



Extrude Hone press release

February 28, 2018



#### **LAI INTERNATIONAL LEADING THE CUTTING EDGE**

[3D Metal Printing](#), [3D Printing](#), [AFM](#), [COOLPULSE](#), [Testimonial](#)

You've probably all heard by now of Extrude Hone's claims to the benefits of [Abrasive Flow Machining \(AFM\)](#) and our latest technology [COOLPULSE](#) in the 3D printed market. Why just take our word for it though?

When it comes to understanding the importance of surface finish of 3D printed parts, we here at Extrude Hone thought of no one better to ask than the industry leading, and globally recognized, contract manufacturer LAI International. Who offers its customers precision engineered components, finished parts, sub-assemblies, and more for top OEM's in the Aerospace, Defense, Energy, Industrial, and Medical fields.



Mathew Lewis, with LAI International's Manufacturing Group was kind enough to share these words with us:

"In the fields that we service, there are a ton of reasons why one would need to improve their surface finish. Whether it be for aesthetics, assembly, reducing wear / friction, improving flow rates, etc. in order to have a finished part, you always have to consider the surface finish and how it's applied to the application. When it comes to 3D printed parts specifically, the geometries can become very complex; both internally and externally. As such, 'traditional methods' or even hand polishing are not really an option. That's where Extrude Hone comes in.

With their AFM technology they're able to process some of the most complex internal passages for parts, greatly improving the surface finish. While COOLPULSE may not always be able to reach some of the snaking internal passages, it's still quite capable of processing internal areas and the entire external surfaces of your part

simultaneously in minutes. As more and more companies shift towards Additive Manufacturing, I believe that we'll only see more and more demand for these finishing process and Extrude Hone is on the ground floor, ready to help these companies turn development projects into production parts."



TO LEARN MORE ABOUT COOLPULSE AND WHAT IT CAN DO DOWNLOAD OUR WHITE PAPER [HERE!](#)

#### **About Extrude Hone.**

Extrude Hone® serves customers in many market segments, including automotive, aerospace, heavy industry, medical, and general engineering. From engineering to fully automated solutions, Extrude Hone supports its customers with edge blending, shaping and fine-flow tuning surfacing solutions through its engineered processes and state-of-the-art finishing technologies, delivering ultimate added value, and improving productivity and quality.

Extrude Hone offers customers access to AFM (Abrasive Flow Machining), ECM (Electrochemical Machining), ECM Dynamic, PECM (Precise Electrochemical Machining), COOLPULSE, and TEM (Thermal Energy Method) via our Technical Centers and Center of Excellence, ensuring our presence during all of the most critical feasibility tests and demonstrations – from the early design phases by producing small batches of components for prototyping through testing and supporting the ramping stage in our contract shops prior to the final delivery of state-of-the-art equipment. Our company offers first-class service around the world.

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