



**Euclid Universal™**

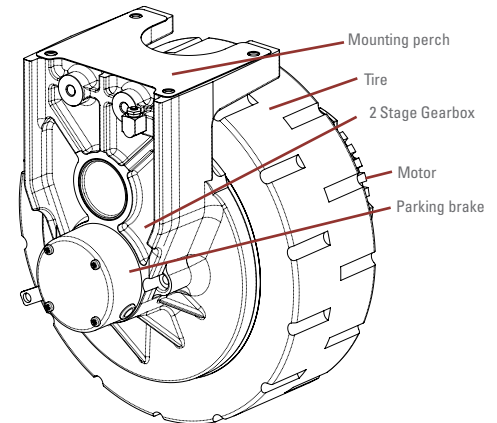
A Kinetek Company®

# CHASSISDRIVE 300 wheel motor

Compact, durable traction drives for electric powered equipment

## Applications

- Load movers
- Material handling
- Floor cleaning equipment
- Mobile work platforms
- AGVs



## Features

- Vent-less permanent magnet motor (0.5-2 hp/ 24 or 36 VDC TENV)
- Specifically designed as a self contained drive. Simply 'bolt on and plug in'.
- Electrically released parking brake direct to input pinion.
  - mounting options on motor or gearbox
  - manual release handle
- Main housing die cast in corrosion resistant aluminum.
- Designed with a 300mm dia. Solid tire.
- Options: 80-85 durometer polyurethane smooth or Nitrile 'Hytraq' wet traction treaded
- Tire/wheel, motor and brake can be changed without affecting other components.
- Designed with quality seals and bearings.
- 35:1, 23:1 total double reduction.
- High quality 'EP' greased-for-life lubrication.

## Specifications

Weight:	45 lbs +/- options
Housing:	Die cast aluminum
Lubrication:	Extreme pressure grease
Tire:	300mm H x 101mm W
Motor:	Ventless permanent magnet
Wheel load:	< 1200 lbs solid Nitrile < 1500 lbs polyurethane
Speed:	0-4.6 mph
Gearbox:	36:1, 23:1 total reduction ratio, double reduction, helical primary, steel heat-treated gears
Brake:	• Electric parking E-mag (60 lb-in or 42 lb-in), 24V or 36V
Swing radius:	6" +/- options

## MADE TO ORDER, BUILT TO LAST

For the past 50 years, Euclid Universal has worked to establish its position as the 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.

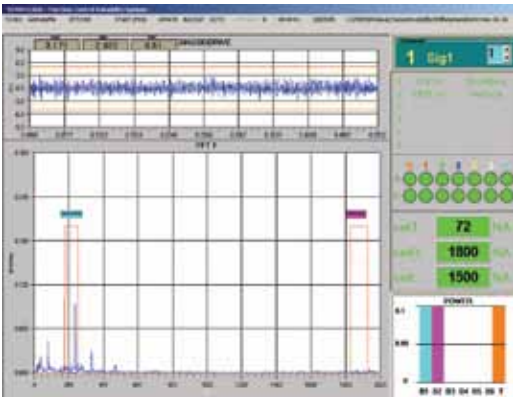
Our flexibility in engineering and production affords rapid response in design, prototype and production. Requirements for either low- or high-volume orders can be handled within our facility at competitive costs. We test for sound and vibration issues to assure pre-established requirements are met on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

# CHASSISDRIVE 300

## wheel motor



Load tester at assembly bench



Computer-based vibration testing during assembly



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