



TECHNICAL SPECIFICATION

Agrilaser - Autonomic 100, 200 & 500



Keeping birds at a distance 24 hours a day, 7 days a week

The Agrilaser® Autonomic

The Agrilaser Autonomic is a fully automated bird repelling system, providing continuous bird repelling capability after a one-time configuration.

Birds perceive the approaching laser beam as a physical danger. In contrast to conventional deterrence methods, birds will not become accustomed to the Agrilaser Autonomic. Birds will consider the area unsafe and will not return.

Why choose the Agrilaser Autonomic:

- 24/7 prevention of bird presence
- Easy to deploy in many situations
- Immediate and long-lasting results
- AC power grid or solar-energy powered

Long range

The Agrilaser Autonomic enables effective bird repelling across long distances and wide areas.

The ultimate laser beam

Bird Control Group developed the ultimate laser beam for deterring birds. The result is exceptional performance in bird repelling over long distances.

More animal and environmentally friendly

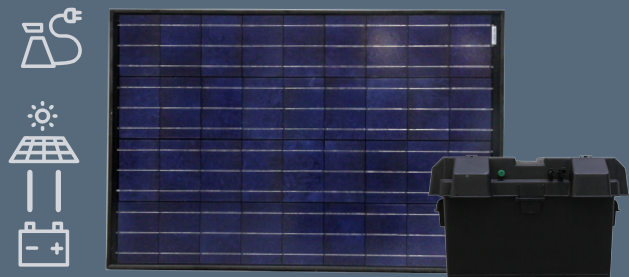
The Agrilaser Autonomic is a clean and silent solution that is not harmful to birds.

No habituation

The dynamic character of the Agrilaser Autonomic maintains its bird repelling effect over time.

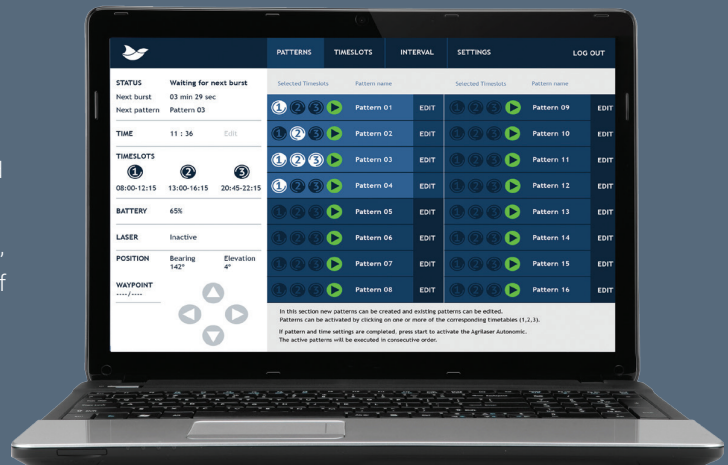
AC power or solar charging system

The Agrilaser Autonomic is powered by AC power by default. Where grid power is not available, the Agrilaser Autonomic can be equipped with an additional solar charging system to enable operation.



Flexible by nature

The Agrilaser Autonomic is provided with intuitive password protected software, enabling easy, secure and fast configuration. The Agrilaser Autonomic can be programmed for deterring birds during 3 different time intervals. Within each time interval you can assign 16 different laser patterns, enabling bird repelling capability at the periods and places of your choice.

