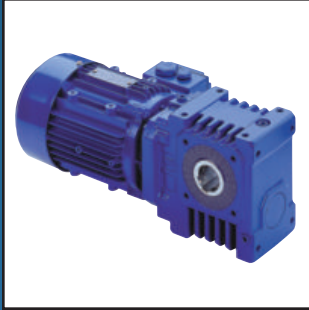




**watt
drive** ®



DIEQUA
Corporation



**Helical
Gearmotors and
Speed Reducers**



www.diequa.com



available from DieQua Corporation

DieQua Corporation is a manufacturer and supplier of premium quality power transmission and motion control components, satisfying the most demanding motion requirements for over 25 years. We offer the widest range of speed reducing solutions from a single source. Featuring high performance right angle and inline designs with an extensive range of sizes, ratios, mounting and output options, we have the drive that meets your needs.

Program Benefits:

- Optimized gearing for high power density
- Multi Volts/Hz inverter duty integral motors
- NEMA, IEC, or servo motor adapters
- High efficiency and low backlash
- Multiple mounting configurations
- Inch or metric shafts and bores
- Special design options
- Complete gearmotor drive packages

Inline Helical - H

An extremely compact design provides highly reliable, space saving performance for the most demanding applications. Available in foot or flange mount designs.

Specifications:

- Power: 1/6 to 75 HP
- Torque: 235 - 124,000 in-lbs.
- Ratios: 0.8 - 8600:1

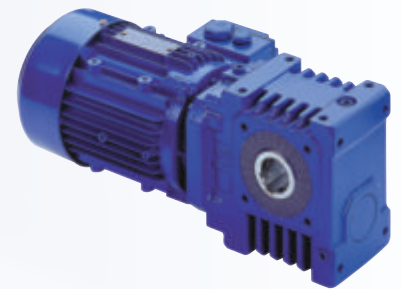


Helical Worm - S

Ground worms and precision helical gears provide high efficiency and quiet operation, with Uniblock mount, shaft mount, and wash down options.

Specifications:

- Power: 1/6 to 10 HP
- Torque: 265 - 12,500 in-lbs.
- Ratios: 3 - 3400:1



Shaft Mount - A

Compact designs offer inch and metric shrink disc or hollow bore options with torque arm and buffer kit support.

Specifications:

- Power: 1/6 to 30 HP
- Torque: 235 - 25,000 in-lbs.
- Ratios: 0.8 - 4000:1

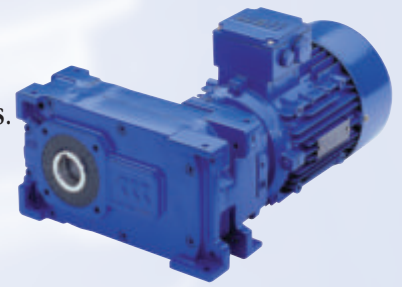


Parallel Shaft - F

Uniblock housing is machined on all sides providing mounting versatility with shaft, hollow bore, or shrink disc options.

Specifications:

- Power: 1/8 to 75 HP
- Torque: 13,000 - 124,000 in-lbs.
- Ratios: 6 - 18,000:1

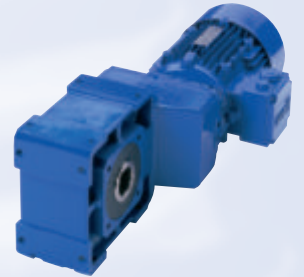


Helical Bevel - K

A highly efficient, more compact, right angle design with higher capacities for heavier duty or low backlash applications.

Specifications:

- Power: 1/8 to 75 HP
- Torque: 885 - 175,000 in-lbs.
- Ratios: 5.5 - 8600:1

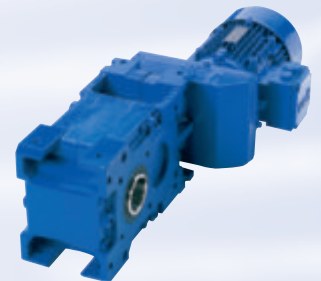


Helical Bevel - C

A unique offset input design allows closer shaft or uniblock mounting of the reducer or gearmotor to the driven load.

Specifications:

- Power: 1/8 to 60 HP
- Torque: 10,000 - 88,500 in-lbs.
- Ratios: 10 - 7000:1



Motors

Inverter duty, multi volts/hertz designs that allow one motor to be used anywhere in the world.

Specifications:

- Power: 1/8 to 75 HP
- Upgraded components and insulation
- Wide variety of modular add-on options



Online Drawings

WATT's online design tool helps with product selection, provides drawings, and issues complete performance data sheets.

