8500 SERIES | PIVOTS AND LATERALS

TECHNOLOGY... STRENGTH...
ZIMMATIC VALUE
8500 SERIES | VALUE AND STRENGTH THROUGH TECHNOLOGY

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 14/16" main rail.
- Full compliment of tower options – low, standard, medium- and high-clearance.
- Crossed tower braces provide non-torsional loads.
- Zimmatic’s exclusive Uni-Knuckle joint connection offers full support, stress-free flexibility and external design to eliminate flow restriction.
- Optional 8500P compact pivot provides use of competitive pivot pads with smaller footprint, reducing installation costs.
- Updated, proven design.
- Industry-leading materials.
- No corrosion on machine-length components. If you’re looking for a quality, economical solution for irrigating your fields, the 8500P delivers.

ZIMMATIC COMPARISON - SPECIFICATIONS

<table>
<thead>
<tr>
<th>Zimmatic 8500P</th>
<th>Zimmatic 8500P</th>
<th>Valley® 9000</th>
<th>Valley® 7000</th>
<th>BOSS Electro Lag® 8&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outside Diameter</td>
<td>2.2&quot; x 2&quot;</td>
<td>2.2&quot; x 2&quot;</td>
<td>6.5&quot; x 8&quot;</td>
<td>6.5&quot; x 8&quot;</td>
</tr>
<tr>
<td>Tower Legs</td>
<td>3/4&quot; x 3/4&quot;</td>
<td>3/4&quot; x 3/4&quot;</td>
<td>2&quot; x 2&quot;</td>
<td>2&quot; x 2&quot;</td>
</tr>
<tr>
<td>Tower Angle</td>
<td>75,000 psi</td>
<td>75,000 psi</td>
<td>100,000 psi</td>
<td>100,000 psi</td>
</tr>
<tr>
<td>Tower Height</td>
<td>12-gauge pipe and tower joints</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>75,000 psi</td>
<td>62,000 psi</td>
<td>75,000 psi</td>
<td>62,000 psi</td>
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VALUE AND STRENGTH THROUGH TECHNOLOGY

With a standard 43 RPM center drive motor, the 8500P-drive matches Zimmatic 9500P’s standard 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 NT Flex

BOSS
- Diaphragm design keeps internal components submerged in lubricant during operation,
- Universal mounting pattern
- BOSS provides the most comprehensive array of automatic applications.
- Includes a register on the output flange for additional wheel support, as well as an externally gasketed hub bearing for increased strength.
- Shorter output shaft than the competition, eliminates high crushing loads on bearings.
- Simple, dependable and economical, the BOSS features automatic shutdown, reverse and power restart.

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VISION FOR PIVOTS
- User-friendly and Internet-ready, this control panel provides vital pivot status information at a glance.
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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.
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CONTROL OPTIONS
- Zimmatic’s advanced technology products provide simple, easy-to-use controls over your irrigation system. They offer convenience and lower operating costs through the efficient use of time, labor, energy and water.

PIPELINE
- The 8500P's pipes have been tested to ensure quality and meet the Zimmatic standard of flexibility.
- Diameter of 6-5/8 inches
- High tensile strength 12-gauge pipe, for machine flexibility and ease of service.
- High tensile strength steel provides longevity.

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Full Flow Collector Ring
The collector ring is mounted externally, eliminating water flow restriction over the internal designs on other irrigation systems. The ring is entirely encased in fiberglass and features dual sliding contacts that ensure uninterrupted power.

Robust Pivot Points
- 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.

Optional Tower Heights
With the value of the 8500P, you get all the options you want from top to bottom! Choose the tower heights that’re right for your crop. Standard (A), Medium- (B), and High-clearance (C).

8500 SERIES | VALUE AND STRENGTH THROUGH TECHNOLOGY

The 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. The integrated water, fertilizers and chemigation management tool boosts operational efficiency throughout the entire crop lifecycle for greater labor, fuel, energy and water savings.

FieldNET Wireless Irrigation Management

The 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. The integrated water, fertilizers 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.
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.

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**CENTER PIVOT APPLICATION GUIDE**

<table>
<thead>
<tr>
<th></th>
<th>Zimmatic 9500P</th>
<th>Zimmatic 8500P</th>
<th>Valley® 8000</th>
<th>Valley® 7000</th>
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</thead>
<tbody>
<tr>
<td><strong>Slope Limitations</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>157’ Span Ridges 0 - 6”</td>
<td>15%</td>
<td>15%</td>
<td>13%</td>
<td>11%</td>
</tr>
<tr>
<td>179’ Span Ridges 0 - 6”</td>
<td>15%</td>
<td>15%</td>
<td>11%</td>
<td>9%</td>
</tr>
<tr>
<td><strong>Track Management Options</strong></td>
<td>All Available</td>
<td>All Available</td>
<td>All Available</td>
<td>None Available</td>
</tr>
<tr>
<td><strong>Max Machine Length</strong></td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>1500’</td>
</tr>
<tr>
<td><strong>Towable</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td><strong>Lateral Move</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
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</table>
The Lindsay Advantage

Lindsay is the only single-source irrigation manufacturer that can develop a customized pivot, lateral or drip system for your individual needs. From planning and design to wireless management, filtration and custom pump stations, Lindsay will help you optimize yields and reduce risk while efficiently utilizing resources.

Growers around the world rely on Lindsay’s innovative technology and long-lasting products supported by a network of knowledgeable dealers.

To find out how to save water and energy while achieving higher yields with the 8500 Series, visit www.zimmatic.com or talk to your local Zimmatic by Lindsay dealer.