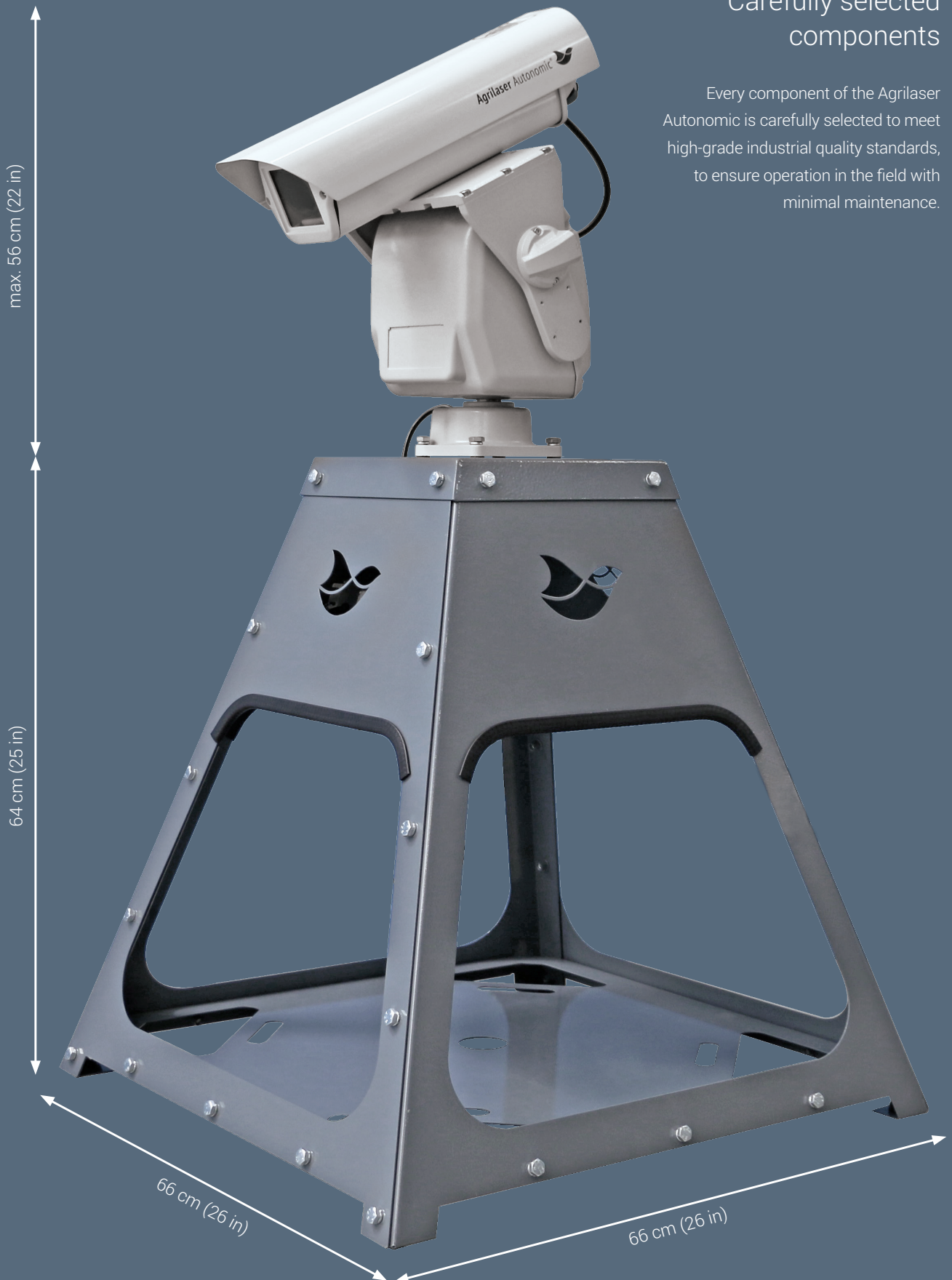


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Carefully selected components

Every component of the Agrilaser Autonomic is carefully selected to meet high-grade industrial quality standards, to ensure operation in the field with minimal maintenance.

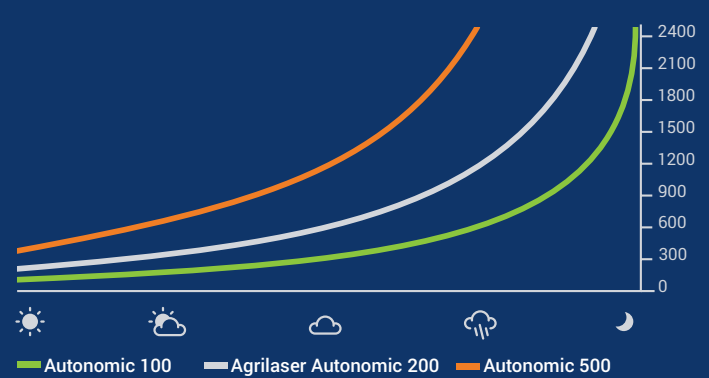


Agrilaser - Autonomic 100, 200 & 500

Technical specifications

Laser beam color	Green
Service life laser source	5,000 hour
Projection range	Horizontal: 0° to +355° Vertical: -70° to +20°
Max. pan speed	6°/ second
Max. tilt speed	4°/ second
Power source	Power adapter (100 - 277 VAC)
Operating voltage	12 - 15 VDC
Power consumption	60 W (peak operating power)
Weight	<ul style="list-style-type: none"> • Agrilaser Autonomic: 10 kg (22 lb) * Supporting frame: 17 kg (37 lb) * Solar accessory: <ul style="list-style-type: none"> - solar panel: 7 kg (15 lb) - battery box: 35 kg (77 lb)
Dimensions (LxWxH)	<ul style="list-style-type: none"> • Agrilaser Autonomic: 41 (16) x 41 (16) x 56 (22) cm (in) * Supporting frame: 66 (26) x 66 (26) x 64 (25) cm (in) * Solar accessory <ul style="list-style-type: none"> - solar panel: 67 (26) x 46 (18) x 101 (40) cm (in) - battery box: 46 (18) x 29 (11) x 33 (13) cm (in)
Endurance	IP65 (suitable for indoor and outdoor use)
Security	<ul style="list-style-type: none"> • Password protection • Physical fixation to structures
Operating temperature	-10 °C to 50 °C (14 °F to 122 °F)

Estimated range for effective bird dispersal



The Agrilaser Autonomic comes in three models with different laser output power: Autonomic 100, 200 and 500. Choosing the right model is essential in order to generate a laser projection with sufficient contrast for effective bird dispersal.

Light conditions

A higher laser output power is recommended for use during bright light conditions.

Distance and beam angle

A higher laser output power balances out the loss of contrast due to spreading of the laser beam over a larger surface area.

Local environmental conditions (albedo)

A higher laser output power is recommended for use in an environment with light absorbing surfaces.

Agrilaser Autonomic is designed and manufactured by:



Bird Control Group



**WARNING – LASER RADIATION
AVOID EXPOSURE TO BEAM
CLASS 3B LASER PRODUCT**

MAXIMUM OUTPUT <500 mW
WAVELENGTH 532 nm
CLASSIFIED TO NEN EN 60825-1:2014

QC passed
Complies with FDA performance standards except for deviations pursuant to Laser Notice #50, dated July 24, 2007