

DRIVELINE



Designed for reliable performance season after season

Heavy-duty steel stator cover resists chemicals and corrosive water.

Lower operating temperatures for longer insulation life.

Gear drive produces a 9 RPM increase over the competition.

Spur gear design for less heat, friction and wear.

Rotor and stator can be replaced independently.



Operates at 480V or 380V.

*Lindsay engineered horizontal design assembled in the USA.

Center Drive – field-proven for more than a quarter-century

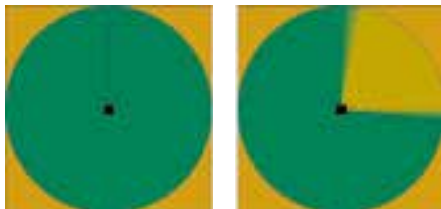
Designed for optimum durability, efficiency and speed, Zimmatic® by Lindsay pioneered the horizontal center drive which has become the industry standard. It continues

to routinely outperform the competition with more than 25 years of proven reliability. It offers the highest horsepower available with a triple reduction gearbox producing maximum efficiency and power distribution.

Fastest rotation speed for more than 25 years

A seven-tower Zimmatic pivot with a 43 RPM motor can complete a circle in under 13 hours, compared to over 16 hours for a competitive system with a 34 RPM motor, which results in a 27% savings.

Zimmatic pivot with 43 RPM motor Competitor's pivot with 34 RPM motor



A seven-tower Zimmatic pivot with a 43 RPM motor can complete a circle in under 13 hours, compared to more than 16 hours for a competitive system with a 34 RPM motor, which is a 27% savings.

FEATURES

- Designed to operate at 480V or 380V
- ¾ HP motor engages a spur gear drive, producing a 9 RPM increase over the competition (43 RPM versus 34 RPM)
- Heavy-duty stator shell is coated to resist chemicals and corrosive water
- Non-helical gear design results in less heat, friction and overall wear
- Lower operating temperatures for longer insulation life
- Rotor and stator can be replaced independently, simplifying maintenance

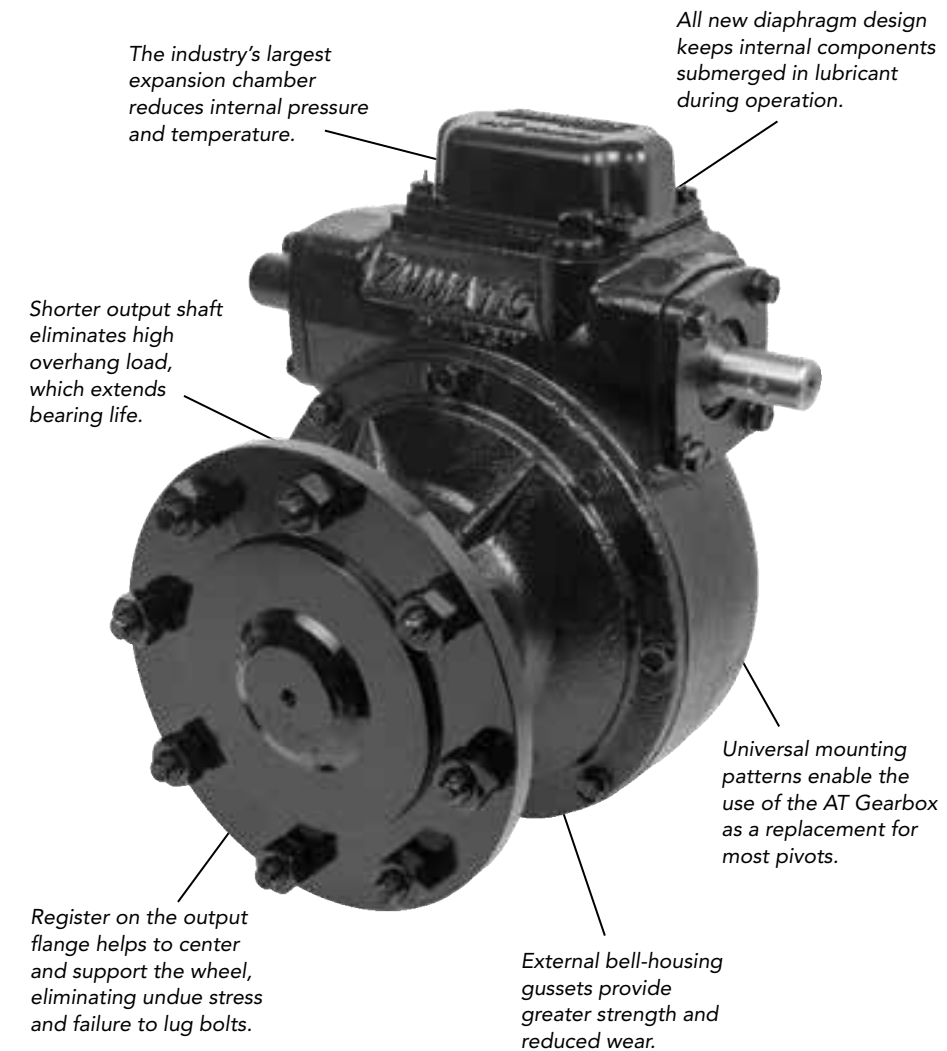
Rugged AT Gearbox – built with the future of center pivot irrigation in mind

