

Irritech



Passion For Innovation

We care what you care

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- Core Components
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About Us

About Irritech



- The leader of center pivot and linear irrigator manufacturer in China by top quality and innovations
- The famous brand in mechanized irrigation industry by working with dealer network.



Irritech was founded in 2012, and became public in 2015(stock code is 835416). Our products have been successfully installed and used in China, Australia, New Zealand, USA, Canada, Georgia, Tajikistan, Sudan, Algeria, Romania, Zimbabwe, Mali, Cuba, Kazakhstan and so on.

Irritech is committed to provide the State-of-the-art and extraordinary quality products to the market. Know-how is our key to success. We can provide whole solutions for your irrigation plan.

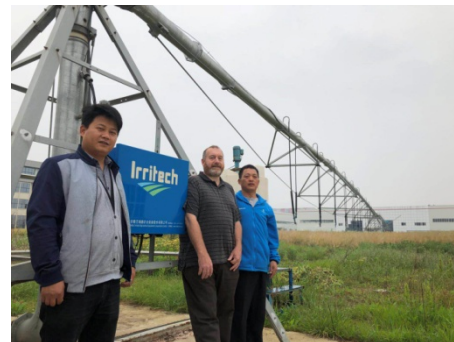
International dealership



Italy Dealer



Algeria Dealer



Australia Dealer



Turkmenistan Dealer



Zimbabwe Clients



Pakistan Dealer

International Dealership



Iraq Dealer



Tajikistan Dealer



Iraq Dealers



Lebanon Dealer



New Zealand Dealer



Ukraine Dealer

International Cooperation



UNIVERSAL MOTION COMPONENTS

聆听, 创新, 适用.



The UMC® Group of Companies:

- Universal Motion Components Co., Inc.
- UMC International LTD
- UMC Trading (Beijing)

CONFIRMS THAT

Irritech

Is an OEM of mechanized irrigation equipment authorized by UMC® to use genuine UMC® Final Drive Gearboxes and Power Saver® Center Drives on their machines in the Territory of the Peoples Republic of China.

UMC®'s name is clearly displayed on all products. Should there be any doubt about the authenticity of any UMC® product received from any party other than UMC® please visit the Genuine UMC® link on UMC®'s website:

<https://www.umpproducts.com/en/genuine/>

or contact UMC® directly.



This certificate is effective from January 1, 2019 to December 31, 2019 and is subject to terms, conditions, and limitations under distributor's agreement with UMC®.

<http://www.umpproducts.cn> • 010-64520076 • Fax 010-64827069 • 中国北京朝阳区安立路60号润兴源5号楼201室



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EQUIPMENT CORPORATION LIMITED

JINGWU ROAD LINJIANG INDUSTRY ZONE
SANSHAN DISTRICT
241080 WUHU

Date 06.05.2019

To: Whom it may concern
Subject: Authorization letter

ANHUI IRRITECH AGRICULTURE EQUIPMENT CORPORATION LIMITED is a qualified distributor of Komet Irrigation Products and is therefore entitled to sell and market Komet Products.

The Komet Irrigation Products sold are made by Komet Austria GmbH in the European Union.

Best regards,

Komet Austria GmbH
HUGO DECHSEL
Komet Austria GmbH
Hugo Dechsel
Director Sales & Marketing

An aerial photograph of a center pivot irrigation system in operation over a lush green agricultural field. The system's long, straight metal arm, supported by a series of vertical truss-like structures, stretches diagonally across the frame. Two large, multi-wheeled pivot points are visible, one near the top left and another further down the arm. The field is divided into rectangular sections by dark, straight lines, likely furrows or wheel tracks. The overall scene is brightly lit, suggesting a sunny day.

