Designed for reliable performance season after season

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 results in a 27% savings.

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.

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

• 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

Engineered to Outlast the Competition

Shorter output shaft extends bearing life.

Zimmatic 2.187 in. (5.6 cm)

Competitor's pivot 4.5 in. (11.4 cm)

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

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

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

Universal mounting pattern allows the use of the AT Gearbox as a replacement for most pivots.

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

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

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

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