIGHT 1443 mm	RIGHT SHOULDER HEIGHT 1444 mm
STATURE 1792 mm	LENGTH LEFT ARM 1125 mm	LENGTH RIGHT ARM 1134 mm
SHOULDER WIDTH 402 mm	TRAUMA No	PELVIS WIDTH 327 mm
LEFT FEMUR LENGTH 387 mm	RIGHT FEMUR LENGTH 382 mm	LEFT SHIN LENGTH 494 mm
RIGHT SHIN LENGTH 499 mm		

USE DEVICES

PEDALS BTWIN 500 SEMI AUTOMATIQUE	SHOES ADIDAS RACE
SADDLE ADRIS NEAVE	WHEEL TYPE 700 mm

RECOMMENDED SADDLES

We have 185 saddles to recommend.

Select saddle

STUDY INFORMATIONS

SADDLE WIDTH
The study advises a seat width of: 139 mm

Customer information

POSITIONING OF Name LAST NAME

SEAT HEIGHT
778 mm

SADDLE SETBACK
358 mm

SADDLE CENTER POINT
124 mm

SADDLE LENGTH / BAR
<110 mm

MAXIMUM SADDLE/HANDLEBAR HEIGHT DIFFERENCE
73 mm

BAR DEPTH
<110 mm

DROP DU CINTRE
<170 mm

BAR WIDTH
420 mm

Optimal position

ALLEZ PLUS LOIN DANS VOS PERFORMANCES, ADOPTEZ LA POSITION PARFAITE !

ML RIGHT ©

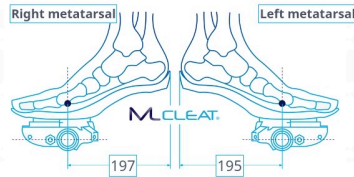
MEASUREMENTS BEFORE POSTURAL STUDY 11/07/2023

RECU/SEATBACK -	BOTTOM BRACKET HEIGHT -	SEAT HEIGHT -
SADDLE SETBACK -	LENGTH AXIS CRANKSET / HANGER -	MINIMUM HEIGHT OF THE ML RIGHT © HANDLEBAR -
LENGTH OF CRANKS -	DROP CENTRE -	
PEDALS BTWIN 500 SEMI AUTOMATIQUE	SADDLE ADRIS NEAVE	SHOE ADIDAS RACE

ADJUSTMENTS AFTER POSTURAL STUDY

RECU/SEATBACK -	BOTTOM BRACKET HEIGHT -	SEAT HEIGHT ML RIGHT © -
SADDLE SETBACK ML RIGHT © 358 mm	LENGTH AXIS CRANKSET / HANGER -	MINIMUM HEIGHT OF THE ML RIGHT © HANDLEBAR -

POSITION SHIMS

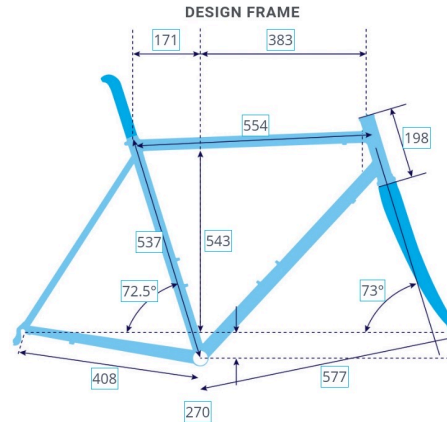


RIGHT METATARSAL
ML CLEAT ©
197 mm

LEFT METATARSAL
ML CLEAT ©
195 mm

Optimal position

GEOMETRY OF THE FRAME Name LAST NAME - MAN



TRADITIONAL GEOMETRY OF THE DESIGN FRAME

SEAT TUBE HEIGHT 569 mm	TOP TUBE LENGTH 554 mm	ANGLE OF SADDLE / PEDAL TUBE 72.5 °	ANGLE OF THE STEERING SLEEVE 73 °
SET BACK 171 mm	REACH 383 mm	STACK 543 mm	HEIGHT OF THE RECOMMENDED BOTTOM BRACKET 270 mm
FORK RAKE 43 mm	TRAIL 58 mm	ENTRAXE FRONT 577 mm	ENTRAXE REAR 408 mm
WHEELBASE 975 mm	STEM LENGTH 120 mm	LENGTH OF CRANKS 172.5 mm	HEAD TUBE 180 mm

RECOMMENDED FRAMES

We have 128 frames for you including 103 sold in store.

Select a frame

Optimal bike frame

SLOPING GEOMETRY

HEIGHT OF THE RECOMMENDED SEAT TUBE 537 mm	REAR SLOPE 32 mm	FRONT SLOPE 18 mm	TOTAL SLOPE 50 mm
STACK HEIGHT 19 mm	SPACER 10 mm	OPTIMUM LENGTH OF THE SLEEVE TO AVOID A STACK OF RINGS 198 mm	

EXPERT'S COMMENT

The expert did not leave a comment

LEGAL INFORMATION

Explicit personal data use agreement issued on : 11/07/2023 at 11:49

Optimal bike frame

Choice of **brands** and **frame models** from **5000 data** available

Allow to select from the store's brands

SELECT ONE RECOMMENDED FRAME ×

We have **128 frames** for you including **103** sold in store.

