

**ZIMMATIC™**  
BY LINDSAY

**8500 SERIES | PIVOTS AND LATERALS**



TECHNOLOGY... STRENGTH...  
ZIMMATIC VALUE

# 8500 SERIES | VALUE AND STRENGTH

The 8500P irrigation system now adds even more value to your growing process, with new and improved components. If you're looking for a quality, economical solution for irrigating your fields, the 8500P delivers.

## STRUCTURE

### Quality materials at a value price.

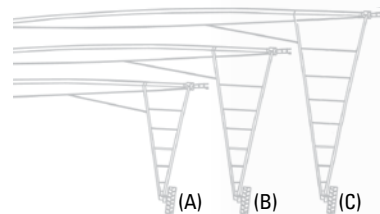
- High tensile strength 11/16-inch truss rods
- Full complement of tower options – low, standard, medium- or high-clearance
- Crossed tower braces provide more support for torsional loads

- Zimmatic's exclusive Uni-Knuckle span connection offers full support, stress-free flexibility and external design to eliminate flow restriction
- Optional 8500P compact pivot point allows use of competitive pivot pads with a smaller footprint, reducing installation costs

- Updated, proven design
- Industry-leading materials
- No restrictions on machine length
- Backed by complete Zimmatic warranty

### Optional Tower Heights

With the value of 8500P, you get all the options you'd want from top-of-the-line systems. Choose the tower height that's right for your crops: Standard (A), Medium-clearance (B), and High-clearance (C).



## ZIMMATIC COMPARISON - SPECIFICATIONS

	Zimmatic 9500P	Zimmatic 8500P	Valley® 8000	Valley® 7000	Reinke® Electrogator II™
Pipeline	5 9/16," 6 5/8," 8," 8 5/8," 10"	6 5/8"	5," 6," 6 5/8," 8 5/8," 10"	6 5/8"	6," 6 5/8," 8 5/8," 10"
Truss Rod Diameter	3/4," 11/16"	11/16"	3/4" and 11/16"	11/16" and 5/8"	3/4" and 5/8"
Truss Rod Steel Strength	75,000 psi	75,000 psi	50,000 psi	50,000 psi	62,000 psi
Truss Angle Sizes	2" x 2" 3/16" and 1/8"	2" x 2" 1/8"	2" x 2" 3/16"	2" x 2" 1/8"	2.2" x 2" 1/8"
Tower Legs	4" x 3" x 1/4"	4" x 3" x 1/4"	3" x 3" x 1/4"	3" x 3" x 3/16"	5/32" Rolled Steel

# LENGTH THROUGH TECHNOLOGY



## Robust Pivot Points

Hot-dipped galvanized steel legs and heavy-duty cross-members form a rugged foundation.



## Full Flow Collector Ring

The collector ring is mounted externally, eliminating water flow restriction – a distinct advantage over the internal designs on other irrigation systems. The unit is entirely encased in fiberglass and features dual sliding contacts that ensure uninterrupted power.

## PIPELINE

*The 8500P's pipes have been tested to ensure quality and meet the Zimmatic standard of durability.*

- Diameter of 6-5/8 inches
- 12-gauge pipe and tower joints
- Matches the competition's thickest pipeline

- Zimmatic's 9500P pipeline can be used in place of the 8500P pipe, for machine flexibility and ease of service
- High tensile strength steel provides longevity



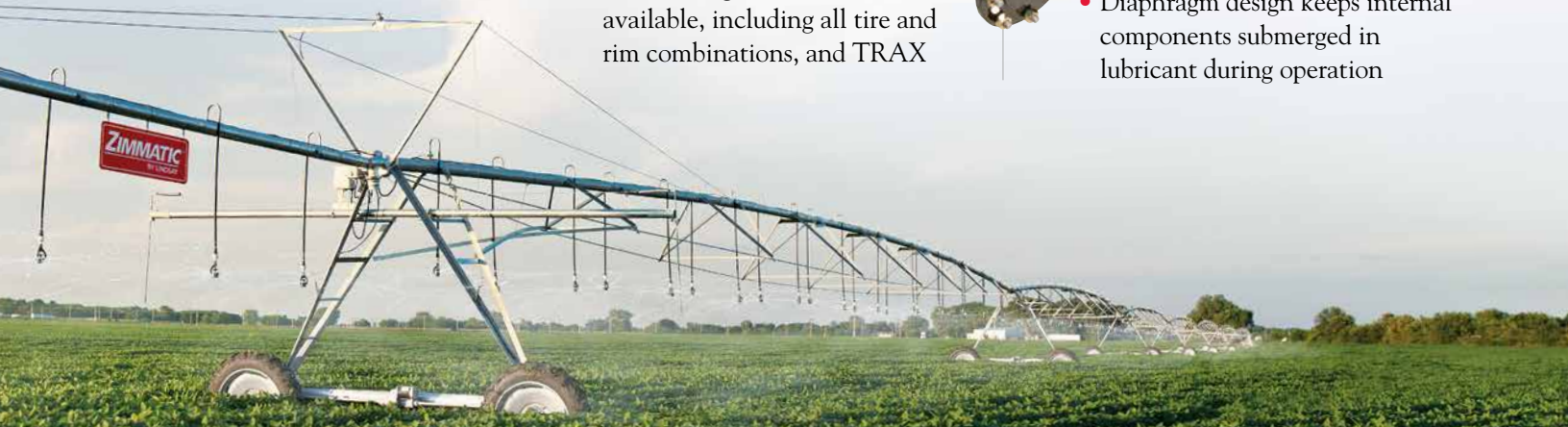
## DRIVELINE

*With a standard 43 RPM center drive motor, the 8500P driveline matches Zimmatic 9500P's standard rotation – the fastest rotation speed of any center drive available.*

