



Big Dutchman®



Sharky 430

The first highly automated cleaning robot developed specifically for rearing and laying aviaries

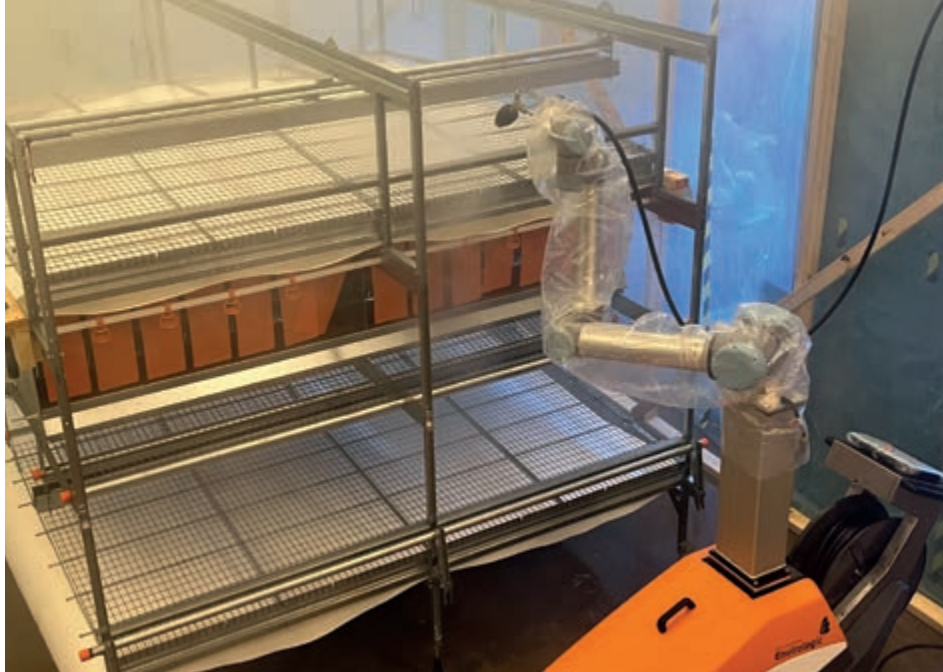
Sharky 430

Flexible programming, compact design and ideal cleaning results

In co-operation with Envirolagic, a Swedish company with more than 20 years of experience with fully automatic cleaning robots, Big Dutchman has developed **Sharky 430**, the world's first autonomous cleaning robot for rearing and laying aviaries.

During development, special attention was paid to designing the cleaning arm. Its many degrees of freedom make the arm highly flexible so it can reach areas that are normally difficult to access, such as the nest or inner troughs. Sharky 430 senses components of

the aviary system for contactless orientation, i.e. guide rails are not necessary. The robot can be used around the clock, even at night, without human intervention. Status messages are automatically sent to a mobile phone.



Sharky 430 at work



Thorough cleaning of the nest



Inside and outside cleaning of the feed trough

ADVANTAGES

- ✓ much less time required for cleaning due to the high degree of automation;
- ✓ no more strenuous manual work;
- ✓ very good cleaning results: improved hygiene in the house;
- ✓ economical use of water to save resources;
- ✓ accurate and easy programming for the specific aviary type;
- ✓ compact design: easy to use even in narrow aisles;
- ✓ ideally suited for an aviary height of up to 4.30 m;
- ✓ cordless operation with a battery;
- ✓ water temperatures of up to 80 °C;
- ✓ pre-installed cleaning programs for Big Dutchman aviaries.

Sales release is planned for the fourth quarter of 2025.



Big Dutchman

Europe, Middle East & Africa:
Big Dutchman International GmbH
P.O. Box 1163 · 49360 Vechta, Germany
Phone +49(0)4447 801-0 · Fax -237
big@bigdutchman.de
www.bigdutchman.de

USA: Big Dutchman, Inc.
Phone +1 616 582 4000 · bigd@bigdutchmanusa.com
www.bigdutchmanusa.com

Brazil: Big Dutchman (Brasil) Ltda.
Phone +55 16 2108 5310 · bdbr@bigdutchman.com.br
www.bigdutchman.com.br

Russia: 000 "Big Dutchman"
Phone +7 495 2295 161 · big@bigdutchman.ru · www.bigdutchman.ru

Asia/Pacific: BD Agriculture (Malaysia) Sdn. Bhd.
Phone +60 3 334 83 555 · bdasia@bigdutchman.com · www.bigdutchman.asia

China: Big Dutchman (Tianjin) Livestock Equipment Co., Ltd.
Phone +86 10 5632 0188 · bdcnsales@bigdutchman.com
www.bigdutchmanchina.com