Product line

Center Pivot



- V-style 8120 design, all parts are exchangeable.
- V8000 series are available.
- 5", 6-5/8" ,8-5/8" spans are available.
- 3mm pipe thickness
- Hot dip galvanized pipe
- Epoxy coating pipe
- PE lined steel pipe

Towable Center Pivot



- V-style 8120 design, all parts are exchangeable.
- V 8000 Series are available
- 5", 6-5/8" ,8-5/8" spans are available.
- 3mm pipe thickness
- Hot dip galvanized pipe
- Epoxy coating pipe
- PE lined steel pipe

Two wheel linear



- Hose drag or ditch feed
- Powered by diesel engine or pedestal
- Furrow guidance, above cable guidance or GPS guidance
- Standard profile or High profile
- Towable are available

Four wheel linear



- Hose drag or ditch feed
- Powered by diesel engine or pedestal
- Furrow guidance, above cable guidance or GPS guidance
- Standard profile or High profile
- Center feed or end feed

Swing around rainger linear



- Hose drag or ditch feed
- Powered by diesel engine or pedestal
- Furrow guidance, above cable guidance or GPS guidance
- Standard profile or High profile

Universal linear



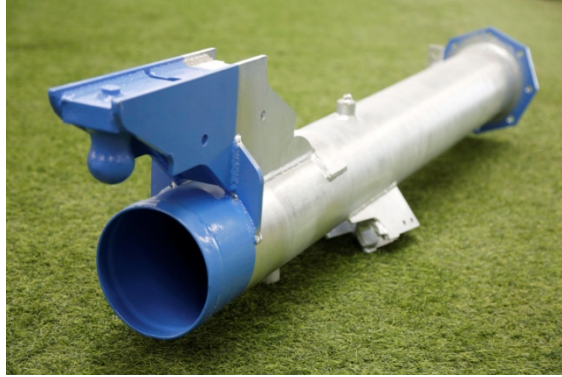
- Hose drag or ditch feed
- Powered by diesel engine or pedestal
- Furrow guidance, above cable guidance or GPS guidance
- Towbale is available

New products----Dragon-Line Mobil Drip Irrigation



- Reduce water amount requirement of center pivot
- Avoid changing drip belt every year
- Reduce spraying impact on pollination period of crops
- Spraying before Cotton squaring stage
- Dripping after Cotton flowering and boll opening period

New products----Coating pipes



- PH resistance 6.5-12
- Salts ≥ 300
- 10 years warranty
- All pipe diameters are available






Remote control and supervision



The background image shows a close-up of a large, black, treaded tire on a metal rim in the foreground. In the background, a large agricultural machine, possibly a center pivot system, is visible on a green field under a clear blue sky. The machine has a complex metal frame and multiple wheels.

Core Components & Workmanship

Workmanship——All the flanges are welded both sides

A close-up photograph of two metal flanges joined by a weld. The flanges are made of a light-colored metal, possibly aluminum or stainless steel, and have four circular holes each. The weld is a thick, raised, and textured line that runs along the circumference where the two flanges meet. The background is blurred, showing more of the same metal components.

Duo sides welding can provide 20% more strength which dramatically improve the performance on heavy soil long span or bad terrain

