

## Quality Irrigation Products



UMC is a ISO 9001:2015  
Certified Company



## Irrigation Solutions

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## Final Drive Gearbox

### 765-U-AD™ Gearbox

**Designed for heavy spans, extreme conditions, corner systems, and lateral / linear carts**

The UMC® 765-U-AD™ gearbox is designed for use on center pivots and lateral/linear irrigation systems. It is typically used for the most extreme conditions and applications such as corner systems, lateral carts, and heavy spans. It is the ideal choice for areas where extreme field conditions exist and/or machines run high annual hours of operation.

Part Number	Ratio	Bolt Pattern
10162-105A	50:1	16-Bolt
10162-105V	50:1	9-Bolt

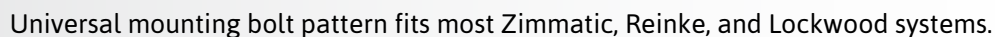
## Features and Benefits

The patented UMC® 765-U-AD™ gearbox is our largest and most durable high-performance gearbox with a 50:1 gear ratio. It is a direct replacement for its predecessor, the 760-U™, and features several improvements that enhance load capacity, gear life, and seal life.

- ▶ 2.50 inch diameter steel output shaft
- ▶ 50:1 gear ratio
- ▶ Cartridge input and output seals
- ▶ Largest output bearings in the industry
- ▶ 16-Bolt mounting pattern
- ▶ Patented Vented Internal Diaphragm with a large expansion cavity, designed to minimize pressure buildup, extending seal life and significantly reducing the risk of oil leaks
- ▶ Enhanced gear material that increases load capacity, reduces gear wear and lowers operating temperatures, extending gear life
- ▶ External seal protectors for input and output seals
- ▶ Dual ended input shaft with hub cap for the unused end
- ▶ Large 3/4 inch oil fill and drain plugs for easier maintenance
- ▶ Filled with extreme pressure gear oil
- ▶ Extra long carriage bolts allow use with reinforced rims
- ▶ Positive wheel register
- ▶ Bronze gear optional
- ▶ This gearbox features UMC's registered Four-Rib Design® trademark

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# 765-U-AD™ Final Drive Gearbox



# UNIVERSAL MOTION COMPONENTS



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