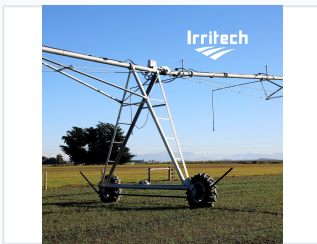


# Center Pivot Irrigation System with UMC Gearbox

This center pivot irrigation system is designed for efficient water distribution in agricultural fields. It features a UMC gearbox for reliable operation and precise movement control.



## ADDITIONAL IMAGES



## Overview



The system provides large-scale coverage with minimal infrastructure requirements.

## Advanced Irrigation Solution

This automated irrigation system is designed for large-scale agricultural operations, providing efficient water distribution for crops ranging from grains and vegetables to fruit trees. It supports both center pivot and lateral move configurations, allowing for flexible coverage across diverse field shapes. The system is engineered to reduce labor requirements while significantly improving water usage efficiency and crop yields.

## Key Advantages

### Operational Benefits

- Covers up to 1200 acres with a single unit
- Reduces water consumption by 30% to 50%
- Achieves up to 90% spray uniformity
- Integrates irrigation, seeding, and fertilizing in one step
- Automated operation minimizes manual labor requirements

## Technical Specifications



Robust structural design ensures stability and longevity in agricultural environments.

### Detailed Technical Parameters

| Parameter             | Specification Options                       |
|-----------------------|---|
| Center Pivot Diameter | 6 5/8" (168mm) or 8 5/8" (219mm)            |
| Pipe Diameter         | 5" (127mm), 6 5/8" (168mm), or 8" (203mm)   |
| Span Length           | 37.5m, 43.3m, 49.1m, 54.9m, or 60.7m        |
| Tire Specification    | 14.9-24 or 11.2-24 (with vacuum/inner tube) |
| Drive Motor           | 1.5hp or 0.75hp options                     |
| Gearbox Ratio         | 50:1 or 52:1                                |

#### Compatibility Notice

8 5/8 inch (219mm) pipes are specifically designed for spans of 43.3m and 49.1m.

## Components & Safety



Industrial-grade gearbox designed for reliable power transmission and smooth operation.

#### Safety & Control Features

Safety Circuit Indicator Light, Stainless Steel Control Panel, Night Operation LED Lighting, Troubleshooting QR Codes, Armored Cabling