



LMT Provides Orange County Choppers with Faster Laser Engraving System

CASE STUDY

Orange County Choppers

INDUSTRY

Custom Motorcycles

THE CHALLENGE

Paul John Teutul, also known as Paul Sr.; the reality TV star and founder of Orange County Choppers, and Jason Pohl, an OCC custom bike builder, needed a faster, scalable solution for engraving motorcycle parts. They had been using a traditional CNC machine, but due to the intricacy of their creative designs and the variety of materials they worked with, they required a machine that offered more precision and versatility.

THE SOLUTION

Laser Marking Technologies built OCC a customized MOPA (Master Oscillator Power Amplifier) laser. The advantage of a MOPA laser is that its pulse duration can be adjusted; allowing for greater design intricacy and flexibility to etch on a variety of materials.

THE RESULT

With their MOPA laser, OCC was able to etch their custom designs more efficiently and with greater creativity. This was particularly useful in meeting the tight time schedules of reality television.

MEASURABLE OUTCOMES

- ✓ Engraving took 1/10th of the time it would take to do the same design with a CNC machine.



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