Punched numbers make every parts track back easily



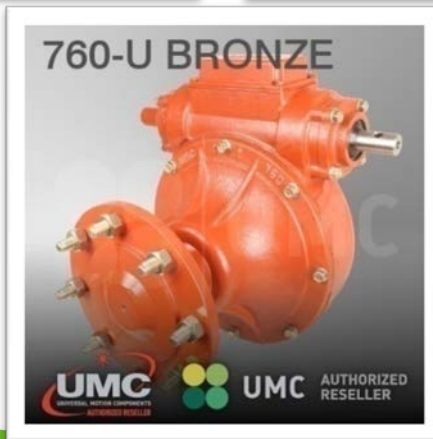
Logo

**Part number
you can inquire the detail
dimensions form manual or
ask for quotation !**




**Series number it can
be tracked back
when and who
manufacture it !**

UMC-The most durability in the industry



UMC Final Drive Gearbox Selection Guide

PIPE DIAMETER		SPAN LENGTHS					
		35m	40m	45m	50m	55m	60m
		120'	135'	155'	170'	185'	200'
WET SPAN WEIGHT (LBS)							
250mm	10"	8,000 lbs	9,000 lbs	10,400 lbs			
200mm	8"	6,050 lbs	6,800 lbs	7,800 lbs	8,600 lbs	9,400 lbs	10,100 lbs
170mm	6-5/8"	5,100 lbs	5,700 lbs	6,600 lbs	7,200 lbs	7,800 lbs	8,500 lbs
140mm	5-9/16"	4,200 lbs	4,700 lbs	5,400 lbs	6,000 lbs	6,500 lbs	7,000 lbs

Final Drive Gearbox Key

Moderate	740	740 - 745	760
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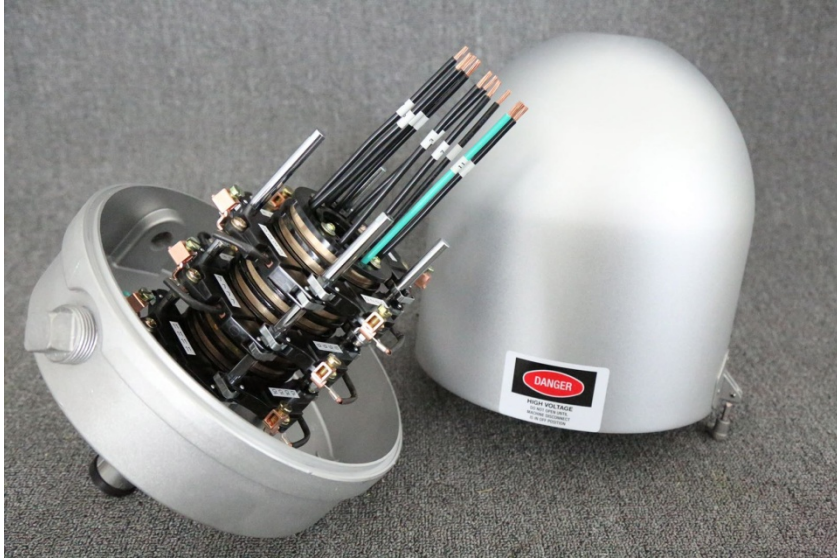
Notes

*Wet span weights are estimated and differ based on OEM, tire size, etc.

What leads to yellow

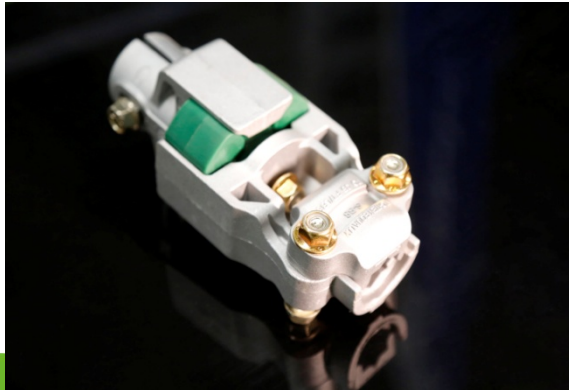
- Large diameter pipe
- Large diameter wheels
- Heavy soil conditions
- Specialty crops
- Special water application
- Faster speed motors
- More continuous running
- Longer spans

Core Components—UMC Collector



- New cover material for great impact resistance.
- Specially designed cover clamps.
- U.L. Listed to ensure safety and quality.
- Large copper brushes are 80% copper and 20% graphite for less resistance.
- Seamless ring to reduce brush wear.
- Collector ring fits most center pivots.
- Wires are numbered and/or color coded for easy identification.
- Greasable bearings in the base, stops shaft seizure.
- Heavy duty die cast aluminum base is more durable than the competition's plastic base.

