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TECHNOLOGY INC.

METALCRAFT ARTICLE IN AMADA'S NEWSLETTER

Reh Abdulla, General Manager of Metalcraft Technology Inc., has always taken the approach that producing products with consistent precision is critical. This is why they continue to invest in quality equipment such as Amada's precision punching, laser cutting and bending machines.

Metalcraft's goal was to investigate different methods and equipment for QC inspection. After careful consideration they decided that the Amada Fabrivation Laser 3Di would add value to their organization. The simple operation and speed of the system is what initially got Reh's attention but it was the whole package of functionality, flexibility, machine quality all backed by Amada's support system that led Metalcraft to their final decision. Unlike other systems, the FVL3Di4848 is a fully automated non contact laser



inspection system capable of measuring flat parts of any size, height variations for warpage and compensating for it, form heights, flange heights, and more. The FVL also requires very little maintenance and is self calibrating. The Fabrivation Software is capable of importing prt, sht, dxf, igs (or iges), dwg, communicating with Amada's SDD database, and supports virtual caliper measurements, quick tolerance band inspections, auto generated inspection sheets, and customized inspection reports.

Immediately after the installation of Fabrivation, Metalcraft increased inspection performance, quality control processes and production capacity. First article inspection was reduced while at the same time increasing the accuracy of inspections by eliminating costly human errors in measurement.

After 3 months of use, Reh has no regrets, saying the Fabrivation Laser 3Di has taken Metalcraft in the intended direction supporting Metalcraft's commitment to high quality products. He is confident this machine will pay for itself in no time.

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