



# Civan Advanced Technologies Ltd.

**Line of Business**  
High Power Lasers

**Established**  
2008

**Leading Executive**  
Dr. Eyal Shekel  
CEO & Founder

**C**ivan Advanced Technologies Ltd. is a Jerusalem based Hi-Tech company in the field of high power lasers.

## Product Line

Civan's product line includes Single Mode (SM) lasers with Continuous Wave (CW) power ranging from 10 Watt to 10 KWatt. The lasers are available at a variety of wavelengths from 780 nm to 2.2 micron. The high-power, SM operation at different wavelengths is achieved by utilizing Civan's

semi automatic production lines.

Civan's team is led by Dr. Eyal Shekel. Prior to Civan, Dr. Shekel founded and served as CEO of Al Cielo Ltd., a leading company in the manufacture of Fiber Optical Gyros ([www.alcielo.com](http://www.alcielo.com)). Dr. Shekel founded and served as GM of Chiaro Networks Ltd.. Chiaro developed the largest optical switch in the world as well as state of the art technologies in the field of optical communications. Dr. Shekel was also part of the founding team of Nano-Or, a company that developed a nanometer scale, 3D measurement tool which



proprietary technology. Other advantages of Civan's lasers include high reliability, high wall-plug efficiency, energy saving, low cost and low maintenance.

Civan's high power lasers are aimed at the commercial industry for the cutting, welding and marking of varied materials including metals, plastics and diamonds as well as medical and cosmetic applications.

## The Team

Civan's team is a mix of very experienced together with young talented physicists & engineers. Several team members have been working together for over a decade. They developed and brought to market laser systems, communication systems, optical navigation systems, optical measurement systems and

is currently in use in the semiconductor industry. Dr. Shekel earned his Ph.D. in Physics at New York University in 1994 and is the inventor of 43 patents.

## Facilities and capabilities

Civan is a vertically integrated company. It's capabilities include design and manufacturing of diode lasers, diodes laser packaging and pigtailling, design and manufacturing of fiber lasers, optical design and system design, integration & qualification.

Civan's facility is located in Jerusalem and includes over 8,500 square feet of state of the art clean rooms and optical laboratories.

## Certifications

Civan is ISO 9001 certified.



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