



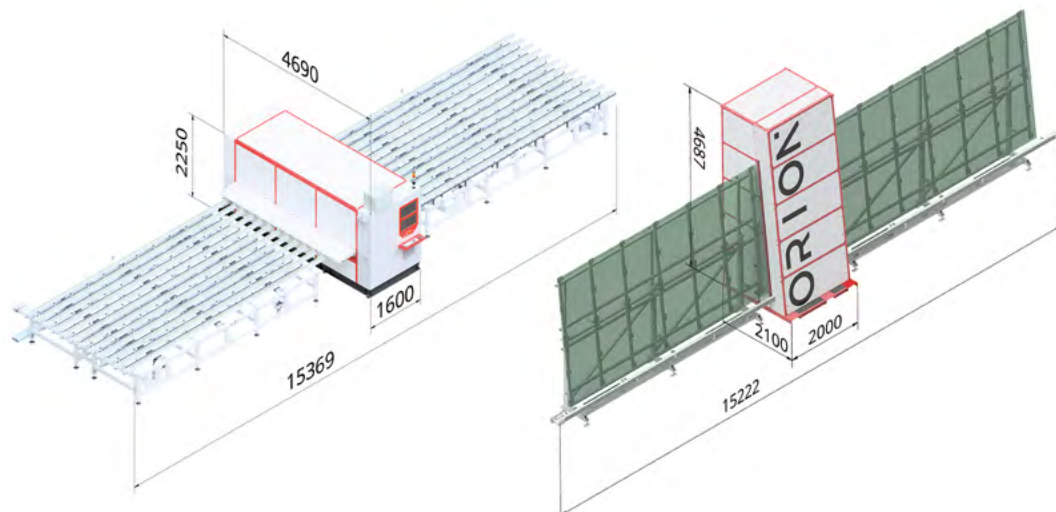
The laser solution to produce bird-friendly glass

Discover the next generation of bird-friendly glass technology, crafted for architects, glass manufacturers and transformers. Our laser systems provide precise patterns with exceptional aesthetics.



Features

- Bird-friendly markings in any size & shape, gloss index and appearance
- Various spacings: 2" x 2" (50x50 mm), 2" x 4" (50x100 mm), straight, staggered, random & lines
- Marking alignment over several glass sheets
- Horizontal and vertical setup, in different sizes: 130" (3300 mm), 100" (2500 mm), 71" (1800 mm)
- Easy to operate: no laser knowledge required, standard recipes included
- Laser safety Class I (IEC 60825-1:2014) - CE, UL, CSA compliant



Harrier series

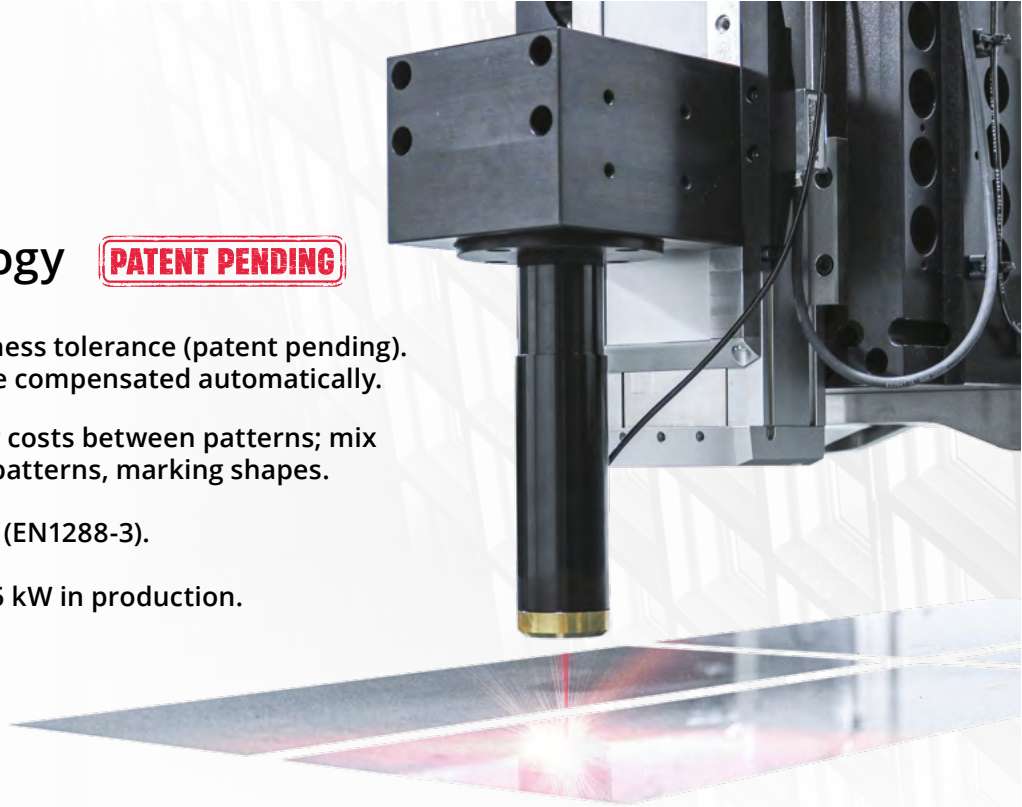
Specifications	Harrier Standard	Harrier Premium	Harrier Expert
Markings on surface 1	✓	✓	✓
Glass size up to jumbo size	✓	✓	✓
Number of markers	1	4	4, 8 or 12
Productivity 2" x 2" (50x50 mm)	up to 100 ft ² /h (9 m ² /h)	up to 350 ft ² /h (32 m ² /h)	up to 930 ft ² /h (86 m ² /h)
Flexibility	> 40 types of dots available	> 40 types of dots available	> 40 types of dots available
Tempered glass	✓	✓	✓
Glass strength after marking	excellent	excellent	excellent
High reliability	✓	✓	✓
High performance Customer Care	✓	✓	✓

