

LATERAL MOVE SYSTEMS



MAXIMIZE PRODUCTION WITH 98% FIELD COVERAGE



Why a Zimmatic Lateral Move System?

- **Land prices are high – you need to maximize production**

A Zimmatic® by Lindsay 9500L lateral move or 9500PL pivoting lateral irrigation system irrigates fields with 98% coverage. They put more of your field to work, virtually eliminating idle land.

- **It takes a good yield just to recover your seed and chemical costs**

A Zimmatic lateral move irrigation system lets you combine maximum irrigation coverage with a uniform watering pattern over your entire field. This combination helps ensure a better yield out of every acre for a higher return on your investment in production inputs.

- **You want the kind of control that will increase crop quality and add value at harvest**

Zimmatic lateral move irrigation systems are a top choice of irrigators growing high-value crops – particularly contract growers. In addition to more coverage and uniformity, they're a management tool for providing precise control of water and chemical usage. In total, they can help increase your ability to plan more precisely and react faster in maintaining crop quality standards and meeting yield goals. Plus, GPS navigation suits every grower and every application while providing sub-inch accuracy with the ability to make real-time adjustments to the run path and end points.

- **You want a system that can be designed for your operation and conserves resources**

Zimmatic lateral move irrigation systems are ideal for conversion from flood irrigation. They are a proven way to get more benefit from less water and to reduce pumping costs. In addition, their modular design allows them to be factory-tailored to your field with a navigation package that suits every application.

- **You want a system that requires less labor and time to manage**

Zimmatic controls make scheduling lateral move system operation faster and easier than ever before. Our remote control system provides monitoring and management of system to minimize time and labor costs.

VISION CONTROL PANEL

For Laterals

- Automated area plans save on water, energy and labor
- Programmable stops for hose changes
- Programmable end guns mean more precise water application
- Accurately adjust water application depths by selecting from a customized list
- History log tracks water usage and lateral performance



FieldNET®

Remote Irrigation Management

Fast and user-friendly, FieldNET by Lindsay provides remote control of pivots, laterals, end guns, injectors and pumps. You can monitor and manage systems from virtually anywhere using a laptop, tablet or smartphone.



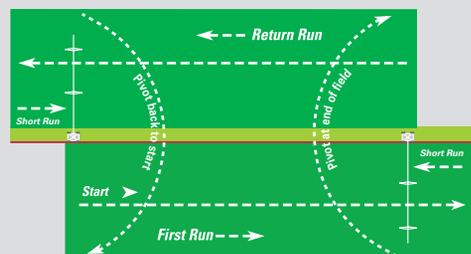


9500PL – Pivoting Lateral Move System

COMBINE THE EASE OF PIVOT IRRIGATION WITH THE COVERAGE OF LATERAL SYSTEMS

Increase your yields by making better use of your land with a 9500PL irrigation system. Apply the correct amount of water at the right time uniformly – in every part of your field. Furrow irrigation systems fall short in this area, providing too much water in some areas and not enough in others. But this easy-to-use, economical and reliable hose-fed or ditch-fed system can replace your wheel-line or flood irrigation system for better results year after year.

- Ideal for under-utilized land and irregular fields
- Reduces labor costs as much as 70%
- Decreases energy costs through low-pressure application
- 50% to 70% water conservation over furrow irrigation



Pivot can easily handle offset fields and adjacent fields utilizing its pivoting feature
Increase irrigated land up to 98%



Flexibility for Your Field

- Up to seven towers plus overhang equals a total distance of up to 1,341 feet (408.7 m) — for maximum field coverage
- Able to irrigate multiple crops
- Zimmatic standard, medium and high clearance tower options to meet specific crop height needs
- Pipe available in 6 5/8-inch (168 mm) or 8 5/8-inch (219 mm) diameter

Leading Control Technology

- Specially designed Zimmatic controls with multilingual and metric capabilities
- Informative display makes irrigation management easier than ever
- Easily program water application rate by selecting irrigation amount
- Apply fertigation and chemigation using integrated accessory control

Versatile, Dependable Cart

- Pivoting lateral hose-fed with electrical pull cable or engine generator set
- Exclusive Zimmatic collector ring designed to eliminate water flow restrictions
- Four-wheel versatile common platform allowing for 720-foot (219 m) hose
Also available as ditch-fed option
- Six-wheel high-traction platform allowing for 920-foot (280 m) hose



9500L Standard Lateral Move System

TWO MODELS TO MATCH YOUR OPERATION.

If you've got a square, rectangular or "L-shaped" field, a standard lateral move irrigation system brings more of your crop into full production. With a choice of water supply and guidance systems, each system can be customized to your individual needs and situation.

Hose-Fed (a)

- Supplied with water through a large-diameter hose attached to a pressurized mainline
- Pivot and/or towing options for use on adjacent fields for increased coverage area (see diagrams on next page)
- Uses 2-wheel or 4-wheel cart (depending on field size) with four-, six-, and eight-inch hose (102, 153, 203 mm)

Ditch-Fed (b)

- Can use existing ditch at field edge or one in the center
- Ditches can be unlined or lined with concrete or plastic and can accommodate grades up to one percent
- Depending on ditch type, water is supplied through a floating intake or a floating self-cleaning filter screen
- For a concrete ditch, a traveling weir assembly is available
- Only available as a four-wheel cart

AVAILABLE OPTIONS



Pumping Solutions

- Complete, customized and integrated pump station systems
- Consistent water delivery while lowering energy costs
- Retrofit, variable frequency drive, and electronic butterfly valve control options



