



# HELIOS HERA

## CNC GEAR HOBGING MACHINES



## PROFITABLE PRODUCTION, PERFECTED.

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Combining advanced technology, precision components, and economic pricing to enable profitable production of high-quality spur gears, helical gears, straight bevel gears, and other hobbled profiles.

- **CNC by FANUC® oi-MF with 6 axes (optional 7).**
- **High-speed hob head with CNC shifting.**
  - Direct-drive spindle motor on fine-pitch models.
  - Automatic retraction of X-axis during power failure, preventing hob damage.
- **Direct-drive torque motor for the work spindle.**
- **Quality components and construction:**
  - Precision, repeatability, and control with linear scales on the X-axis.
  - Cast iron machine base for optimum stability and dampening.
- **Flexible standard dialogue program offering:**
  - One or two gears on a single workpiece.
  - Radial, axial, climb, and/or conventional hobbing on single- or two-cut cycle.
  - Crowning (lead modification) and deburring using two equal hobs.
  - Automatic shifting over broken hob section.
  - Tangential position of hob head (shifting) by CNC.



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Say a part took 30 minutes on one of our old machines, the Hera 200 is probably cutting that part in two minutes. It's that big of a difference. Having the Hera 200 and seeing that run, proved the point even more to add a Hera 500. The productivity that those things put out is insane.

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Bryan Baird, Dayton Gear

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The machine has made us so much more productive. There are jobs that used to take a week, and now we are knocking them out in two days or less. It's been a game-changer for us. We've done spurs, helicals, worm gears, and now we're doing worms, so basically everything it's made to do, we've run through it.

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Ivan Torres, Avers Machine & Gear



## CONTACT INFO

[sales@heliosgearproducts.com](mailto:sales@heliosgearproducts.com)

(847) 931-4121

635 Schneider Drive

South Elgin, Illinois 60177

[HELIOSGEARPRODUCTS.COM](http://HELIOSGEARPRODUCTS.COM)

