

PIVOTS & LATERALS



# THE ZIMMATIC DIFFERENCE

## PRECISION THAT LASTS A LIFETIME.

Invest in an irrigation system built right the first time, to last a lifetime. Whatever Zimmatic product or component you choose, you'll find unsurpassed precision, quality, and durability that will run trouble-free for years to come. **It's in our DNA.**



### Precision water control

To maximize efficiency, Zimmatic systems are designed to put water just where you need it without waste.

- Rotators, sprays, LEPA, wobblers, and impacts can be custom-tailored and computer designed to match your desired application rate
- Drops minimize water loss due to wind or evaporation
- Offsets and boombacks extend application area and minimize wheel tracking
- Optional Precision VRI uses location-based individual sprinkler control for maximum precision

### STRUCTURE



**A HEAVY-DUTY PIVOT POINT**  
Hot-dipped galvanized steel legs and heavy-duty cross members form a sturdy foundation.



**B EXCLUSIVE UNI-KNUCKLE**  
Found only on Zimmatic, it offers full support and stress-free flexibility.



**C EXCLUSIVE SPLIT COUPLER**  
Encloses an inner boot to ensure a watertight connection.



**D FORMED OUTLETS**  
Formed as part of the pipeline to ensure perfectly matched threads.



**E TRUSS RODS AND TRUSSES**  
Exclusive "V-Jack" design distributes loads evenly for superior support.



**F OPTIMIZED SPAN DESIGN**  
Designed to manage even the tallest of crops, strong alloy steel increases durability while reducing weight.



**G CROSSED STABILIZER ANGLES**  
"X-type" bracing links each span with the next tower, absorbing torsional stress.

### COMPONENTS



**1 FULL FLOW COLLECTOR RING**  
Mounted externally to eliminate water flow restriction.



**2 PIPE OPTIONS**  
Standard 11-gauge pipe is the thickest on the market, with formed, not welded, outlets for enhanced durability. Your Zimmatic dealer can help select the right pipe – poly-lined, galvanized steel, stainless steel, or aluminum – to manage corrosive water challenges.



**3 GPS POSITIONING**  
Precision GPS means the control panel can read the exact pivot position at any time.



**4 CENTER DRIVE**  
The fastest standard center drive completes a quarter-mile circle in less than 13 hours, compared to other's 16-hour rotation.



**5 ZIMMATIC AT GEARBOX™**  
A shorter output shaft reduces overhang load to extend bearing life, and the industry's largest expansion chamber reduces pressure and temperature.

## CHOOSE THE PERFECT FIT FOR YOUR FIELD.

For more than 50 years, Zimmatic has been the reliable irrigation and innovation partner for growers around the world. Whatever unique challenges your operation presents, there's a Zimmatic pivot built to meet your needs.

### 9500P | CENTER PIVOT

#### TOP-OF-THE-LINE TO ENHANCE YOUR BOTTOM LINE.

The industry standard for longevity and efficiency, featuring 11-gauge pipeline. Rugged, efficient, and adaptable to most any field conditions, it's the best way to get the most out of your fields. Build the system that's right for you.

- The most tower options – low, standard, medium, high, or super high clearance
- No length limit lets you choose the span that's right for your field
- The thickest pipeline provides exceptional strength and durability
- Available in pipe diameters to fit each field – 10", 8 5/8", 6 5/8", or 5 9/16" (254 mm, 219 mm, 168 mm, or 141 mm)
- Poly-lined, stainless steel, aluminum, or galvanized



### 8500P | CENTER PIVOT

#### HIGH-VALUE HIGH-PERFORMANCE.

Engineered for value without cutting performance, with state-of-the-art design and high-strength 12-gauge pipeline.

- Full complement of tower options – low, standard, medium, or high clearance
- Optional compact pivot point allows use of competitive smaller-footprint pivot points
- 12-gauge pipe and tower joints, and 6 5/8" (168 mm) pipeline maintain strength while delivering value





## 7500P | CENTER PIVOT

# BIG STRENGTH FOR SMALL FIELDS.

Designed for smaller fields, you can cost-effectively irrigate up to 60 acres (24 ha). All the quality and features of a bigger pivot in a more compact package.

