



UMC

Experience the UMC Advantage



**I need a drivetrain for my irrigation system that works as hard as I do. Every day.
That's why I trust UMC.**

Driving Center Pivot Irrigation for more than 36 years

UMC-built products help drive 95% of all center pivot irrigation systems, in more than 90 countries across the Americas, Europe, Africa, the Middle East, Asia and Australia/New Zealand.

LISTEN. INNOVATE. ADAPT.

The Right Formula For Success

UMC brings together the right people, the right processes and the right equipment in an environment that champions teamwork, innovation, honesty and integrity to deliver exceptional products.

Researched, Developed & Engineered for Value

From droughts in the Southwestern U.S. to challenging terrain, dust and mud in Australia, our products are field-tested, literally. Every day. We not only talk with our customers, but we get out in the field with them, gathering real-time operating feedback to troubleshoot issues. Our engineering team uses that feedback to evolve our products to meet the challenges of irrigating crops under any condition, and to anticipate changing demands in agricultural irrigation worldwide.



Quality Assurance at Every Stage

From the outset, UMC products are expertly designed and manufactured according to domestic and international ANSI, ISO, IEC, NEMA, DIN and UL standards, among others. Our QA team uses a wide range of fully automated and portable testing equipment to ensure that quality is built into UMC components from the raw materials, through each stage of processing. Our dedication to design excellence ensures that our products perform with the highest possible level of quality and reliability where it counts: in the field.

Strategic Distribution, Global Product Availability

We partner with original equipment manufacturers and distributors around the world to ensure you're never without the UMC products you need. Our logistics team uses UMC's proven approach to identify the most efficient and expedient shipping methods and to maintain the optimal inventory mix at key distribution points across the globe.

Gearboxes



Moderate Duty

Our moderate duty gearbox is ideal for short-span applications using 24" wheels or smaller.



725

UMC's 725 is the industry standard gearbox featuring a 2 1/4" output shaft.



740-U and 740-UV

Ultimate-duty, final drive wheel box with larger bearings available with 2 1/4" or 2 1/2" output shaft for longer spans, larger wheels and heavier towers.



745

Ultimate-duty, final drive wheel box with larger bearings to handle heavier span weights. Available with 2 1/2" output shaft for longer spans, larger wheels and heavier towers.



760

Larger-diameter bull gear to provide 20% higher output torque; ideal for extreme field conditions and higher annual hours of operation.



775

Same great features as the 740, with the addition of a 3" diameter output shaft, 2 inches longer than the 740 with a cover designed specifically to support heavier spans and/or wider wheels.



TNT-2

Our patented, towable final drive wheel box provides the ability to disengage the worm gear and allows users to move systems from one area to another without requiring a Towable Hub add on.



Bolt-on Towable Hub

Converts standard gearboxes for use in towable applications; fits all UMC gearboxes.

Motors



Power Saver 3.5

460/380 volt AC, 60/50 hz electric motor with a speed reducing gearbox that uses 95% efficient helical spur gears for power transmission on electric center pivots and lateral move systems.



Center Drive

Speed-reducing worm gearbox to be used in conjunction with electric motors for power transmission of electric drive center pivot/lateral move systems.



Electric

460/380-volt AC electric motor to be used in conjunction with Center Drive gearbox for power transmission of electric drive center pivot/lateral move systems.

Couplers



Standard Flex Coupler

Provides a shock-absorbing drive connection between Power Savers and Final Drive Gearboxes, increasing life for both units. Ideal in heavy soils and on systems with larger-diameter tires.



CX Coupler

Our patented, preassembled drive connection significantly reduces installation time. This shock-absorbing coupler keeps gearboxes and motors running longer. Fits a $\frac{3}{4}$ " to 1" drive shaft as well as metric sizes. Ideal for towable systems.



Driving Center Pivot Irrigation

You need your irrigation system to work. Every day. That's why we take a common-sense approach to design and deliver the best gearboxes, motors and couplers your money can buy. Products that exceed your expectations in even the most extreme conditions.

Gearboxes

In 2001, UMC answered the call for a gearbox specifically designed for towable applications with its patented TNT.

Motors

With the Power Saver, UMC was first to introduce a helical gearmotor to market, and remains the only company to offer a built-in spray guard.

Couplers

After introducing the first shock-attenuating coupler in the '70s, UMC transformed the market again in 2011 with its patented CX Coupler.