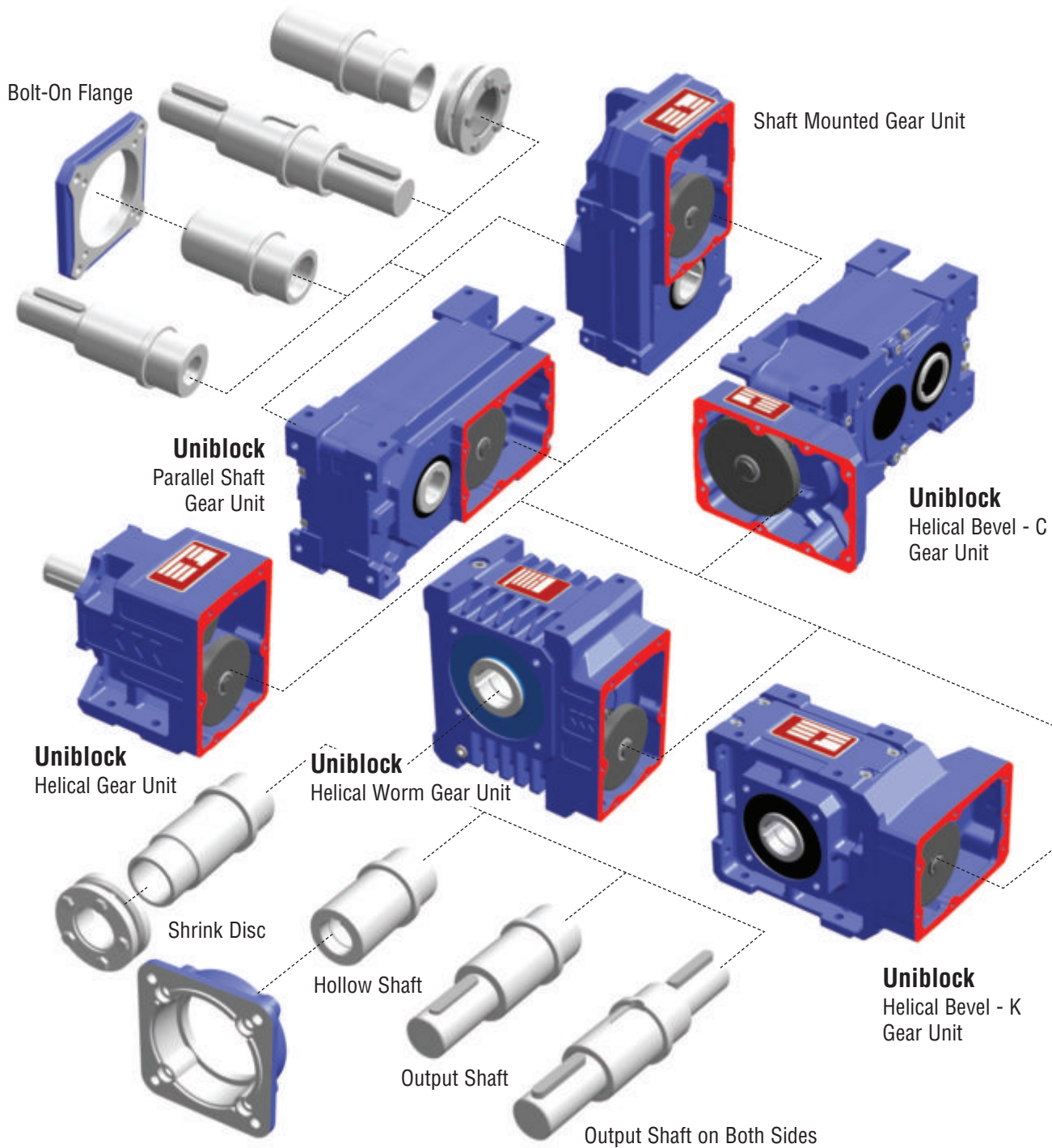
Specifications:

- Selection Configurator
- 2D/3D Drawings
- Performance data sheets

Drawings available on:



www.cat4cad.com



watt drive  [®] - *The intelligent choice!*

The WATT Drive philosophy is to provide the optimal drive solution for each unique application. By combining the most appropriate speed reducer and motor, or just individual components, the result is maximum design versatility, outstanding operating performance, and extreme reliability.

WATT Drive has been a global supplier of cutting edge drive technology for over 35 years. With manufacturing, assembly, warehousing, and tech center facilities throughout Europe, North America, and Asia, WATT Drive provides local personal service along with worldwide customer support.



