

# Chassisdrive 14



## Wheel Motor

*compact, durable traction drives for electric powered equipment*

**the Muscle in your Motion**

## Features

- \* Ventless wound field motor,  
Advanced DCseries wound or SEPEX.  
2 hp 24 or 36VDC TENV



- Ventless permanent magnet motor  
2 hp  
24V or 36VDC TENV



- \* Specifically designed as a self contained drive. simply "bolt on & plug in".
- \* Available with or without a mechanical 6" disk brake, parking and service duty, or electric parking brake.
- \* Main housing cast in corrosion resistant aluminum.
- \* Designed with a 14"x4.5"x10.5" solid X-grooved tire.  
options:
  - non-marking rubber - grey
  - wet traction "P7" compound - black
  - polyurethane
- \* Service friendly.  
Common sense assembly for ease of service.
- \* Designed with quality seals and bearings, as well as hunter tooth gearing.
- \* 34:1 or 44:1 total double reduction..
- \* High quality " EP" grease lubrication.
- \* Serial I.D. tagged for easy tracking.
- \* Manufactured in the U.S.A.



Heavy duty, steel, heat treated precision machined gearing. Double reduction, hunter tooth design.

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**Specifications:**

Weight:	125 lbs +/- options
Housing:	Two piece cast Aluminum
Lubrication:	Extreme Pressure Grease
Tire:	14"Hx4.5"Wx10.5"ID solid rubber X grooved - non-marking - P7 (wet traction) - polyurethane
Motor:	Ventless 140mm - wound field 36VDCSepEx "EE" (.77hp 34 lb-ft @wheel/60 min) 24VDC SepEx (1.1hp 78 lb.-ft @wheel/60 min) - 36/24 VDC series wound (per spec)  - permanent magnet 2hp 36V @51A @84 lb-ft @wheel (max 7.5hp @320 @584 lb-ft* intermittent)
Speed:	0-5 mph
Wheel Load:	2000 lbs. (rubber tire) 4000 lbs. (polyurethane tire)
Gearbox:	34:1 or 44:1 total ratio (additional ratios available by request) - double reduction - helical primary - steel heat treated gears
Brake:	Mechanical caliper - 6" floating disk - 680 lb-ft @ wheel Electric parking - 800 lb-in @ wheel
Swing Radius:	6"-9" +/- options