

KUTTLER MACHINE'S ADDITIVE MANUFACTURING IMPROVEMENTS SHOW RESULTS

ABOUT KUTTLER MACHINE, INC. Kuttler Machine is a family-owned machine shop offering production machining, waterjet cutting, wire and sinker EDM, as well as fabrication and tooling services for various sectors, including aerospace and construction. As a full-service job shop, Kuttler Machine provides a broad range of services for all types of customers.

THE CHALLENGE. Kuttler recently purchased a large 3D printer to boost the company's capacity for additive manufacturing jobs. Recognizing the need to train employees on transitioning from traditional equipment to advanced printing technology, the company's managers contacted CMTC for assistance, support, and employee training.

MEP CENTER'S ROLE. CMTC employed various strategies to improve Kuttler's additive manufacturing (AM) processes, including training and coaching in AM for fixtures, jigs, and tooling; support for Kuttler's new 3D printing machine; and assistance with holding fixtures for CNC projects. CMTC delivered 3.5 days of on-site training and consulting at Kuttler. The training covered three main areas: CAD software strategies, design for AM and transitioning from standard to AM parts, and the operation and selection of printing machines. After the training, CMTC continued to support Kuttler employees with machine and printing applications and CNC 3D printing projects. Additionally, CMTC helped employees create several new dies. President Randy Kuttler stated, "The training and coaching we received through CMTC helped us explore using SOLIDWORKS CAD software. We have already sent multiple people to the training."

"CMTC was a valuable resource for our shop!"

-Randy Kuttler, President

RESULTS



Retained **2** employees



Hiring an additional **12** employees in the next 12 months



\$3,500 in new software and **\$4,000** in employee training



\$15,000 return on investment

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