MAS 2000

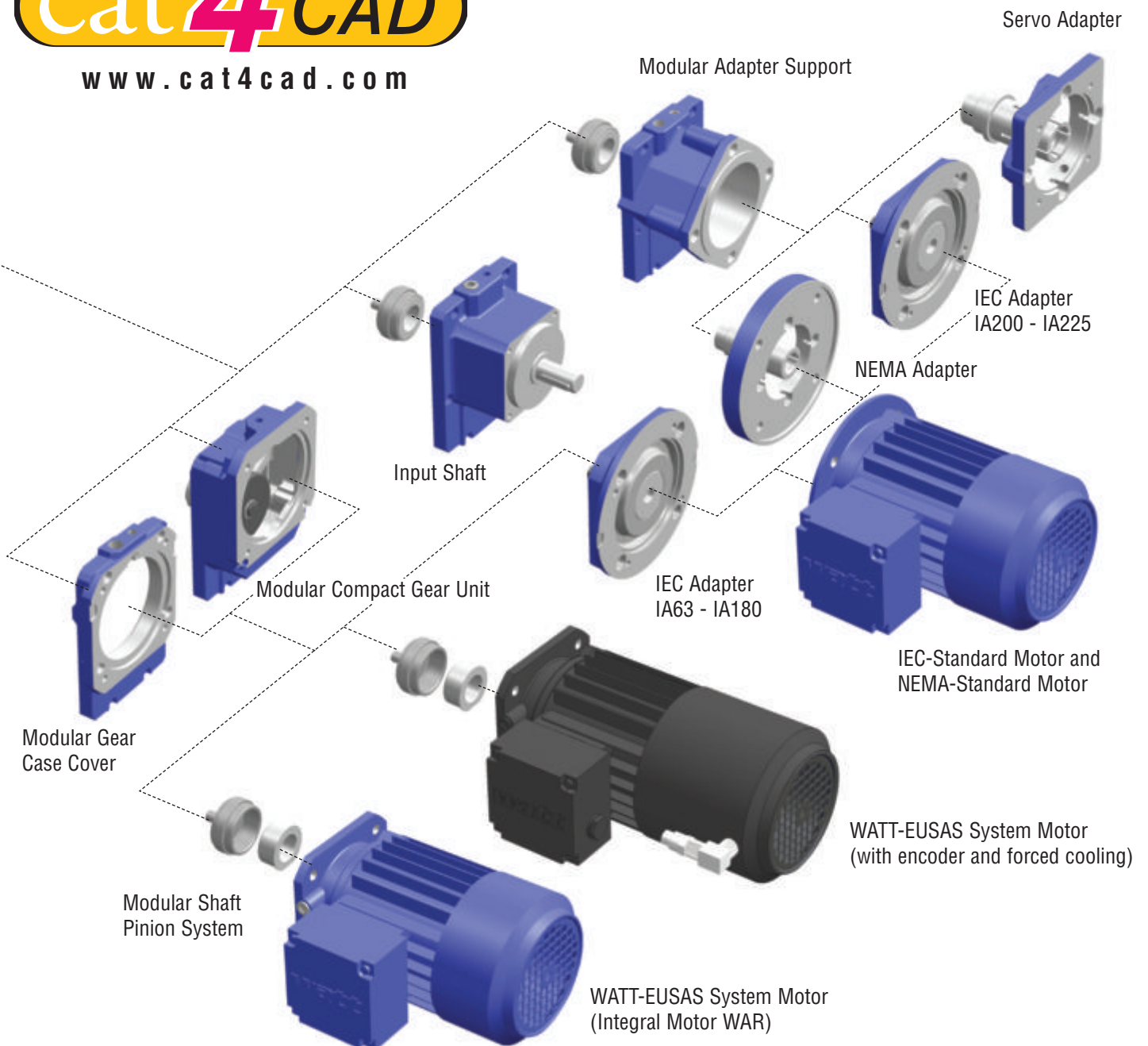
MAS means Modular Assembly System

- **Modular Gear System** - Standard parts integrated into different gearbox designs.
- **Modular Motor System** - Standard design accommodates a variety of add-on options.

Drawings available on:



www.cat4cad.com



Other Products & Services



Servo Gearheads



Servo Worms



Spiral Bevel Gearboxes



Industrial Worms



Zero Backlash Couplings



Torque Limiters



Screw Jack Systems

Engineering Support

DieQua Corporation has several decades of combined experience specifying power transmission and motion control components. This assures the proper selection of components and systems for your unique requirements.



Manufacturing

DieQua Corporation's manufacturing capabilities allow production of many of the components used in the drives we provide. Mounting components and design modifications are also available from our full service machine shop.



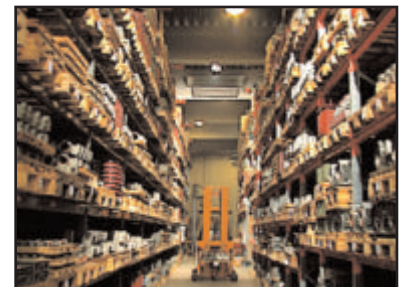
Assembly

DieQua Corporation has a team of factory trained technicians that assemble the majority of the drives we provide. This allows prompt delivery of your production requirements or service repairs.



Warehousing

DieQua Corporation maintains an extensive inventory of common speed reducer and motor components for quick delivery of small orders, prototypes, and spare parts.



Manufacturing Partners



Motion Components and Engineering Services

180 Covington Drive, Bloomingdale, Illinois USA 60108-3105
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Email: info@diequa.com
Web: www.diequa.com