Core Components—UMC Coupler

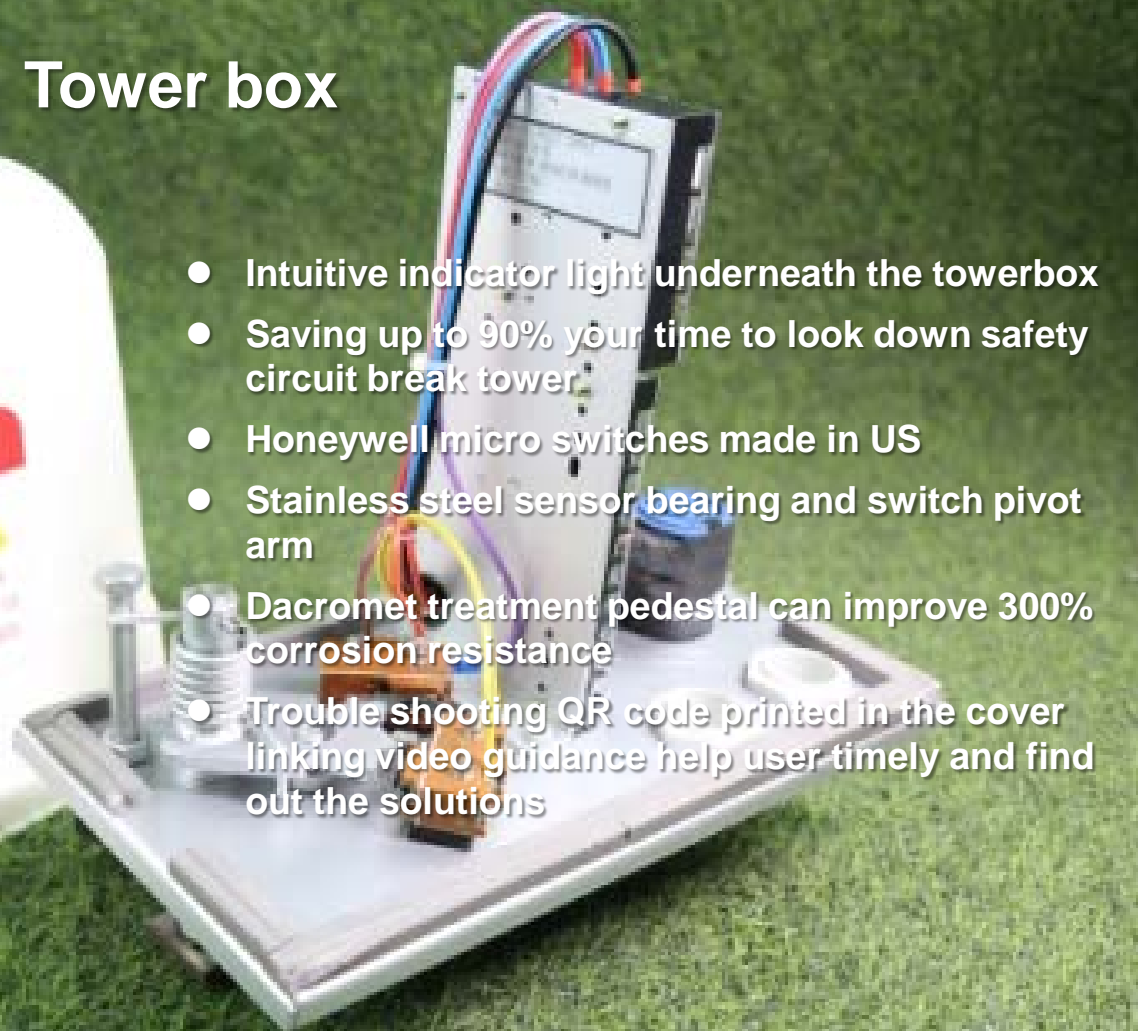


- Alignment rod holds insert in place and coupler in alignment under extreme or sudden loads.
- Designed for use in extreme duty environments: Heavy soils, Larger tire diameter, Higher torque motors, and Stronger gearboxes.
- Designed to be the fusible link in the drive train to prevent failure in final drive gearbox or other hardware in problematic field conditions.
- Urethane insert offers an environmentally stable material with better resistance to UV rays and chemicals.
- UMC SQUEx-bolts (Square-Neck, Hex-Head) creates unique bolt anti-rotation feature that allows for faster single wrench assembly in Field.
- Shock attenuating puck insert allows for softer starts and stops.