UNIVERSAL MOTION COMPONENTS
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Contact us to learn more about UMC products and how we can meet your center pivot irrigation needs.

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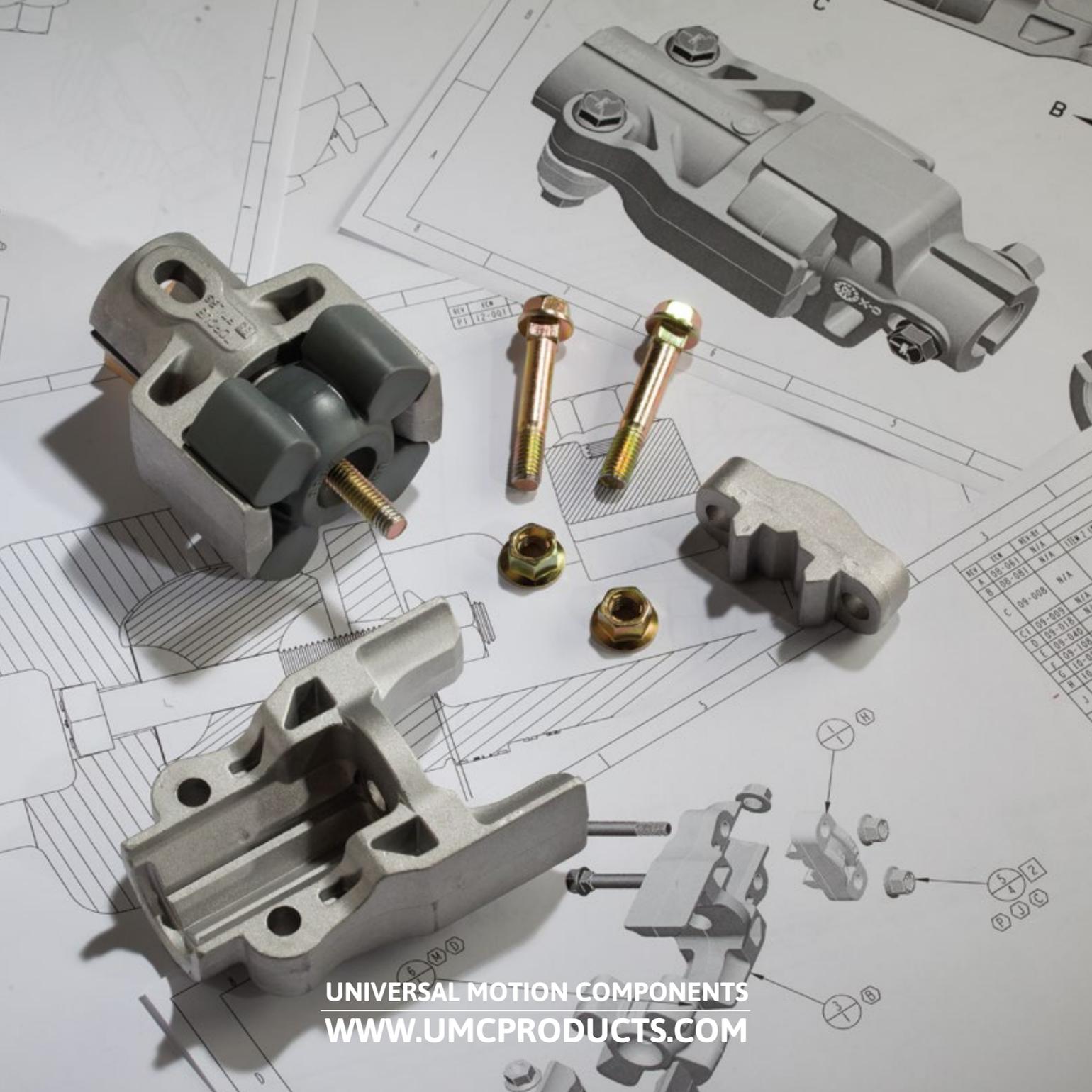
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REV
PT 12-001

REV	FCM	REV BY	DATE
A	08-061	N/A	11/10/08
B	08-061	N/A	
C	09-008	N/A	
CI	09-009	N/A	
D	09-018	N/A	
E	09-046	N/A	
F	09-105	N/A	
G	10-001	N/A	
H	10-001	N/A	
I			
J			

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