- Smaller diameter pipeline (4 1/2" / 114 mm) for a lightweight, efficient, and high-strength system
- Pivot point features four full-length legs with numerous cross ties to provide a stable base
- Compact footprint with 5" riser pipe and elbow
- Crop clearance up to 10 1/2' (3.21 m)

## ZIMMATIC MACHINE FAMILIES

SELECT YOUR PIVOT POINT



	9500 SERIES	8500 SERIES	7500 SERIES
<b>Height</b>	12'10", 15'10", 23'6" (3.91 m, 4.83 m, 7.16 m)	12'10" (3.91 m)	12'10" (3.91 m)
<b>Diagonal Footprint</b>	Standard	Compact	Compact
<b>Pivot Leg Dimension</b>	4" x 4" x 1/4" (102 mm x 102 mm x 6.4 mm)	4" x 4" x 1/4" (102 mm x 102 mm x 6.4 mm)	3" x 3" x 1/4" (76 mm x 76 mm x 6.4 mm)
<b>Maximum Machine Length</b>	None	None	870' (265 m)
<b>Riser Diameter</b>	10", 8", 6 5/8", 5 9/16" (254 mm, 203 mm, 168 mm, 141 mm)	6 5/8", 5 9/16" (168 mm, 141 mm)	5" (127 mm)
<b>Span Compatibility</b>	9500 & 8500 Series	9500 & 8500 Series	7500 Series Only

SELECT YOUR SPAN CONFIGURATION AND TOWER STRUCTURE



PIVOT TYPE	9500P	8500P	7500P
<b>Truss Diameter</b>	3/4", 1 1/16" (19.1 mm, 17.5 mm)	3/4", 1 1/16" (19.1 mm, 17.5 mm)	1 1/16" (17.5 mm)
<b>Maximum Slope</b>	30%	30%	15%
<b>Truss Angle</b>	2" x 2" x 3/16" and 1/8" (51 mm x 51 mm x 4.8 mm and 3.2 mm)	2" x 2" x 1/8" (51 mm x 51 mm x 3.2 mm)	2" x 2" x 1/8" (51 mm x 51 mm x 3.2 mm)
<b>Span Connection</b>	Aluminum Coupler & Boot	Composite Coupler & Boot	Hose & Clamp
<b>Corner Arm</b>	Available	Available	N/A
<b>FieldPLUS</b>	Available	Available	N/A
<b>Diameters</b>	10", 8 5/8", 8", 6 5/8", 5-9/16" (254 mm, 219 mm, 168 mm, 141 mm)	6 5/8" (168 mm)	4 1/2" (114 mm)
<b>Pipeline Material</b>	Galv, Poly, Aluminum, SS	Galvanized	Galvanized
<b>Pipeline Thickness</b>	11-Gauge	12-Gauge	11-Gauge
<b>Pipe Length</b>	44' Full, 22' Half (13 m Full, 7 m Half)	44' Full, 22' Half (13 m Full, 7 m Half)	39' Full, 19.5' Half (12 m Full, 6 m Half)
<b>Span Lengths</b>	113'- 201' (34 m - 61 m)	113'- 201' (34 m - 61 m)	120'-198' (37 m - 60 m)
<b>Maximum Machine Length</b>	None	None	870'
<b>Overhang Length</b>	11' to 88' (3.35 m to 26.82 m)	11' to 88' (3.35 m to 26.82 m)	19'6" to 78' (5.94 m to 23.77 m)