Tower box



- Intuitive indicator light underneath the towerbox
- Saving up to 90% your time to look down safety circuit break tower
- Honeywell micro switches made in US
- Stainless steel sensor bearing and switch pivot arm
- Dacromet treatment pedestal can improve 300% corrosion resistance
- Trouble shooting QR code printed in the cover linking video guidance help user timely and find out the solutions





Need any help?
Scan here...



Trouble shooting



We are dealer of Komet Sprinkler



We are dealer of Senninger Sprinkler



End gun system



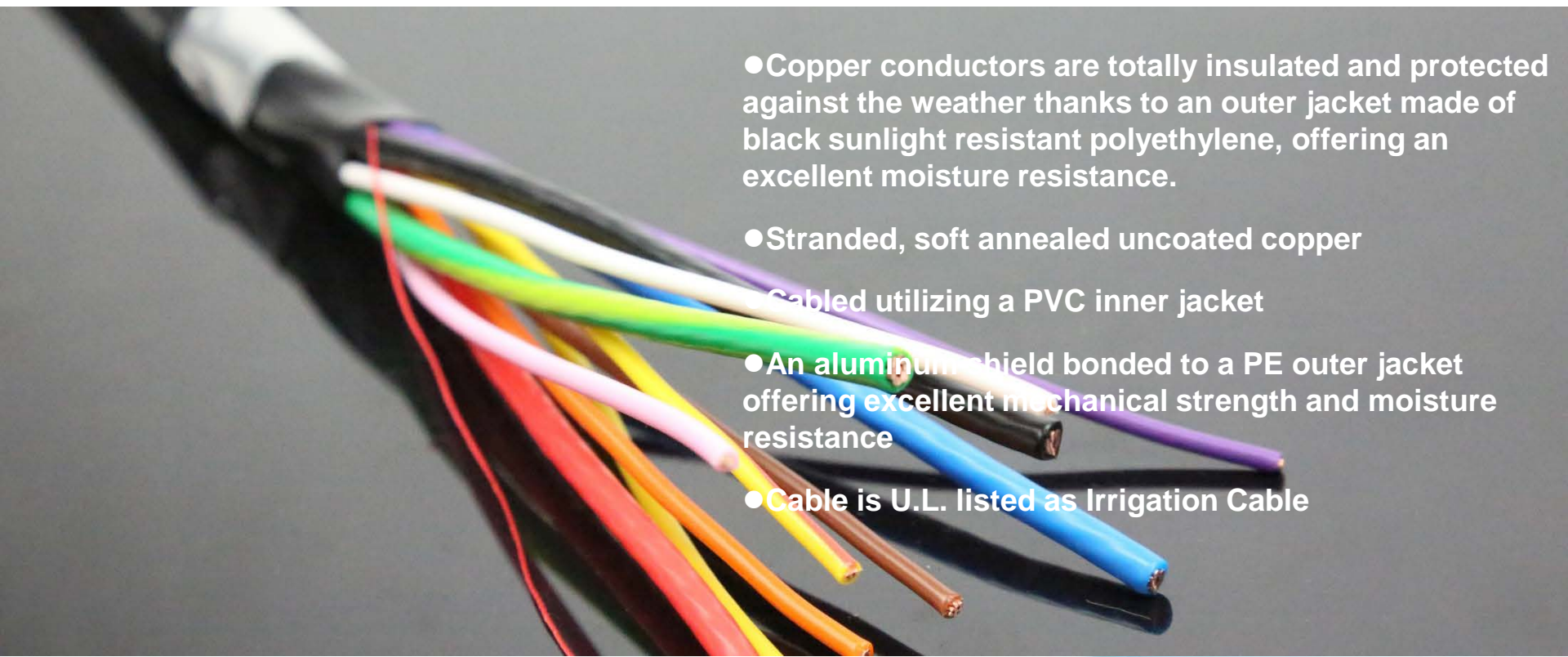
Bermad solenoid valve




Komet 101 big gun



CNP booster pump



- Copper conductors are totally insulated and protected against the weather thanks to an outer jacket made of black sunlight resistant polyethylene, offering an excellent moisture resistance.
- Stranded, soft annealed uncoated copper
- Cabled utilizing a PVC inner jacket
- An aluminum shield bonded to a PE outer jacket offering excellent mechanical strength and moisture resistance
- Cable is U.L. listed as Irrigation Cable

A large stack of black irrigation tires with a deep, aggressive tread pattern, arranged in a way that shows multiple layers of the tires. The tires are stored in a warehouse-like setting with a corrugated metal roof visible in the background.

