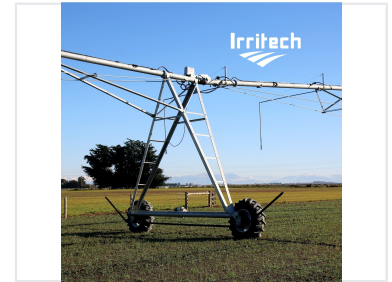


Center Pivot Irrigation System with UMC Gearbox and Senninge Sprinklers

This center pivot irrigation system features a UMC gearbox and Senninge IWOB sprinklers. It is designed for agricultural applications, providing uniform irrigation coverage across large fields.



ADDITIONAL IMAGES



Overview



Overview of the center pivot irrigation system installed in an agricultural field.

Automated Irrigation Solution

This center pivot irrigation system is designed for large-scale agricultural operations, offering a fully automated approach to water management. It is suitable for a wide variety of crops, including corn, wheat, alfalfa, potatoes, and fruit trees, capable of covering up to 1200 acres with minimal labor. The system promotes sustainable farming by reducing water consumption by 30-50% while achieving 90% spray uniformity, significantly increasing crop productivity.

Key Advantages

Benefits	Water Saving (30-50%), High Spray Uniformity (90%), Automated Operation, Labor Efficient, Multi-functional (Irrigate/Seed/Fertilize)
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Technical Specifications



Detail view of the irrigation system structure and drive mechanism.

Detailed Technical Parameters

Item	Specification
Center Pivot Size	6 5/8" (168mm) or 8 5/8" (219mm)
Pipe Diameter	5" (127mm), 6 5/8" (168mm), or 8" (203mm)
Span Lengths	37.5m, 43.3m, 49.1m, 54.9m, 60.7m
Tire Specification	14.9-24 or 11.2-24 (includes vacuum and inner tube)
Motor Options	1.5hp or 0.75hp
Gear Box Ratio	50:1 or 52:1
Overhang Length	2.7m, 5.5m, 8.2m, 11m, 16.5m, 19.5m, 25m

Safety and Control



Control panel and tower box assembly featuring safety indicators and troubleshooting access.

Safety & Control Features

- Tower box indicator light for safety circuit monitoring
- Customizable stainless steel control panel
- Integrated LED lighting for night operation
- QR codes for instant access to troubleshooting documentation