TOWER STRUCTURE

	9500 SERIES	8500 SERIES	7500 SERIES
<b>Height</b>	10', 12', 20', 25' (3.05 m, 3.66 m, 6.10 m, 7.62 m)	10', 12' (3.05 m, 3.66 m)	10'6" (3.21 m)
<b>Tracking Configuration</b>	2-, 3-, or 4-Wheel	2- or 3-Wheel	2-Wheel
<b>Tower Legs</b>	4" x 3" x 1/4" (102 mm x 76 mm x 6.4 mm)	4" x 3" x 1/4" (102 mm x 76 mm x 6.4 mm)	3-1/2" x 3-1/2" x 1/4" (89 mm x 89 mm x 6.4 mm)
<b>Stabilizers</b>	Crossed 3" Angle Iron Crossed 76 mm Angle Iron	Crossed 3" Angle Iron Crossed 76 mm Angle Iron	Crossed 2" Angle Iron Crossed 51 mm Angle Iron
<b>Tire Options</b>	11.2" x 22.5" 11.2" x 24.5" 11.2" x 24" 11.2" x 38" 14.9" x 24" 16.9" x 24" 12.4 x 38 Radial	11.2" x 22.5" 11.2" x 24.5" 11.2" x 24" 11.2" x 38" 14.9" x 24" 16.9" x 24" 12.4 x 38 Radial	11.2" x 22.5" 11.2" x 24.5" 11.2" x 24" 14.9" x 24" 16.9" x 24"
<b>NFTrax (airless wheel assembly)</b>	12 x 52	12 x 52	N/A
<b>Span Compatibility</b>	9500 & 8500 Series	9500 & 8500 Series	7500 Series Only

## CONTROL PANELS

# IRRIGATION CONTROL MADE EASY.

Get the most out of your field with the best technology in your field. Our full range of advanced Zimmatic controllers are all FieldNET-ready, with advanced, easy-to-use interfaces to help you gain complete command of your pivot operation.

Choose the control panel that's right for you.

### 700 SERIES CONTROL PANELS



**712C** – Intuitive 12" interactive touchscreen



**700C** – Simple user interface

### 712C & 700C | Industry-leading technology with unparalleled ease of use

For the grower who is ready for complete control.

- Choose an industry-leading 12" interactive touchscreen (712C) or an ultra-simple interface (700C)
- FieldNET-ready with GPS positioning to remotely automate stops, provide advanced end gun control, create precision irrigation plans, and more
- Works with FieldNET Advisor for enhanced control and decision making
- Compatible with soft and hard barriers
- Includes all of the features from the 500C control panel

### 500 SERIES CONTROL PANELS



### 500C | The next generation standard panel

For the grower who wants to focus on getting the most out of the fields.

- Ultra-simple interface
- FieldNET-ready with basic run control and easy pump start
- Built-in features like pressure shutdown alert, pressure restart, and much more
- Works with FieldNET Advisor for advanced irrigation scheduling
- Over-the-air serviceability for enhanced software, firmware, and feature updates
- Compatible with hard barriers only

### VISION FOR LATERALS



### Intelligent lateral system control that is user-friendly

Made specifically for superior control of the Zimmatic 9500L lateral system, VISION for laterals gives you automatic control at the touch of a button.

- Simplified, intuitive panel is 15 times faster to program than competitors' panels
- Easy, accurate programming designed with the grower in mind
- Custom application plans for enhanced efficiency
- GPS positioning delivers precise control
- Available with FieldNET on-board for enhanced control

### 500C, 700C, AND 712C ALL INCLUDE THESE BASIC FEATURES:

- FieldNET remote monitor and control compatibility
- Pivot start/stop
- Direction
- Water on/off
- Chemigation on/off
- Speed
- Application amount\*\*
- Circle time\*\*
- Pressure
- Voltage
- Auto-restart (power and pressure)
- Smart Barrier Actions
- Smart Alignment
- Surge fault detection
- Digital hour meters for each function\*\*
- History log
- Diagnostics
- USB software updates
- Over-the-air software updates via FieldNET
- Mobile app for offline configuration and programming

### 700C AND 712C ADD THESE CAPABILITIES:

- Compatible with FieldNET Advisor\*
- Position
- Programmable service stop
- Flow
- Temperature\*\*
- End-gun control\*\*\*
- End-of-pivot pressure
- Sectional plans\*\*\*
- Smart Advanced Plans
  - Date/time control
  - 1-pass control
  - Barrier actions
  - Position control
- GPS overwater timer
- Load control schedule\*\*\*
- DDC (Dynamic Demand Control) ready for pump stations\*
- Expandable inputs/outputs

\*Requires FieldNET subscription

\*\*Requires FieldNET subscription for 500C & 700C panel

\*\*\*Requires FieldNET subscription for 700C panel

### Have an older Zimmatic control panel model?

Lindsay still services legacy Zimmatic models like BASIC, BOSS, and VISION for pivots. Contact your dealer if you have any questions about your current control panels or want to upgrade to the latest and most advanced models.