Showcasing a completely new Lindsay design, the AT Gearbox is a direct replacement for the field-proven PowerDrive gearbox. The AT Gearbox incorporates some of the PowerDrive's most effective features, such as forged steel gears, cartridge seals and large bearings on both sides of the input shaft.

In addition, the cutting-edge AT Gearbox includes new features such as a universal mounting pattern, large, diaphragm style expansion chamber and an externally gusseted bell housing, which make this the most advanced gearbox on the market.

FEATURES

- Cartridge input and output shaft seals provide extra protection from dirt and moisture
- Two large input bearings increase load capacity by 55%
- Operating life and increased torque consistency are achieved by a super-strong, cast iron bull gear
- Hot-forged 1045 steel worm gear with thicker teeth provides extra strength and better contact with the bull gear
- Easy-fill design allows routine maintenance without opening the expansion chamber
- Excluder on shaft offers additional seal protection
- Flanged bolts keep bolts tight even under the roughest conditions



The industry's largest expansion chamber reduces internal pressure and temperature.

All new diaphragm design keeps internal components submerged in lubricant during operation.

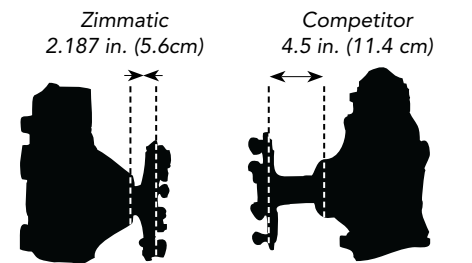
Shorter output shaft eliminates high overhang load, which extends bearing life.

Universal mounting patterns enable the use of the AT Gearbox as a replacement for most pivots.

Register on the output flange helps to center and support the wheel, eliminating undue stress and failure to lug bolts.

External bell-housing gussets provide greater strength and reduced wear.

Engineered to Outlast the Competition



Shorter output shaft extends bearing life.

Note: Some drive train warranties may not support after-market add ons. Contact your local Zimmatic by Lindsay dealer for details.



Radial Tires

Radial tires offered by Zimmatic provide a new high-performance alternative to bias tire options.

- Wide, flat profile for improved flotation and tracking
- Low air pressure for less compaction and rutting
- Heavy load rating, even at lower pressures
- 8-year pro-rated warranty



Lindsay bias ply tires

The cost-effective choice for traditional bias tires.

- Available in popular sizes
- Field tested and proven
- Meet Lindsay's rigorous quality standards
- 8-year pro-rated warranty



NFTTrax – Airless Wheel Assembly

Airless wheel assembly will never go flat and keeps wheel ruts to a minimum, saving time, labor and replacement costs.

To find out more about Zimmatic's driveline visit www.zimmatic.com or talk to your local Zimmatic® by Lindsay dealer.



THE LINDSAY ADVANTAGE

DURABLE • RUGGED • EASY TO USE • INTEGRATED TECHNOLOGIES •
BROADEST LINE OF SOLUTIONS



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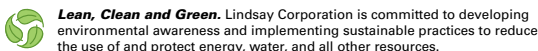
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Lean, Clean and Green. Lindsay Corporation is committed to developing environmental awareness and implementing sustainable practices to reduce the use of and protect energy, water, and all other resources.



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