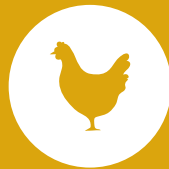


Human and Animal Health by Technology



Robotics and Artificial Intelligence working for poultry farming

XO



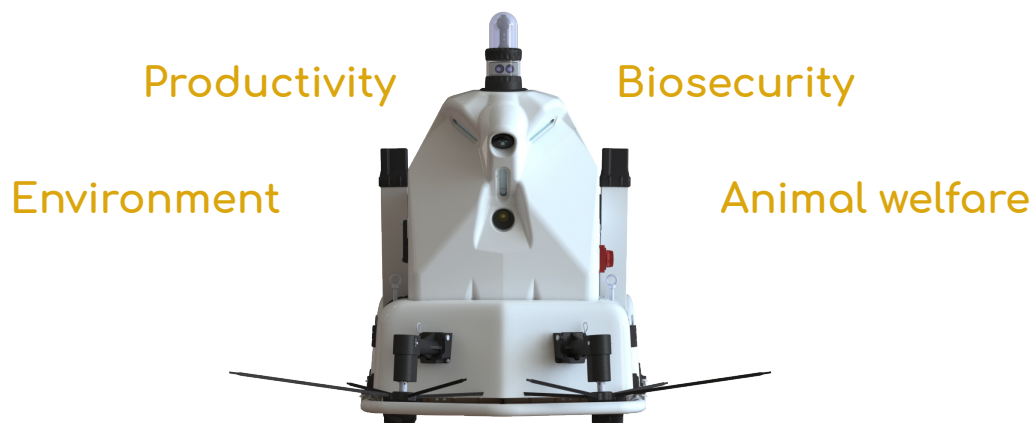


COMBINING PRODUCTIVITY, ENVIRONMENT AND ANIMAL WELFARE

XO is designed for poultry farmers who want to increase their productivity thanks to animal welfare improvement.

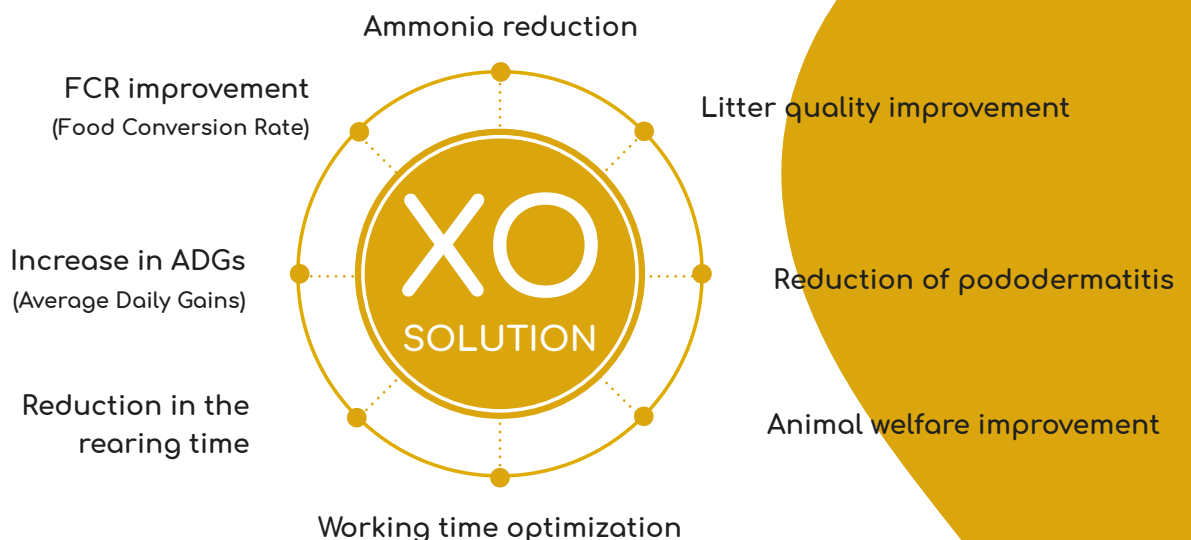
Poultry farming face major challenge: reconcile productivity, biosecurity and expectations of society where the environment and animal welfare are of major concerns.

XO was designed to meet these challenges.



