

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



Nok 7690,-

Nok 7990,- **Nok 550,-**

Sizes XS -> XXL

E-CO2 Cartridge

♀♂ For women and men

WITHOUT SUBSCRIPTION



FEATURES

 Electronic 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.

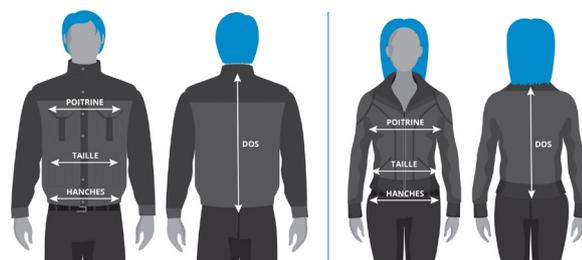
REUSABLE

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



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 with clothes	60-85	80-95	85-100	90-105	95-110	100-115	105-130
Waist line with clothes	60-75	70-80	75-85	80-90	85-95	90-115	100-125
Hip line with clothes	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	100 CC	100 CC				



ELECTRONIC AIRBAG 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'

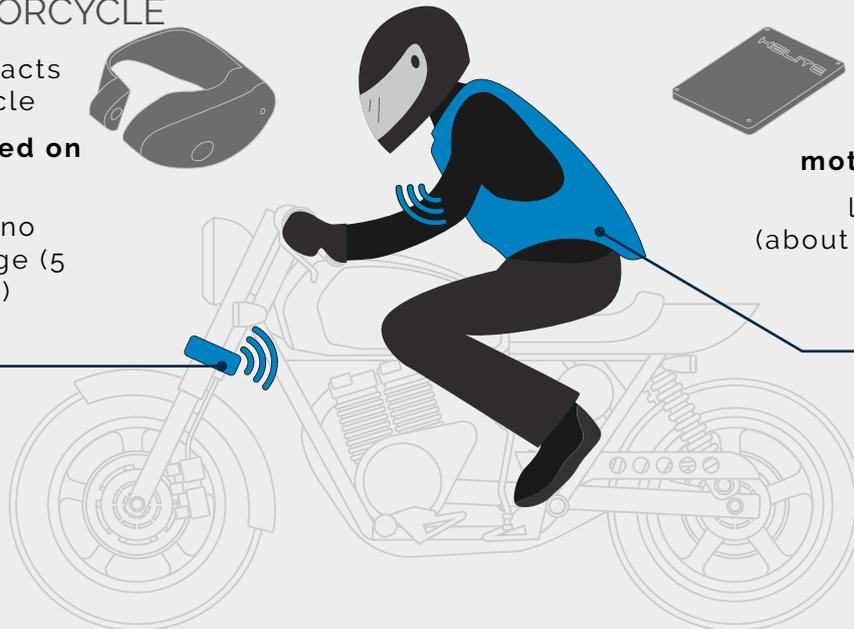
FORK SENSOR

ON THE MOTORCYCLE

detects the impacts on the motorcycle

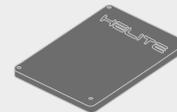
is easily installed on the motorcycle

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.



Nok: 1490,-

www.helite.com

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