Options *	Harrier Standard	Harrier Premium	Harrier Expert
4 heads	✗	✓	✓
8 heads	✗	✗	○
12 heads	✗	✗	○
Live view (camera + 2nd screen operator stand)	○	○	✓
Full FOV/On-The-Fly	○	○	✓
Low E detection	○	○	✓
Dot quality inspection	○	○	✓
Multiple sheets (over width)	○	○	✓
Jumbo size upgrade (over length)	○	○	✓
Production line integration	○	○	✓
Automatic power distribution	✗	○	✓

* ✗ (option not available) ✓ (standard feature) ○ (option available)

Innovative technology **PATENT PENDING**

- Compensation for glass flatness tolerance (patent pending). +/- 3 mm (1/8") variations are compensated automatically.
- Tooling free: no change-over costs between patterns; mix glass types, sizes, coatings, patterns, marking shapes.
- No impact on glass strength (EN1288-3).
- Low power consumption: 3,5 kW in production.



Process know-how



Customer Care



Turnkey laser machines

Financial solutions

Next to the classic investment, Orion Laser Tech also offers a subscription model, turning CAPEX into OPEX.

Process know-how

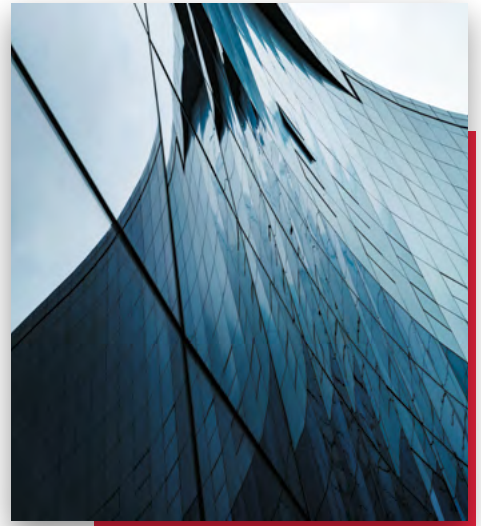
We have a lot of process know-how about laser treatments of different glass types and coatings. We assure a working process on your glass/coating combinations.

Customer Care

Enjoy maintenance, online & on-site support and spare parts during your entire machine's lifetime. Customers get in direct contact with our engineers in any time zone around the globe.

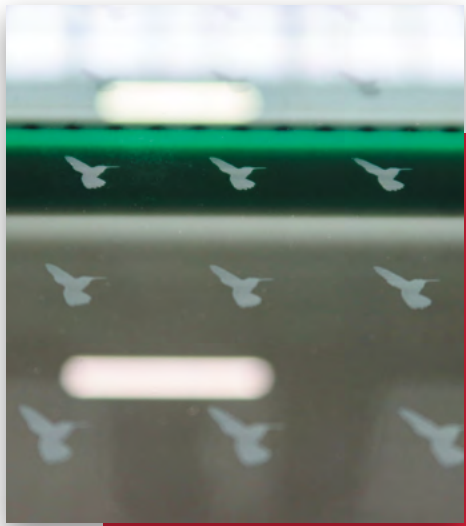


Revolutionize laser processing of glass



At Orion Laser Tech, we're transforming the way glass is processed every day. Specializing in advanced laser machinery for the automotive, architectural, and technical glass industries, we excel in cutting-edge processes like glass cutting, coating removal, and precise glass marking, along with laser treatments for films used in glass applications.

We provide complete laser solutions, ensuring that your glass production is running smoothly and efficiently, once our team completes the machine installation. Our dedicated Customer Care team is always ready to offer support, both online and on-site, to ensure everything continues to operate flawlessly.



We specialize in laser machinery for glass producers and glass transformers around the globe

- Innovative technology
- Glass sizes up to jumbo
- No consumables, low operating costs
- Environmental friendly
- Seamless production integration (physically and digitally)
- Delivery of turnkey solutions, no hidden costs
- Modular design



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