### 712C PANEL ADDS A 12" TOUCHSCREEN INTERFACE IN THE FIELD



# THE POWER BEHIND THE PIVOT.



## CENTER DRIVE

Built for maximum durability, the Zimmatic Center Drive has been proven in the field for more than 25 years. Faster than the competition, it can cover the same circle more than 25% faster, saving you time and electricity.

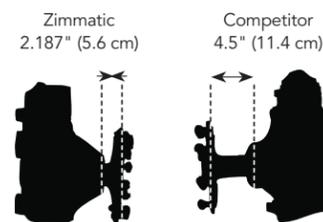
- Ultra-simple interface
- Heavy-duty steel resists chemicals and corrosive water
- Gear drive produces a 9 RPM increase over the competitor (43 RPM vs 34 RPM)
- Non-helical, spur gear design produces less heat, friction, and wear
- Rotor and stator can be replaced independently for easy maintenance
- Operates at 380V-480V
- Lower operating temperatures mean a longer life



## AT GEARBOX

Innovatively designed to enhance both longevity and efficiency, the Zimmatic AT Gearbox is the most advanced gearbox on the market. It's packed with features to keep it running trouble-free for years to come.

- Industry's largest expansion chamber reduces internal pressure and temperature
- Innovative diaphragm design keeps internal components lubricated
- Shorter output shaft to extend bearing life
- Universal mounting patterns to fit most any pivot
- External bell-housing gussets provide greater strength
- Cartridge input and output shaft seals for extra protection from dirt and moisture
- Two large input bearings increase load capacity by 55%
- Hot-forged 1045 steel worm gear with thicker teeth for extra strength
- Easy-fill design allows routine maintenance without opening expansion chamber
- Flanged bolts stay tight even under the roughest conditions



Shorter output shaft extends bearing life.



## TNT2 TOWABLE GEARBOX

Get in and out of fields faster thanks to an easy-to-operate gear bale. Simply disengage, tow your pivot to a new location, and re-engage. You're ready to run.

- Positive locking in both towing and non-towing positions
- Universal bolt pattern to fit most pivots
- Simple bale engagement lever makes for quick and easy operation
- Built with Zimmatic's proven gearing for reliability

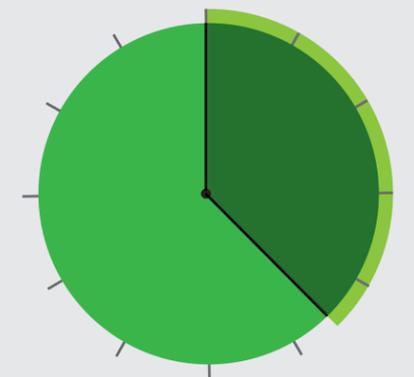


## 9500HS | HIGH SPEED DRIVE

# FAST WHEN YOU WANT IT. CONTROL WHERE YOU NEED IT.

Cut irrigation time in half. When you need water right, right now, this is the drive for you.

- The most cost-effective high-speed solution available on the market
- Retrofits existing Zimmatic pivots; no mechanical changes required
- Faster speed means more efficient water application for better management of high-value crops
- Available in 38" tire configurations for less compaction
- Works well even on hilly terrain



9500HS 100% complete in 5.5 hours  
Standard pivot only 46% complete in 5.5 hours

## LATERAL SYSTEMS

# MORE CONTROL. MAXIMUM PRODUCTION.



Ideal for high-value crops that demand more control.

For growers with square or rectangular fields, lateral systems are the solution to allow you to maximize production, delivering up to 98% coverage. For high-value crops, you'll get more uniformity and precise control of water and chemical application. Zimmatic lateral systems combine maximum irrigation coverage with uniform watering over the entire field.

Available with options for water supply, power source, and guidance systems to customize to your situation.

