

Since 1892, **HUB CITY** has a reputation for producing tough, dependable driveline components for industry and agriculture worldwide. As a world-class manufacturer, HUB CITY provides the technology, expertise and support to perfectly integrate our products into your application. Whether your application requires a standard, modified standard or custom product, HUB CITY will always be at the heart of what drives your world.



[www.hubcityinc.com](http://www.hubcityinc.com)

Since 1913, **Marathon Electric** has developed a reputation for conservative motor designs and highly engineered products used in a vast array of commercial and industrial applications around the world.

Our inverter duty motors are the motor of choice for the leading AC drive manufacturers around the globe. The microMax®, BlueMAX® and BlackMAX® motors control pumps, drive fans and blowers, run conveyors and are used in thousands of mission critical applications where reliability and performance are the driving criteria.



[www.marathonelectric.com](http://www.marathonelectric.com)

Marathon Electric and Hub City have built on their legacy of innovation by introducing HERA-MAX Drive™. Together, they can provide total system efficiency with energy savings of up to \$550\* per year. Just one more thing only Regal Beloit can deliver through two of its industry leaders.

\*Based on 60/1 ratio, 2600in. Lbs. output torque, 1800 rpm input, 24/5 duty cycle

**MADE IN THE USA**

SB564-Rev A/SP/1-12/Qty/MAH



Think yellow.  
Think **HERA-MAX™**.



HERA™ Gear Drive

HERA's patented technology represents The Next Generation of Gearficient™ drives offering higher efficiencies, a smaller package and twice the torque of traditional worm gears.

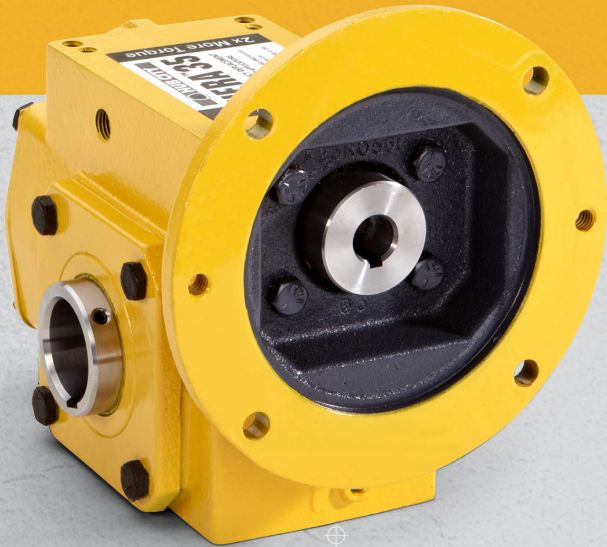
Features include:

- 90% efficient\*
- Up to 40% energy savings\*
- 2X torque capacity\*
- Helical/Hypoid Gearing
- Drop-in replacement to existing worm gearboxes
- Up to 60:1 speed range
- Omni-Mount™ 360°
- 3 year warranty

Benefits:

- Energy Efficient Solution
- Half the weight, half the size\*
- Modability™ reduces inventory
- Lower cost of ownership
- Smaller size and increased torque density increase the versatility and flexibility in "space-tight" applications.

\*Compared to traditional worm gearing



MAX Drive Motor

Torque Matched™ to optimally operate the HERA™ gear drive and Performance Matched™ to operate with all PWM AC inverters.

Features include:

- Patented MAX GUARD® Insulation System
- NEMA Premium® efficiencies
- Half the energy usage of equivalent gear motors
- TENV enclosure with MAX-SEAL™
- Constant torque from zero to base speed
- Minimum of one frame size smaller than traditional gear motor
- DYNA-MAX™ brake and M-Encoder™ provisions included on opposite drive end
- 3 year warranty

Benefits:

- Mission Critical severe duty construction
- Plug-n-Play Technology
- Unlimited lead length
- Rapid payback

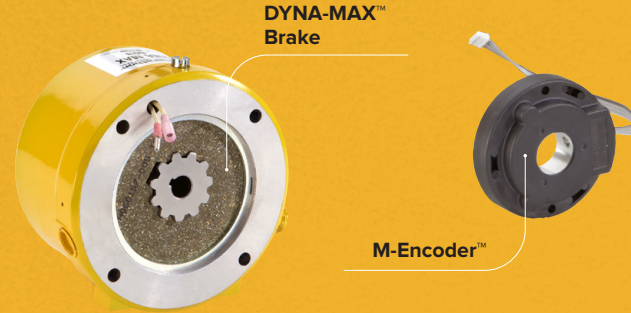
HERA-MAX™ Drive System

The best of both worlds... the HERA-MAX™ Drive is a system-maximizing gear drive-motor duo. It incorporates a modular design whereby components can be configured as required... maximizing the versatility and flexibility of the gear drive motor to the application.

System benefits:

- Smaller footprint
- Lower cost of ownership
- Modability™ reduces inventory
- High torque density
- High energy efficiency
- Longest warranty in the industry

Plug-n-Play Technology



Size Matters

The HERA-MAX™ Drive system is packed into a significantly smaller package and weighs less. When space is at a premium... think HERA-MAX™ Drive for your next application.



Energy Savings Example

\*Individual results may vary

	Standard Gear System	HERA-MAX™ System
Gearbox Description	3.25" Worm	HM4500
Motor	Standard 3 Phase	MAX Drive™ motors
Motor Rating	3hp	1.14hp
Motor Efficiency	84%	87%
Gearbox Operating Efficiency	57%	90%
Cost of Usable Power	\$580	\$580
Cost of Gearbox Inefficiency	\$437	\$64
Cost of Motor Inefficiency	\$194	\$100
Annual Operating Cost (total)	\$1,211	\$744

**\$467  
Annual Savings**

