

IMPROVING GEAR HOBGING SETUPS BY 50% WITH BUFFALO GEAR



Hera 350

4.2 DP
Max Pitch Rating

13.8"
Max Part Diameter

7
CNC Axes

CASE STUDY

INTRO

Buffalo Gear, a precision gear manufacturer in Buffalo, NY, partnered with Helios Gear Products to install a Hera 350 CNC gear hobber. With its advanced features, the machine has streamlined their processes, increased efficiency, and positioned them to take on more complex projects as they continue to grow.

OVERVIEW

To support their growing demand and streamline production, Buffalo Gear partnered with Helios Gear Products to install the Hera 350 CNC gear hobber. This advanced machine has dramatically improved efficiency, reducing setup times by nearly 50% while enhancing operator safety and ease-of-use. With its capability to handle larger and more complex gears, the Hera 350 has become a key asset in Buffalo Gear's operations, enabling them to take on more ambitious projects, streamline their workflows, and deliver parts on-time to stay competitive.

COMMON APPLICATIONS

The Hera 350 can be used for many jobs, including:

- Spur Gears
- Helical Gears
- Other Hobbed Profiles

CUSTOMER FEEDBACK

Beyond the equipment itself, Helios Gear Products offers expert engineering support and responsive service, ensuring Buffalo Gear has reliable production assistance when needed most. This partnership has set the stage for future growth, with the company well-positioned to expand its capacity and capabilities. As owner Matt Davis explains, "the Hera 350 set us up for the future, but having Helios in our corner set us up even better." With plans to invest in more equipment and opportunities, Buffalo Gear remains committed to delivering high-quality parts for specialized gear manufacturing projects.

I would say we're about 50% more efficient with our set ups. It also helps because the guys don't need to bend down to put in change gears. With this new machine you put it in the part [blank], you program it, and you're saving someone's back. Not only that, but with the bigger gears you can run... it's just unbelievable.

MATT DAVIS OWNER OF BUFFALO GEAR



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