## WATER SUPPLY AND POWER SOURCE OPTIONS



### HOSE-FED

- Water supplied through a large-diameter hose attached to a pressurized main line
- Pivot and/or towing options for use on adjacent fields
- Uses two- or four-wheel cart, depending on field size
- Powered by an onboard diesel generator or electrical cable



### DITCH-FED

- Water supplied using existing ditch at field edge or in center
- Ditches can be unlined, concrete, or plastic lined
- Accommodates grades up to 1%
- Uses four-wheel cart
- Powered by an onboard diesel generator and pump, or electrical cable

## GUIDANCE SYSTEM OPTIONS



GPG guidance – the most advanced guidance available for lateral systems, utilizing both leading and lagging GPS antennas for focused precision in field tracking. With a best-in-class interface, it's simple to set up and easy to use.

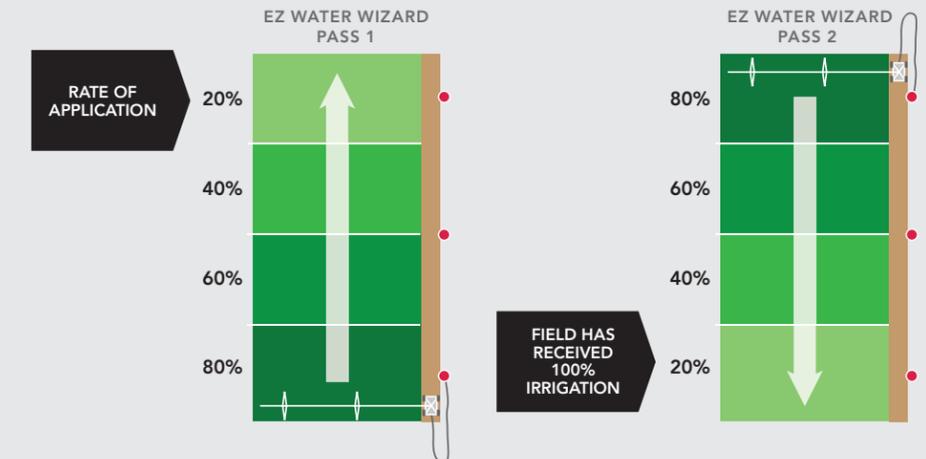
Other available guidance systems: furrow, above-ground cable, and buried cable.

## EZ Water Wizard takes the guesswork out of lateral irrigation application rates.

Intuitive, easy-to-use programming with just a couple of buttons. The program matches the water rate to your field for uniform watering.

### UNIFORM WATERING ACROSS YOUR FIELD

The EZ Water Wizard lateral control automatically varies water rates so that no area is over- or underwatered. The lateral never has to make a dry run.



LATERAL CONFIGURATIONS	9500L	
	4-wheel	2-wheel
Clearance	Standard, Medium, High, Ultra-High	
Maximum Length	None	None
Ditch-fed	Yes	No
Hose-fed	Yes	Yes
Center-fed	Yes	No
End-fed	Yes	Yes
Pivoting	No	Yes
Span Diameter	5 9/16", 6 5/8", 8" (141 mm, 168 mm, 219 mm)	5 9/16", 6 5/8", 8" (141 mm, 168 mm, 219 mm)
Span Compatibility	9500	9500
Buried Cable Guidance	Yes	Yes
Above-ground Cable Guidance	Yes	Yes
Furrow Guidance	Yes	Yes

9500L   LATERAL CART OPTIONS	HOSE-FED	DITCH-FED
	Field Size	Up to 160 acres (65 ha)
Power Source	Onboard diesel generator or electrical cable	Onboard diesel generator and pump, or electrical cable
Guidance System	GPS Position, furrow, buried cable, or above-ground cable	GPS Position, above-ground cable, or buried cable
Grade of Field	Up to 6%	Flat
Extended Coverage Options	Yes (w/ pivoting laterals or two-wheel hose pull cart only)	No

**9520PL | PIVOTING LATERAL**

**MAKE EVERY INCH OF LAND COUNT.**



It's the best of both worlds.

Perfect for irregularly-shaped fields, the combination of a pivot and a lateral into one system gives growers the flexibility to make the most out of their available ground without investing in extra equipment.

Easy and intuitive digital controls enable growers to add custom application plans, end gun area controls\*, and multi-stage run plans.

