

E-TURTLE



ELECTRONIC AIRBAG SYSTEM

**IN BLACK &
YELLOW HI-VIS**

*An electronic airbag vest
designed for everyday rides!*



COLLECTION
2020

E-TURTLE



Soft neoprene collar
for a better comfort



E-cartridge
hidden in a
pocket



Resistant
adjustment straps



Retro reflective panels
and/or yellow hi-vis color for
night visibility



WITHOUT SUBSCRIPTION



689 €

729€

739 €




779€

Sizes XS -> XL

Sizes L-L & XL-L

♀♂ For women
and men

FEATURES

 Elektronic System	The system uses multi-sensor detection which allows a total analysis of the situation and complete 360° protection (see further details below).
Option 'Full Protection'	For total and optimal protection, it is highly recommended to add a second sensor on the motorcycle fork. This option makes it possible to divide the detection time by 2 and to cover more accidents, which includes stationary and low speed accidents.
 TURTLE Technology	Our vest integrates the TURTLE technology: the airbag is located under the SAS-TEC back protector level 2. This innovation brings a very big improvement of the back protection reducing the risks of intrusion. The impact force is distributed over the entire airbag, significantly increasing energy absorption.
Wireless system	The system is ready to use and also easy to use. No more need to connect yourself with the motorcycle, just press the ON/OFF button 3 times to activate the vest.
Autonomy	The e-Turtle has a 25 hours autonomy which is about 1 week of use. A USB cable is supplied with the airbag system to recharge the vest (charging time about 3 hours).
Reconditioning	The e-cartridge is easily and quickly replaceable by yourself in a few minutes and at low cost.
Adjustable	Three adjustment straps to fit the vest nicely over any motorcycle gear. Resistant fastening clips to sustain many inflations. Easy to open and close even with gloves.
Certification 	Our airbag systems are CE certified by the ALIENOR CERTIFICATION laboratory, a recognised and independent institute that certifies protective equipment for motorcyclists (PPE).

The vest will appeal to motorcyclists who want a system that is simple to use and ready to use while looking for the best airbag protection. The e-Turtle model is unisex, available in black and yellow hi-vis and can be worn over any motorcycle garment.

**ULTRA FAST DETECTION
& MULTI-SENSORS**

The system allows detection from 31 ms to 30 km/h with the fork sensor.

WIRELESS

An easy to use and ready to use system: no need to connect yourself with the motorcycle or via an application.

AIRBAG VOLUME

the biggest on the market between 17 and 28 liters of protection depending on your airbag size.

REUSABLE

by yourself in a few minutes and at low cost. You simply need to replace the e-cartridge.





AIRBAG ELECTRONIC SYSTEM

The vest integrates the 'Electronic Airbag System' technology developed by Helite. A more convenient wireless system, a faster detection (multi-sensors) and more covered accidents (option 'full protection').

OPTION 'FULL PROTECTION' FORK SENSOR

ON THE MOTORCYCLE

detects the impacts on the motorcycle

is easily installed on the motorcycle

is autonomous: no battery to change (5 years autonomy)



VEST SENSOR INTEGRATED IN THE VEST



analyzes the motorcyclist's motion in context

long autonomy (about 25H which is 1 week of use)

Detection time of the airbag vest (CDU sensor): 60 ms / with fork sensor: 31 ms

The fork sensor divides the detection time by 2

According to crash tests conducted by Utac for a speed of 35km/h (85% of accidents)

OPTION 'FULL PROTECTION'

For complete protection, it is highly recommended to add a fork sensor to the motorcycle. The sensor detects impacts on the motorcycle and communicates with the sensor in the vest.

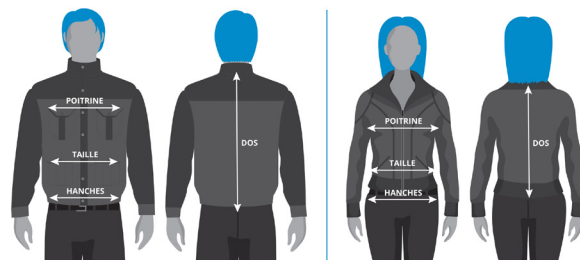
- **A faster detection** and at first impact: we ensure a detection time from 31 ms at 30 km/h.
- **More accidents covered:** protection at standstill, at low speed and at any angle of impact.



119 €

SIZE CHART

Please keep in mind, that our e-Turtle must always be worn over your motorcycle clothes. Every person has its own body type, our size charts are for information only.



E-TURTLE (cm)	XS	S	M	L	XL	L-L	XL-L
Height	145-165	155-170	165-175	170-185	180-195	170-185	180-195
Chest line <i>with clothes</i>	60-85	80-95	85-100	90-105	95-110	100-115	105-130
Waist line <i>with clothes</i>	60-75	70-80	75-85	80-90	85-95	90-115	100-125
Hip line <i>with clothes</i>	65-80	80-95	85-100	90-105	95-110	100-115	105-130
Back length	30-45	45-55	50-60	55-65	60-70	55-70	60-75
E-cartridge	60 CC	60 CC	60 CC	60 CC	60 CC	100 CC	100 CC

FAQ

1 What are the differences between the mechanical and the electronic detection?

The difference is mainly in the detection time. The electronic system allows a faster detection and from the first impact from 31 ms (with the fork sensor) against 100 ms detection time for the mechanical systems. Nevertheless, both systems guarantee the same level of protection: big airbag protection volume, optimal protection of the neck and vital parts, Turtle effect.

2 What is the autonomy of the vest and of the fork sensor?

The e-Turtle has an autonomy of 25 hours, or about a week of use. You can recharge it using the USB cable supplied with the vest. The fork sensor has an autonomy of 5 years without recharging.

3 What are the advantages of the option 'Fork sensor'?

For complete protection, it is highly recommended to add the 'Full Protection' option which includes an additional sensor to be installed on the motorcycle fork. The two sensors are paired and analyze the situation in real time.

The advantages of the fork sensor are:

- **A faster detection and at first impact: we ensure a detection time from 31 ms at 30 km/h.**
- **More accidents covered: protection at standstill, at low speed and at any angle of impact.**

4 How to activate and deactivate the system?

The e-Turtle vest is wireless and easy to use. No need to connect yourself with the motorcycle. To switch it on or off, simply press the ON/OFF button 3 times.

5 Is the airbag reusable after an inflation?

Yes, like our mechanical models, as long as the airbag is in good condition (no holes, tears) you can reuse it. Easy to use, you can recondition the system by yourself in a few minutes, there is no technical knowledge needed. Simply replace the used (and therefore empty) e-cartridge with a new e-cartridge, available at all our dealers. Caution, check that the size of the e-cartridge corresponds to the size of your airbag vest.

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