- 14.9-24, 16.9-24, 11.2-24

- 10 Poly

- 31mm pattern depth

- Rim W13

- Dia 1265mm

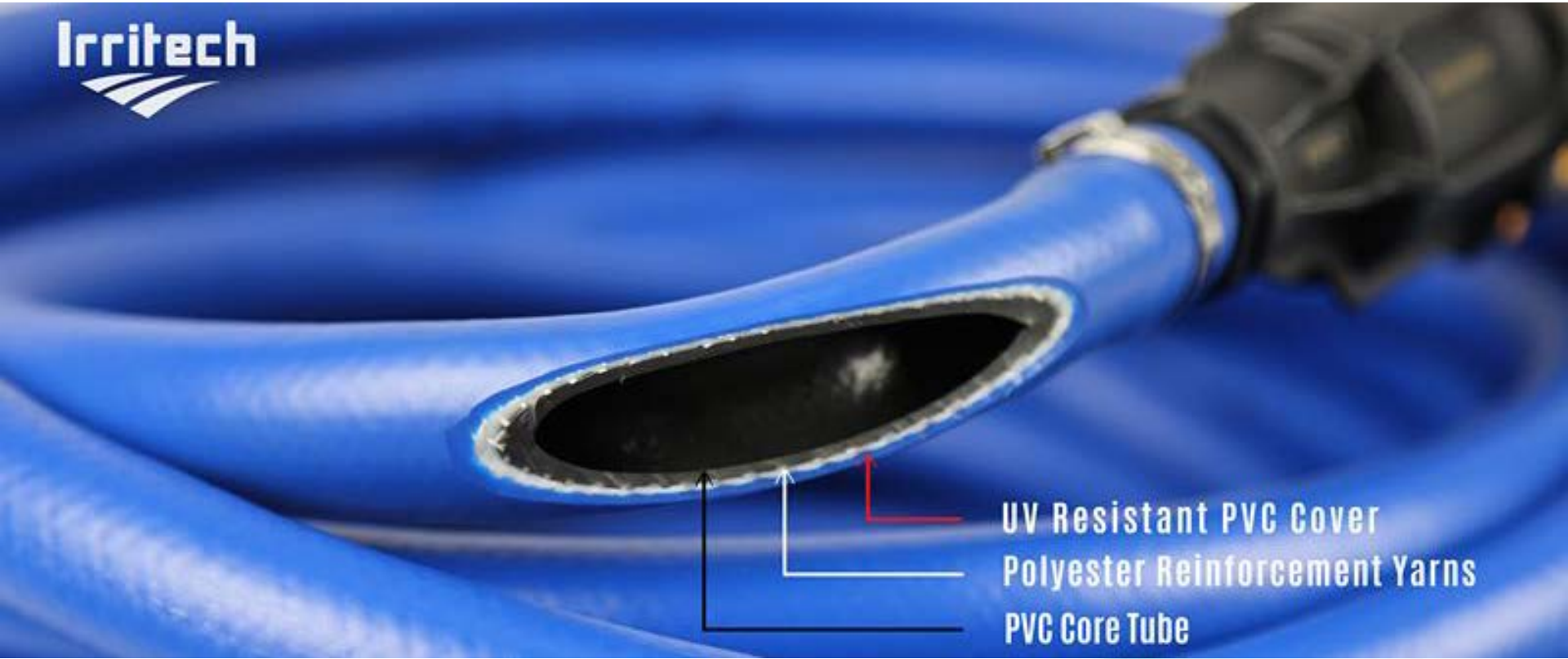
- Tire pattern 21 couples

- Turf tire is available

Boot hose



- Four-layer tire cord fabric, EPDM (Ethylene Propylene Diene Monomer)
- Bearing Pressure 100 PSI.
- Bursting Pressure 350PSI
- Tensile Ratio 230%
- Peeling Strength 2.5KN/m
- Anti aging, Crack resistance, UV resistance, high and low temperature resistance



UV Resistant PVC Cover
Polyester Reinforcement Yarns
PVC Core Tube



- Stainless steel cover
- Remote control is available
- Customized panel cover can put any information and pattern you like
- Phase sequence protector
- Trouble shooting QR code make the maintenance easily
- Main electrical components are UL listed



- LED light helps user operate machine
- More safety At night
- The LED can be powered by the solar
- Panel installed on the pivot center



The panel pattern can be customized by clients



