

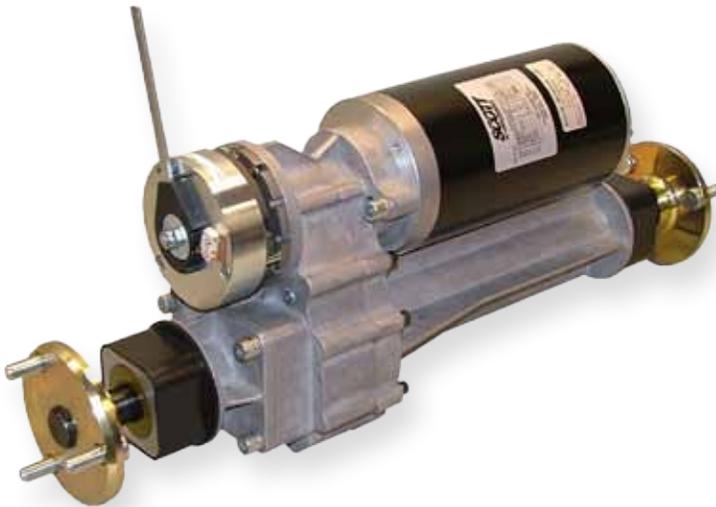


# 425 Transaxle traction drive

## Medium duty, self-contained drive axle with motor, gearbox and differential

For the past 50 years, Euclid Universal has worked to establish its position as a global leader in the power transmission field. Working with diverse Original Equipment Manufacturers, Euclid designs and builds gear drive systems for special applications where off-the-shelf items will not fit or meet exacting rugged duty performance requirements. While the competition adapts drives originally designed for completely different purposes such as automotive windshield wipers and industrial conveyors, Euclid Universal produces gearmotors, gearheads, speed reducers and transaxles custom-made to meet the unique needs of each customer.

Our flexibility in engineering and production affords rapid response in design, prototype and production. Requirements for either low- or high-volume orders can be handled within our facility at competitive costs. We test for sound and vibration issues to assure pre-established requirements are met on each shipment.



### Features

- Double reduction design
- Cut steel helical gearing for smooth, efficient operation
- Field replaceable motor
- Permanent magnet and wound field motor options
- Motor diameter: Up to and including 4.6 inches O.D.
- Oil seals on axle shafts fight dirt intrusion
- Ball bearing construction and supported axles
- Corrosion resistant, all aluminum housing
- Neoprene mounting sleeves
- Multiple gear ratio choices

### Specifications

- Gear ratios: 29.5:1, 25.7:1, 20.7:1
- Motor voltages: 24, 36, 48V DC
- Horsepower: <1.5hp continuous
- Load capacity: <Up to 1800 lbs
- Mounting length: 16-1/2 inches standard
- Lubrication: Extreme pressure grease
- Operation: Bi-directional

### Options

- Custom axle shafts to 1 inch diameter maximum
- Wheel flanges
- Plating for additional corrosion resistance
- Parking brake
- Extended mounting lengths per customer specification

### Applications

- Tugs
- Material handling
- Load movers
- Electric lawn tractors
- Floor maintenance equipment
- Personnel transporter
- Single person golf cars



**Euclid Universal®**

A Kinetek Company®

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Dimensions

