

Customer Case Study

Company Profile

Company: Viscor

Size: €30M

Location: Canada

Machine: Planar PI20.50



“The InspecVision system gives us the ability to compare our First Off and Last Off output to real time digital CAD data.”

Santino Nemi, Chief Operating Officer, Viscor

Founded in 1952 by immigrant electrical engineer Daniel Wiener, Viscor is Canada’s largest independent LED lighting and metal fabrication manufacturer. With over 65 years of continued growth, Viscor has progressed from a humble 4,000 square foot facility to a ¼ million square foot factory and is home to the Visioneering, Certolux, TBR and Canflex brands.



Figure 1: Viscor factory, Toronto, Canada

Their lighting brands specialise in architectural, commercial and medical luminaires with over 300 product families and tailored solutions. Viscor’s metal fabrication brand, Canflex, specializes in custom engineered metal fabrication projects that are large or small. Typical customers include OEMs, electrical contractors, specifiers, property owners, end users and distributors within the industrial, commercial, medical and architectural markets.

Santino Nemi, Chief Operating Officer at Viscor, explained that the company decided to upgrade from manual inspection methods using tape measures, calipers and matching to template in order to improve accuracy and efficiency. Mr. Nemi said that “to provide consistent quality and service we must avoid operator subjectivity and keep up with production demands. The InspecVision system gives us the ability to compare our First Off and Last Off output to real time digital CAD data.



Figure 2: Production lines at the Viscor factory in Toronto.

Viscor learned about the InspecVision Planar machine at the Euroblech exhibition in Germany before there was any North American market presence and recognized how revolutionary the concept would be to the industry.

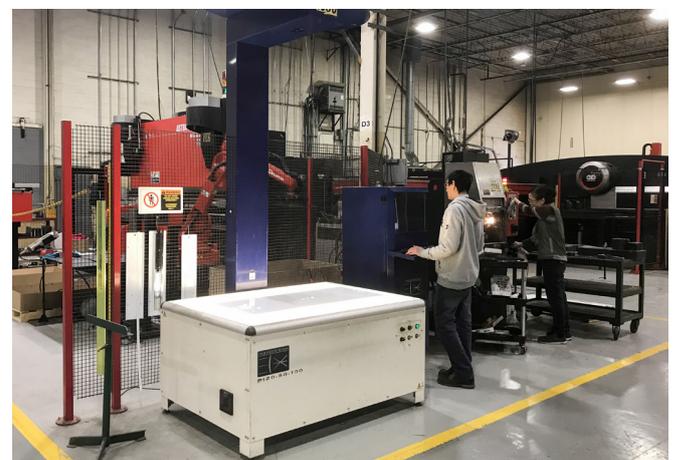


Figure 3: Viscor operator measuring a part on the Planar machine.

Since installing the Planar machine, Mr. Nemi stated that “Viscor has saved between 5 and 10 minutes per part on over thousands of different parts” and they can now

inspect 300 to 500 parts per week.

According to Mr. Nemi “before using the InspecVision machine it would have required having a designated full time professional to inspect the parts thoroughly. With the InspecVision, the operators can check their own parts swiftly without compromising quality”. Their skilled CNC Turret and Laser Machine operators use the Planar machine on a regular basis. They have found the machine to be very user friendly which has made it easy to train all the operators.



Figure 4: Large part being measured on the Planar P120.50.

Mr. Nemi also commented that “due to the ease of use we’ve been able to take on a higher percentage of *thorough* checks. The InspecVision also allows us to continue WIP inspections as prescribed.”

Viscor had no difficulty justifying the investment in the Planar due to the instant time saving benefits and the reduction in operator error. In fact, the payback period on their investment was less than one year. In addition, improving their accuracy control methods has allowed Viscor to take on more work and create consistent quality that is recognized by their partners and customers. Mr. Nemi said “the direct benefits include more time to run products without corrections, a reduction in scrap metal waste and quick turnaround times.”

Key benefits of the Planar machine include its suitability for the factory floor and that minimal maintenance is required. Mr. Nemi can vouch for this and said “the machine has held up very well against a few bumps & bangs. No special environment or workspace was needed or created. The Planar machine having no moving parts results in fewer problems. In the past twelve years, we’ve required support on two occasions. On the few occasions that we’ve needed support, our requests were addressed quickly, and service people were great to work with.”

Viscor regularly host factory tours with industry partners, suppliers and customers and always include a demonstration of the “user friendly” Planar machine. They have over a dozen flat sheet turrets, lasers and coil fed punching machines and have a lot of short (JIT) runs plus operate 3 shifts.

As each operator is responsible for checking First and Last Offs plus intermediate checks on longer runs, Viscor says the main benefits they have experienced since installing the Planar are both the reduction in downtime measuring and checking against templates and less human error.

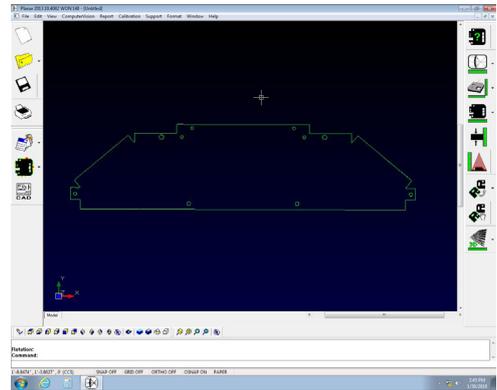


Figure 4: Planar software

To find out more information about the Planar and how it can help your business; please download our online brochure and contact our sales team at sales@inspecvision.com.

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