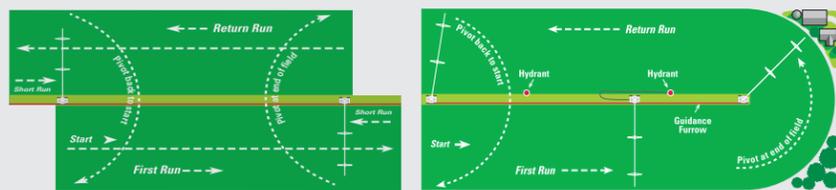
\*Currently available with GPS guidance

**9520L SPECS – 6-WHEEL AND 4-WHEEL**

Maximum Length: 1485' (450 m)
Hose-fed
Span Diameter: 5 9/16", 6 5/8", 8 5/8" (141 mm, 168 mm, 219.1 mm)
Span Compatibility: 9500/8500
GPS or Furrow Guidance

**COMBINE THE ADVANTAGES OF PIVOT AND LATERAL SYSTEMS**

The 9520PL can easily handle offset fields and adjacent fields utilizing its pivoting feature. Increase irrigated land up to 98%.



**9500MP | MOBILE PIVOT**

**SPREAD YOUR INVESTMENT ACROSS YOUR SPREAD.**

Zimmatic Mobile Pivots are a smart solution for many growers. One pivot system can be used across several fields, or to irrigate fields with irregular boundaries. Choose the option that's right for you and go mobile to get the most out of your land. All options work with any Zimmatic control panel and FieldNET.



SYSTEM TYPE	9502MP	9503MP	9504MP
	2-wheel	3-wheel	4-wheel
Field Size	Up to 40 acres (16 ha)	Up to 160 acres (65 ha)	Up to 160 acres (65 ha)
Maximum Length	660 feet (201 m)	1,350 feet (411 m)	1,350 feet (411 m)
Maximum Towers	4 towers	10 towers	10 towers
Towing Capabilities	Can be towed any direction and configured for reverse tow	Can be towed any direction and configured for reverse tow	To be towed in a straight line from the 4-wheel cart only
Power Source	Onboard diesel engine and generator set	Onboard diesel engine and generator set or commercial power	Trailer-mounted stationary diesel engine and generator set or commercial power

**7500WD | WATER-DRIVEN PIVOT**

**WATER-DRIVEN PIVOT FOR FIELDS WITHOUT POWER.**

Designed to meet the specific needs of small growers, irrigate up to 7.4 acres (3 ha). Water pressure drives this single span pivot to increase land use in places without electricity. One pivot can be cost-effectively shared across fields and growers.

- Requires minimum water pressure of 45 PSI (3 bars)
- Towable 2- or 4-wheel or non-towable options
- Maximum span length 201' (61.26 m)
- Crop clearance 8' (2.44 m)
- Pipe diameter options – 5 9/16" (141 mm) and 6 5/8" (168 mm)

**MOBILITY AND VERSATILITY**

This diagram shows how a single 7500WD can be used to irrigate multiple fields or fields with irregular boundaries. This allows an irrigation investment to be spread out over as much land as possible.



**7500WD SPECS**

Low-wear water coupler and center drive
Completes circle in both 10 and 24 hours
Maximum overhang of 88' (26.82 m)
Maximum system length 289' (88 m)
Maximum slope 5%
Non-reversing

FIELDNET® BY LINDSAY

# COMPLETE REMOTE IRRIGATION MANAGEMENT IS IN YOUR HANDS.

The proprietary technology behind FieldNET integrates seamlessly with all components of your irrigation system, from pump to pivot, to deliver everything from remote monitoring to full remote control, no matter what brand of pivot you have.

FieldNET Advisor takes control a step further, with the world's first automated cloud-based scheduling tool to offer daily irrigation recommendations built on real-time data married with historic trends. You can put the recommendations into action from wherever you are via smartphone, tablet, or computer.



## MONITOR

Keep an eye on your fields without actually being there.



## CONTROL

Remotely manage and control pivots, laterals, and more.



## ANALYZE & APPLY

Continuously updated irrigation recommendations based on your crops, your fields, your weather – and you can implement with the touch of a button.

Find your FieldNET solution at [myfieldnet.com](http://myfieldnet.com).



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