



# DAYTON GEAR DOUBLES DOWN ON HERA HOBBING WITH HERA 200, FOLLOWED BY HERA 500

## CASE STUDY

### INTRO

Dayton Gear, dedicated to producing custom gears quickly, partnered with Helios Gear Products to install a Hera 200 CNC gear hobber, followed by a Hera 500 CNC gear hobber. These advanced machines have dramatically increased productivity by significantly reducing cycle times and optimizing their workflow.

### OVERVIEW

To further enhance their shop's capabilities and meet growing demand, Dayton Gear integrated both the Hera 200, then Hera 500 CNC gear hobbers into their operations. The Hera 200 has cut cycle times from 30 minutes to just 2 minutes on certain parts, showcasing significant productivity improvements. With the addition of the Hera 500, Dayton Gear has further expanded machining capabilities, streamlined production, and created a more efficient workflow to ensure they deliver for customers. This investment has helped Dayton Gear solidify its position as a reliable resource for custom gears and gearbox repair, while progressing toward their goal of crafting their shop into a "well-oiled machine."



## Hera 200

**6.4 DP**

Max Pitch Rating

**7.8"**

Max Part Diameter

**7**

CNC Axes

## Hera 500

**2.1 DP**

Max Pitch Rating

**23.6"**

Max Part Diameter

**7**

CNC Axes

### COMMON APPLICATIONS

The Hera 200 and Hera 500 can be used for many jobs, including:

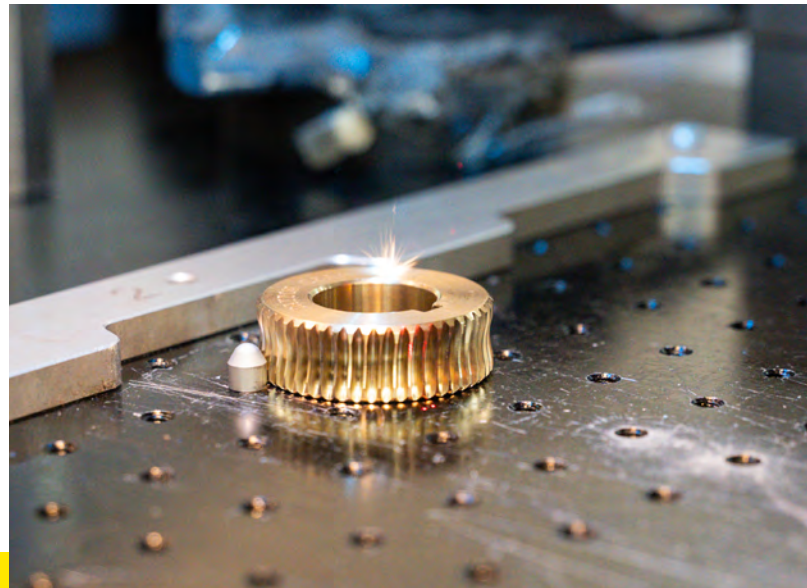
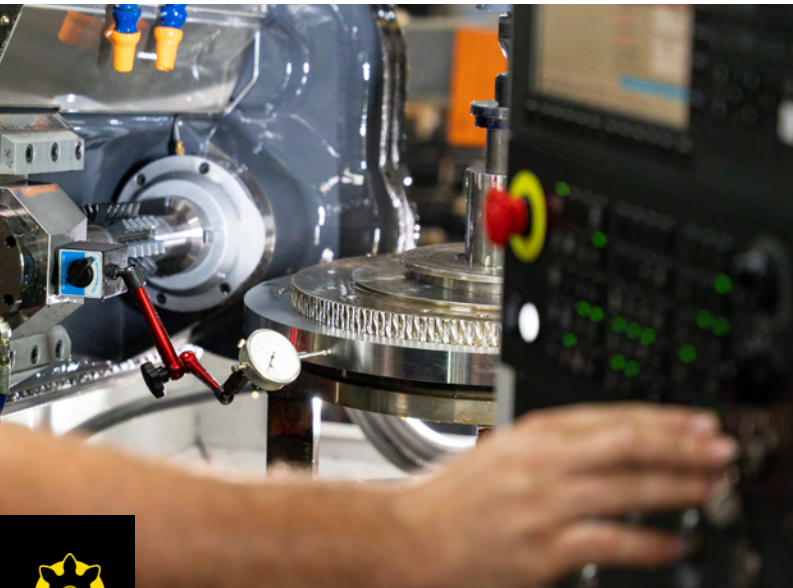
- Spur Gears
- Helical Gears
- Other Hobbed Profiles

## CUSTOMER FEEDBACK

The Hera 200 and Hera 500 have greatly improved Dayton Gear's production processes by cutting cycle times and increasing overall productivity. As Bryan Baird puts it, "Everybody's dream is to have their shop function as a well-oiled machine. Every single year we're making the right strides to get to that dream." With these machines, the team is able to complete jobs much faster and with greater precision, helping Dayton Gear meet growing demand. With ongoing support from Helios Gear Products, Dayton Gear is making steady progress toward a more efficient, optimized operation.

**The productivity those things put out is insane... say a part took 30 minutes on one of our old machines, the Hera 200 is cutting the part in 2 minutes; it's that big of a difference. After experiencing the productivity gains of the Hera 200, it just proved the point even more to go with the Hera 500.**

BRYAN BAIRD DAYTON GEAR



**CONTACT**  
(847) 931-4121  
635 Schneider Drive  
South Elgin, Illinois 60177

**HELIOSGEARPRODUCTS.COM**  
[sales@heliosgearproducts.com](mailto:sales@heliosgearproducts.com)