A large stack of Irritech pipes and fittings is the central focus of the image. The pipes are arranged in neat rows on wooden pallets. The top layer consists of large, blue, hexagonal pipe fittings. Below these are several layers of green plastic caps or smaller fittings. The stack is situated in a grassy field under a clear blue sky. In the background, a white pickup truck is parked on the left, and a brown shipping container is partially visible behind the stack. The overall scene suggests a delivery or storage site for irrigation equipment.

Package & Delivery

Package solid and easy to distinguish on the field



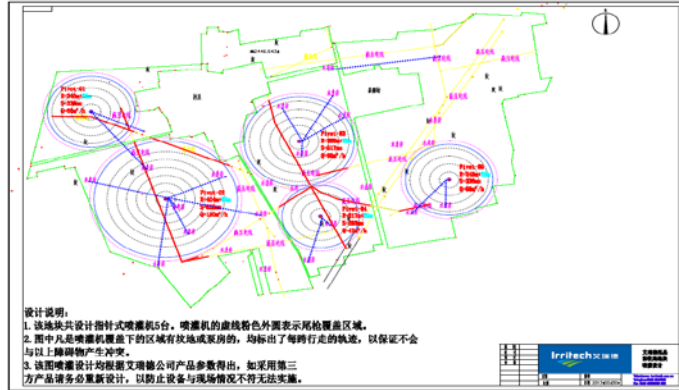
Ready to ship



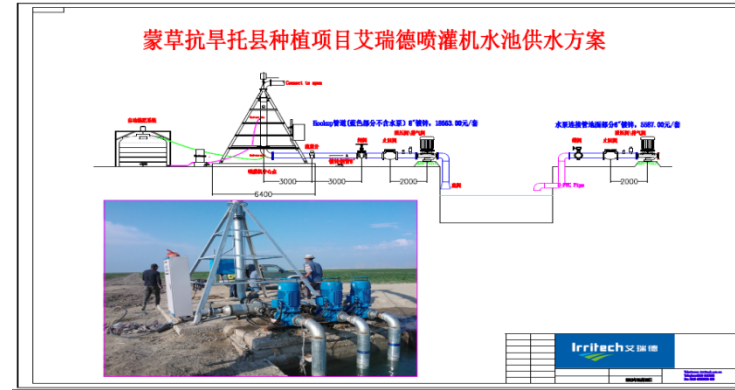
A man with a beard and short brown hair, wearing a green button-down shirt, is smiling and looking off to the side. He is holding a tablet in his hands. He is standing in a green agricultural field. In the background, there is a large metal structure, possibly part of an irrigation system, and a yellow tractor. The word "Service" is overlaid in white text on the right side of the image.

