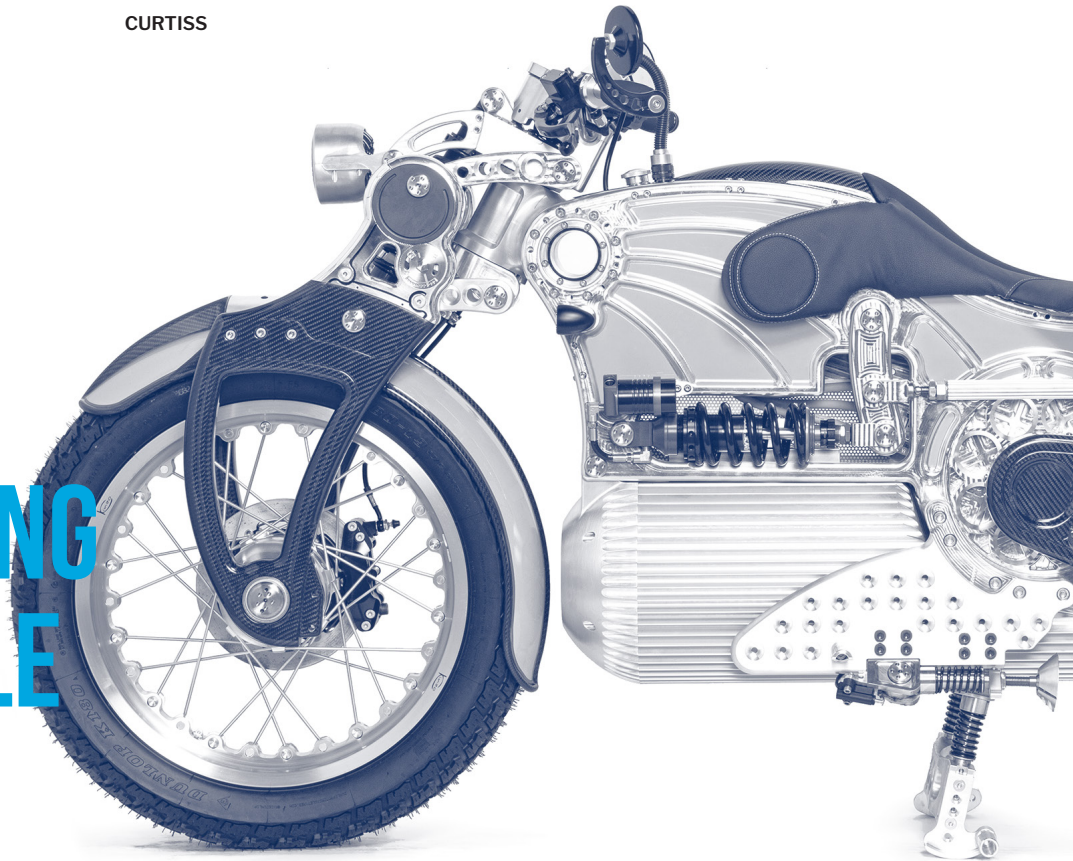


MAKING A TRAILBLAZING MOTORCYCLE POSSIBLE



Producing a luxury electric motorcycle with the flexibility of on-demand manufacturing

To deliver the Curtiss One, Curtiss needed more than a contract manufacturer to make parts — they needed a partner flexible enough to help them bring a new category to market and execute their uncompromising design vision.

When it was time to move the Curtiss One into production, Curtiss didn't think twice about who would make their parts. Fast Radius had become Curtiss' official and most trusted production partner after several successful projects, including a prototype with 60 SKUs that Fast Radius delivered in only 12 days.

With exceptional performance that matches its \$81,000 price tag, the Curtiss One appeals to an elite group of connoisseurs. Traditional mass production wouldn't suffice. Instead, Curtiss needed an approach that could be easily scaled to meet demand. Fast Radius arranged flexible payment and delivery options that allowed Curtiss to achieve economies of scale without having to store or pay for more parts than they need at a given time.

The Curtiss One solidifies a long-term partnership between the two companies. Fast Radius currently provides 90% of the bill of materials (BOM) for the Curtiss One, including 160 CNC machined parts and a pump cover made with the Carbon DLS process.

MAKING IT POSSIBLE

ON-DEMAND PRODUCTION AND A FLEXIBLE LONG-TERM PARTNERSHIP

LONG-TERM PRODUCTION PARTNERSHIP

Fast Radius has a deep understanding of Curtiss' business that goes beyond making all of Curtiss' CNC and additive parts. Unlike a typical contract manufacturer, Fast Radius has visibility into the entire production process, making for a seamless ramp from concept to prototype to production.



ON-DEMAND MANUFACTURING

Curtiss orders parts from Fast Radius as needed, eliminating the logistics and expenses of warehousing. Fast Radius is able to provide the cost efficiencies of large orders without forcing Curtiss to take delivery of all their parts at once. With Fast Radius, Curtiss can access flexible capacity to easily ramp up production as demand increases.

CONTACT US



113 N. May St. Chicago, IL 60607
makenewthingspossible@fastradius.com
+1 (888) 761-4194

ECONOMIC EFFICIENCY

Fast Radius stuck to Curtiss' budget, leveraging relationships with trusted production partners to get extremely competitive prices — even on expensive post-processing and anodization. To keep fulfillment costs down, Fast Radius devised strategic shipping solutions and payment terms. Since this is an ongoing project, Curtiss gets Fast Radius' annual discounts for long-term production.

HANDS-ON PROJECT MANAGEMENT

No single factory could make all the parts for the Curtiss One, so Fast Radius coordinated production within their global network. Fast Radius handles all project management and quality operations, ensuring Curtiss receives parts made to spec and on schedule. If issues arise — even with overseas suppliers — the Fast Radius project management team finds a solution, usually without having to involve Curtiss at all. On the front end, Fast Radius provides design for manufacturing (DFM) support, ensuring every part will be made correctly the first time.

THE RESULTS

A partnership that's transforming the motorcycle industry



H. Matthew Chambers,
CEO, Curtiss Motorcycles

Fast Radius allows our company to seamlessly expand to new models and segments as the market for EV motorcycles grows. With Fast Radius, turning around new designs and prototypes is faster and less expensive than with any other manufacturer. The quality of the work they've done for us is unbelievable.

