PRESS KIT – IPPE 2020

“Our objective: improve working conditions for growers while increasing profitability and animal welfare.”

Yanne Courcoux, CEO
TIBOT Technologies, a pioneer in poultry robotics, was born from the field

Reduce the breeder’s workload while improving animal welfare and the farm’s profitability.

In a climate of shifting demedication regulations and increasingly higher quality standards, floor-eggs are now considered contaminated and downgraded as a result. To limit floor-eggs, poultry farmers walk through the flock two to three times per hour to get hens moving and encourage them to lay in the nests, which is a repetitive, tedious and sometimes stressful task for the farmer.

The company originated with a couple of poultry farmers, Laetitia and Benoit Savary, who were concerned with finding a solution to floor-eggs on poultry breeder farms. In 2016, they turned to the Cimtech engineering office to develop a technical solution. In the meantime, Yanne Courcoux, CEO, joined the couple to develop the young startup.

Spoutnic is born! As a completely independent assistant, the robot helps the farmer stimulate the animals by circulating throughout the flock to get hens moving and encourage them to lay in the nests. This provides greater comfort for the breeder while increasing profitability and the animals’ well-being.

Tibot Technologies secures € 3.9 million after the second funding round in 18 months

TIBOT Technologies announced in October 2019 a fundraising of 3 million euros from Demeter and Seventure Partners and its historical investors Breizh Up and Crédit Agricole Ille et Vilaine Expansion who had already invested 900k € in April 2018. The round table has been completed by its banking partners Crédit Agricole Regional Bank of Ille-et-Vilaine, BNP Paribas and Crédit Mutuel de Bretagne.

“The new funds will be used to accelerate the development of our marketing strategies and to support operations to create greater value for existing customers. We plan to take our solution to the next level, offering more, increasingly innovative features based on a close-to-the-field approach.”

Yanne Courcoux, CEO
As a tireless assistant, Spoutnic patrols the poultry house 7 days a week to encourage birds to lay in the nests. It reduces the number of floor-eggs.

In breeders, more active birds lead to higher hatching rates. Clean eggs in the nests means healthier chicks.

Plug and play, Spoutnic requires no technical installation. Spoutnic moves randomly and independently throughout the poultry house. Thanks to a customisation controller, you can adjust the stimuli to create movement but no stress, which means animals will eat and drink better.

Spoutnic continually walks the floor according to configurable schedules. It saves you time and reduces tedious daily tasks.

“Thanks to Spoutnic, I’m much more efficient in my morning walkthroughs. My job as a grower is to check that everything is all right and monitor the health of my chickens... not pick up eggs from the floor! Spoutnic reduced my rate of floor-eggs to 0.1-0.2%.”

Pierre Marais, Free-range Layers
70% of the company's turnover is export-derived

A prototype of the robot was presented in 2016 at SPACE, the international livestock exhibition, where it won the 3-star Innov’SPACE award. The robot was first marketed during the 2017 edition. With Spoutnic, TIBOT Technologies gains a foothold in international markets. Plug and Play, Spoutnic requires no particular installation.

“A Plug and Play robot gives us the opportunity to sell directly. Today, 70% of our turnover is export-derived through trade with fifteen countries in Europe, North America and Japan”

Yanne Courcoux, CEO

SPOUTNIC NAV, a robot designed for broilers

At the most recent edition of SPACE in September 2019, TIBOT Technologies presented a second line of robots, the Spoutnic NAV. Dedicated to broilers, this latest robot solution spent 24 months in the development stage and is designed to fulfil two primary functions.

Firstly, Spoutnic NAV stimulates the activity of the birds which are naturally given to inertia in livestock settings. Sedentary behaviour impacts their health. The robot stimulates the natural activity of chicks and boosts their weight gain. With Spoutnic NAV, chickens move and scratch more, and above all drink and eat better.

Secondly, equipped with a scraper adapted to floor conditions, the robot scrapes and aerates the litter to reduce the compacting and humidity that trigger the fermentation process. Thanks to this action, the robot reduces certain pathologies such as foot pad dermatitis, hock burns and breast blisters.

Spoutnic NAV is equipped with an indoor navigation system enabling it to navigate with precision according to a self-generated or user-defined trajectory. As your round-the-clock assistant, Spoutnic NAV patrols all day long between drinker nipples and feed delivery systems.
Stimulates animals

Aerates litter

Working as close to the field as possible to develop solutions for poultry farmers

TIBOT Technologies customers include many cooperatives and farm industry players such as Le Helloco, Agrial, LDC and Prodavi. In a feedback-based approach to continual improvement, TIBOT Technologies works with its customers to develop solutions. The company focuses on industry needs and applies agile testing methods in partnership with poultry farmers.

At the start of 2019, Tibot Technologies also participated in Synapse, Boeringher Ingeheim’s e-health accelerator program. The company also plans to push forward with R&D efforts to stay technologically ahead.

Located in France near Rennes, TIBOT Technologies is a team of eight employees, with four of them dedicated to R&D. The poultry robotics specialist will recruit for the company’s sales & marketing development.

“We’ve put two robots on the market in 36 months. That’s quite a success for a company of our size! We now have a range of solutions for every type of production, from breeders to broilers.”

Yanne Courcoux, CEO
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