- Center drive motor uses Zimmatic's proven triple reduction spur gear technology – it's the same high-efficiency drive you know and trust
- High strength 12-gauge steel drive tubes
- All tracking solutions are available, including all tire and rim combinations, and TRAX

## Rugged AT Gearbox

- The industry's largest expansion chamber
- Includes a register on the output flange for additional wheel support, as well as an externally gusseted bell-housing for increased strength
- Shorter output shaft than the competition, eliminates high overhang load on bearings
- Universal mounting pattern
- Diaphragm design keeps internal components submerged in lubricant during operation





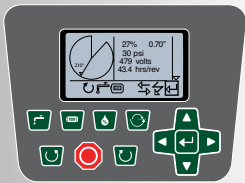
## CONTROL OPTIONS

Zimmatic's advanced technology products provide simple, easy-to-use control over your irrigation system. They offer convenience and lower operating costs through the efficient use of time, labor, energy and water.



### BASIC

Simple, dependable and economical, the BASIC features automatic shutdown, reverse and power restart.



### VISION FOR PIVOTS

User-friendly and Internet-ready, this control panel provides vital pivot status information at a glance.



### BOSS

This smart, intuitive and expandable control panel provides powerful irrigation management. EZ Plans provide automatic control of water application of multiple segments.



### GPS OPTION

The GPS option uses the power of global positioning to identify the exact location of the end gun in relation to the pivot point.



## FieldNET Wireless Irrigation Management

This user-friendly technology provides the most comprehensive options to control irrigation systems – from pivots and laterals to pumps and sensors – with any laptop, tablet or smartphone. This integrated water, fertilizer and chemigation management tool boosts operational efficiency throughout the entire crop lifecycle for greater labor, fuel, energy and water savings.



FieldNET mobile apps work with iOS® and Android™ platforms so you can check systems from virtually anywhere.

Android is a trademark of Google Inc.  
IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.

# INCREDIBLE VALUE WITH ZIMMATIC'S TRUSTED STRENGTH AND DURABILITY

The 8500P center pivot provides an incredible value for your operation. Combining state-of-the-art engineering design processes with the latest in material science, the 8500P center pivot features a competitive 12-gauge pipeline in a high strength machine you can trust to provide consistent irrigation for many years.



## 8500P

The 8500 Series machine's capability in challenging environments is surpassed only by the Zimmatic 9500 Series.



## MOBILE PIVOT OPTIONS

Three different mobile pivot solutions allow you to spread your investment over multiple fields.



## PIVOTING LATERAL

This system incorporates a 9500 pivoting lateral cart with 8500P spans for a low-cost, introductory level lateral move system.



## Superior efficiency from advanced engineering

The 8500P is built to make the most of every part. It's designed with advanced computer modeling, followed by:

- Exhaustive Finite Element Analysis (FEA)
- Complete review of all materials
- Technologically advanced engineering techniques using the most efficient design possible.

## CENTER PIVOT APPLICATION GUIDE

	Zimmatic 9500P	Zimmatic 8500P	Valley® 8000	Valley® 7000
Slope Limitations 157' Span Ridges 0 - 6"	15%	15%	13%	11%
Slope Limitations 179' Span Ridges 0 - 6"	15%	15%	11%	9%
Track Management Options	All Available	All Available	All Available	None Available
Max Machine Length	None	None	None	1500'
Towable	Yes	Yes	Yes	No
Lateral Move	Yes	Yes	Yes	No



## The Lindsay Advantage

Zimmatic® by Lindsay offers proven systems and products that are built to be strong, long-lasting, durable and easy to use for growers who need highly efficient irrigation solutions. These systems can be enhanced with a family of integrated plug-and-play add-ons.

Growers around the world rely on Zimmatic's innovative technology support by a network of knowledgeable dealers to add value, reduce risk and take full advantage of every growing season.

**To find out how to save water and energy while achieving higher yields with the 8500 Series, visit [www.zimmatic.com](http://www.zimmatic.com) or talk to your local Zimmatic by Lindsay dealer.**



To learn more about The Lindsay Advantage, scan this QR Code or visit [www.lindsayadvantage.com](http://www.lindsayadvantage.com)



### THE LINDSAY ADVANTAGE

DURABLE • RUGGED • EASY TO USE • INTEGRATED PLUG-AND-PLAY TECHNOLOGIES • BROADEST LINE OF SOLUTIONS



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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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