XO provides environmental, animal treatment and monitoring. This combination of autonomous robotics and Artificial Intelligence now offers new perspectives for poultry farming.

BENEFITS





ROBOTIZE AND ANALYZE TO IMPROVE EVERYDAY LIFE

XO improves the production conditions of poultry farms on a daily basis. A concentrate of advanced technologies serving health, biosecurity and productivity.

Scarification

- Drying up the litter
- Ammonia reduction



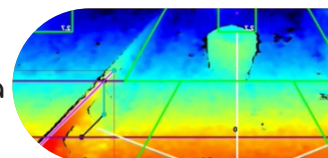
Diffusion of sanitizing solutions

- Litter sanitation
- Diffusion as close as possible to the litter/ animals



Environmental monitoring

- Sensors and alerts
- Mapping: temperature, humidity, ammonia



Animal monitoring

- On-board cameras
- Image analysis by Artificial Intelligence



Data analysis

- Data processing and access
- Real-time alerts



Technical characteristics

Navigation	Autonomous or manual
Type of litter	Shavings, pellets, rice straw, short straw
Dimensions (mm)	1120 x 1400 x 800 (L x w x h)
Weight	Approx. 80 kg
Functions	Scarification, sanitation, monitoring
Autonomy	> 10 hours
Nominal working speed	> 200 sq. m/h
Digital tablet	Customized configuration, remote control, monitoring of indicators and alerts
Cloud	Data access and configuration
Options	Separation chamber Harden tablet Automatic charging station



SUPPORT TO GUARANTEE SUSTAINABLE SUCCESS

Long term customer support to ensure productivity increase.
Octopus Biosafety ensures high availability of services.

A global support

Installation support

- Installation and start-up
- Use and exploitation training

Excellence in embedded technologies

- Equipment robustness and durability
- 5 years warranty

Technical support

- 24/7 monitoring
- Support <72h

Maintenance

- Preventative replacement of spare parts
- Maintenance visits and on-site checks



A sustainable support

The **XO** solution is part of an economic and environmental approach and offers a customer support over a minimum period of 5 years.



Robot



Installation



Maintenance



Cloud

30
YEARS

OF TECHNOLOGICAL INNOVATIONS DEDICATED TO HEALTH

Our mission:

Improve human and animal health through technology.



Founded in 1987 in Cholet (France), Octopus Biosafety is a leading company at international level specialised in designing, manufacturing and commercialising of mobile, autonomous, intelligent and modular robots.

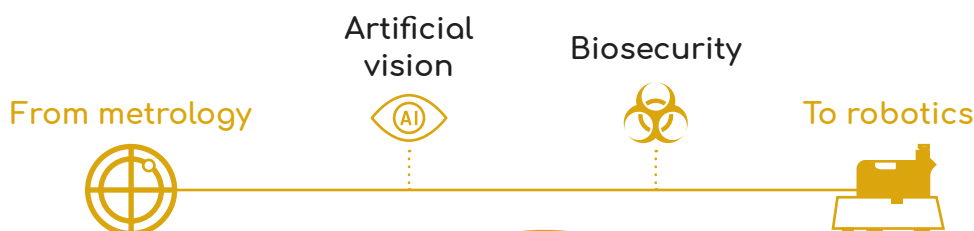
In 2015, thanks to its expertise in electronics, automation and artificial vision, Octopus Biosafety has been the pioneer in the development of innovative line of robots including a «sanitary robots» line intended to efficiently decontaminate Public-Access building (PAB).



At Octopus Biosafety, we are passionate and proud to provide a full range of robotic solutions. Whether you need to optimise your working time, to improve your productivity, to record your data, to treat and disinfect the litters to improve animal welfare: we have the solutions adapted to your need.

We do our utmost to manufacture and distribute our solutions with the greatest efficiency whilst maintaining the highest quality standards.

- 1987 Creation of MCAI (Cholet - France)
- 2012 Patented airborne surface disinfection technology
- 2015 Autonomous robot for biosecurity and fight against pandemics
- 2017 IPO (Euronext, Access)
- 2018 Autonomous robots dedicated to poultry farming
- 2020 Device for disinfection and fight against COVID
- 2021 Relocation to a new site in Auray (Brittany, FRANCE)





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Contact our teams for additional questions or information.



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