Clearance Heights

- Medium-clearance structure is the industry's first for high-yielding corn hybrids
- High-clearance structure is ideal for sugar cane and tree crops



Custom Sprinkler Packages

- Wide variety of drops, offsets, boombacs, pressure regulators and end guns



Pipe Options

- High-strength aluminum provides superior corrosion resistance
- High-alloy stainless steel is ideal for serious problem water
- Poly-lined pipe is a top-of-the-line alternative for wastewater management



SIMPLE AND SECURE GPS MOUNTING

System Type	Hose-Fed	Ditch-Fed
Field Size	Up to 160 acres (65 ha)	160 to 320 acres (65 to 130 ha)
Power Source	On-board diesel generator or electrical cable	On-board diesel generator and pump or electrical cable
Guidance System	GPS position, furrow, buried cable or aboveground cable	GPS position, aboveground cable or buried cable
Grade of Field	Up to 6%	Flat
Extended Coverage Option	Yes (with pivoting laterals or two-wheel hose pull cart only)	No

WE'LL CUSTOM BUILD A SYSTEM JUST FOR YOU.

Cart and Power Options

Depending on system size, Zimmatic lateral move systems can be equipped with a 2-wheel or 4-wheel cart. Available power options include:

- An on-board diesel engine and generator set (plus an on-board pump for ditch-fed systems)
- Commercial power via a heavy-duty mining-type cable connected to meet outlet boxes along the line of travel.

Fertigation and chemigation equipment can be customized to your requirements by your Zimmatic dealer.

Accurate Guidance Systems Options

A variety of guidance systems are available to match the needs of your field, including:

- GPS
- Furrow
- Aboveground cable
- Buried cable

GPS Guidance

The Zimmatic GPS lateral option provides the easiest in-field installation and most advanced guidance available today.

- Leading and lagging GPS antennas for ultra precise in field tracking
- Best-in-class user interface is simple to set up and easy to use
- Flexible design offers the most on-system mounting options for the GPS receiver
- Fully integrated with Zimmatic VISION for Laterals control panel providing up to 15x faster programming
- Affordable and easy to maintain compared to expensive and complicated wire guidance installations

Precision Water Application

Your system will be computer-designed with:

- Sprinklers – Rotators, sprays, LEPA, wobblers or impacts to match desired water application rate
- Drops – To minimize water loss due to wind and evaporation
- Offsets and Boombacks – To expand application area and minimize wheel tracking
- Optional Precision VRI provides the ultimate in precision water application and flexibility with location-based individual sprinkler control

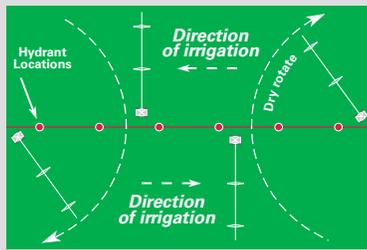
Leading and lagging GPS antenna layout allows ultra precise guidance and system tracking



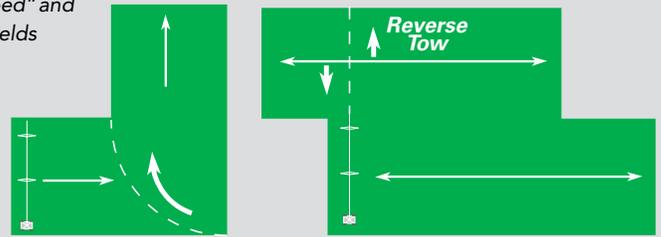
Dual Channel RTK delivers the fastest start-up times and most precise position accuracy.

(((• ⊗ •))) Base Station sending RTK signal

Pivot and reverse for double coverage



"L-shaped" and offset fields



Options for Extended Coverage

The diagrams above illustrate how equipping your Zimmatic hose-fed lateral move with a pivot and/or reverse tow package can lower your cost per irrigated acre.

Pivot and reverse for double coverage - in this situation, the lateral move 4 wheel hose pull cart is secured to a turntable when it reaches the end of the field. then it pivots and reverses to cover the other side of the field.

"L-shaped" and offset fields - can be easily handled by combining the pivot and reverse tow options.

To find out how to save water and energy while achieving higher yields, 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



2222 N. 111th St., Omaha, NE 68164 • 1-800-829-5300 • 1-402-829-6800 • www.lindsay.com

Lindsay USA: 2222 N. 111th St., Omaha, NE 68164 • **Lindsay Africa:** 6 Talana Close, Sacks Circle, Bellville South, 7530, South Africa

Lindsay Brazil: Rodovia Adhemar Pereira de Barros - SP 340 KM 153, 5 - Caixa Postal 1001 CEP 13804-830, Mogi-Mirim, Sao Paulo, Brazil

Lindsay Europe: L'Epinglerie 72300 La Chapelle d'Aligné, France • **Lindsay International BV:** Weena 278, Tower B, 7th floor, 3012 NJ Rotterdam

Russian Branch of Lindsay International BV: Russia, 350063 Krasnodar City, ul.Sovetskaya, 30, office 1202

Lindsay Sulama (Turkey): Karamahmet Mahallesi, Avrupa Serbest Bölgesi, 4.Cadde No3 Ergene-Tekirdag/TURKEY

Lindsay (Tianjin) Industry Co. Ltd. Beijing Sales Branch: Room 501, No. 55 Nongzhanguan North road Chaoyang District Beijing, 100125 China

Lindsay Australia Warehouse: Lindsay International (ANZ) Pty Ltd 19 Spencer Street Toowoomba QLD 4350

Lindsay NZ: 581 Taonui Road Feilding



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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