Display :

In store frames

All frames

Recommended frame

Select a frame

✓ Save this recommended frame



RECOMMENDED FRAMES

We have **128 frames** for you including **103** sold in store.

Select a frame

Saddle choice

To select the saddle best suited according to the length and the width among those of the store



SÉLECTIONNER UNE SELLE CONSEILLÉE

Selle Conseillée

Choose a device

Que souhaitez-vous faire ? *

- Enregistrer sur l'étude
- Remplacer la selle existante et recalculer l'étude

✓ Appliquer



RECOMMENDED SADDLES

We have **183 saddles** to recommend.

Select saddle

EXCEED YOUR PERFORMANCE BY ADOPTING THE PERFECT POSITION

➤ Step 4 : Adapting the bike with the ML Right



- The **ML RIGHT** has been designed to allow the technician to accurately interpret the result of the bikefit study from the **ML postural system**.
- The bike is positioned on a **stable work surface**, which allows precise adjustment of the **saddle** (height, setback, and alignment) and of the **handlebar** (height, length, alignment, height of the levers).
- Like the **ML Cleat** device, this tool allows a transfer of measures combining **speed, simplicity** and **reproducibility**, regardless the type of bike (road, MTB, TT Bike, tandem).

EXCEED YOUR PERFORMANCE BY ADOPTING THE PERFECT POSITION

Handlebar extension measurements for Time-Trial and Triathlon

Allow the measurement of the distance between the handlebar of the extender and the pads of the extender in order to place the centre of the pad in the correct position.

This adjustment optimises the comfort and the performance for Time-Trial and Triathlon



EXCEED YOUR PERFORMANCE BY ADOPTING THE PERFECT POSITION

Aligning the derailleur with the chain

Positioning the derailleur correctly in relation to the chain will improve gear shifting



EXCEED YOUR PERFORMANCE BY ADOPTING THE PERFECT POSITION

Services offers



Doing the bike fitting BEFORE buying a bike is the best option!

In order to choose the most suitable bike with the right frame size and the right choice of components (handlebar, stem, length of cranks...).

We strongly recommend it to each cyclist

Multiple services possible

1/ **Bike fitting**

2/ Only **ML CLEAT** in order to just have the perfect cleat adjustment

3/ measurement of the crotch: allows the customer to know this fundamental data

4/ **Saddle**: choosing the right size and the right wide of the saddle

5/ **Saddling** and **E-Bike study**: simplified postural study, meets the need for a fast positioning in 3 measurement points at a lower price.

EXCEED YOUR PERFORMANCE BY ADOPTING THE PERFECT POSITION

ADDITIONAL INFOS



➤ Duration and price of the bike fit study:

Cleat adjustment = 15min **(30€ *)**

Postural study = 40 min **(150€*)**

Bike adjustment = 35 min **(50€ *)**

Total amount =

230€*

* price recorded in shop

➤ Dimensions of the ML RIGHT:

Height : **160cm**

Depth : **40cm**

Width : **180cm**

➤ Dimensions of the ML CLEAT:

Weight : **13,5kg**

Palette Dimension : **510x370x230**

Cube Dimension : **50x50x50**

XBANNER Tube : **10x10x100**

➤ Dimensions of the ML SIZE:

Height : **212cm**

Depth : **85cm**

Width : **85cm**

EXCEED YOUR PERFORMANCE BY ADOPTING THE PERFECT POSITION

- Banners and a foam cube can be provided to highlight your **ML Postural System** in the store.
- The rear of the **ML SIZE** can be used as a fitting room.



Foam cube



Fitting room



Outside banner



Inside banner

EXCEED YOUR PERFORMANCE BY ADOPTING THE PERFECT POSITION

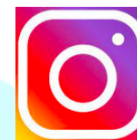
FOLLOW & CONTACT US



- E-mail adress : **contact@morpho-logics.com**
- Phone number : **+33 6 18 75 17 50**
- Web site : **www.morpho-logics.com**



MorphoLogics



morphologics

EXCEED YOUR PERFORMANCE BY ADOPTING THE PERFECT POSITION

THANK YOU FOR YOUR ATTENTION

OUR PARTNERS

Université de Rennes 2



Laboratoire M2S - ENS Rennes



école normale supérieure



Université de Reims Champagne-Ardenne



SATISFIED BY THE ML CLEAT

Laboratoire GRESPI



Cadre de vélo sur-mesure



Made in France

SEE YOU SOON !

EXCEED YOUR PERFORMANCE BY ADOPTING THE PERFECT POSITION