Service

Field site measuring and design

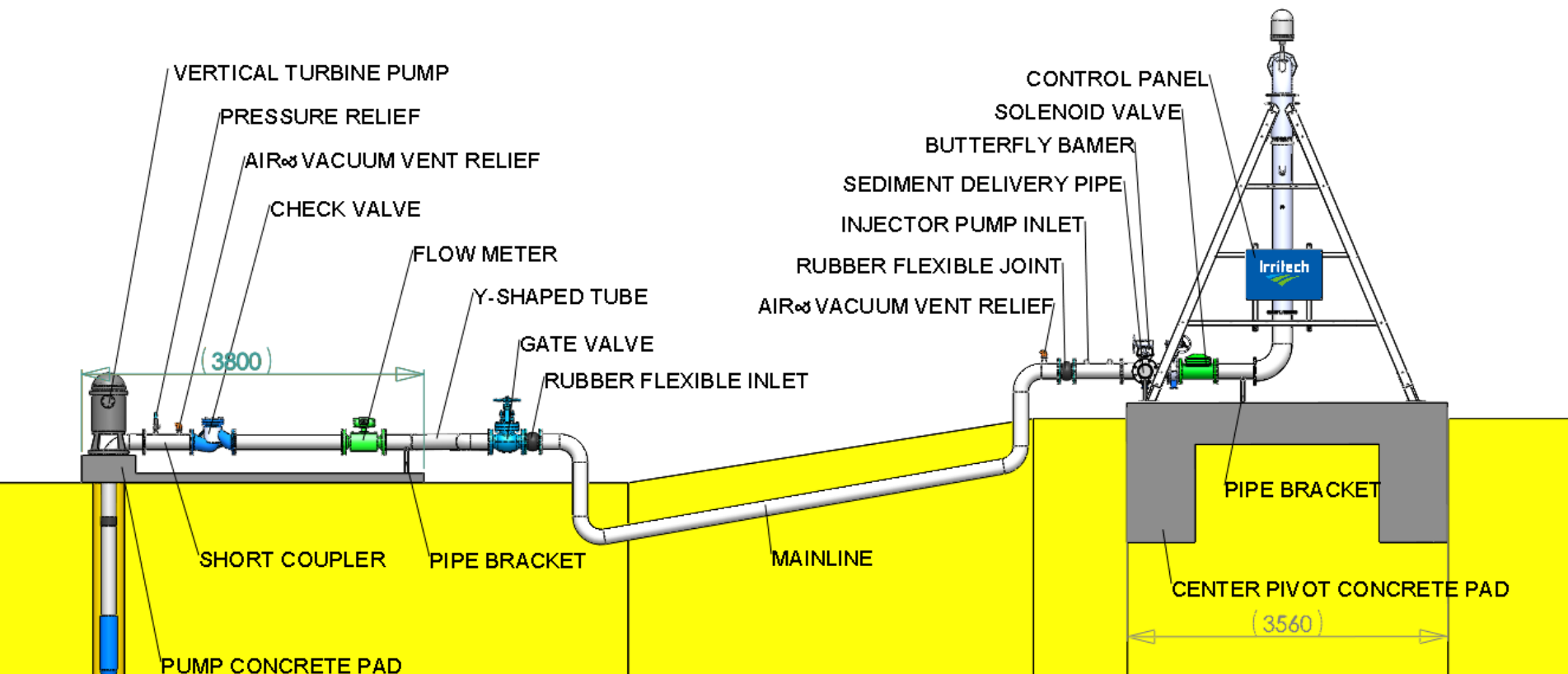


Field shape
Soil texture,
Crop Evaporation Transpiration,
Altitude,
Wind velocity,
Well dynamic level and location,
Power supply

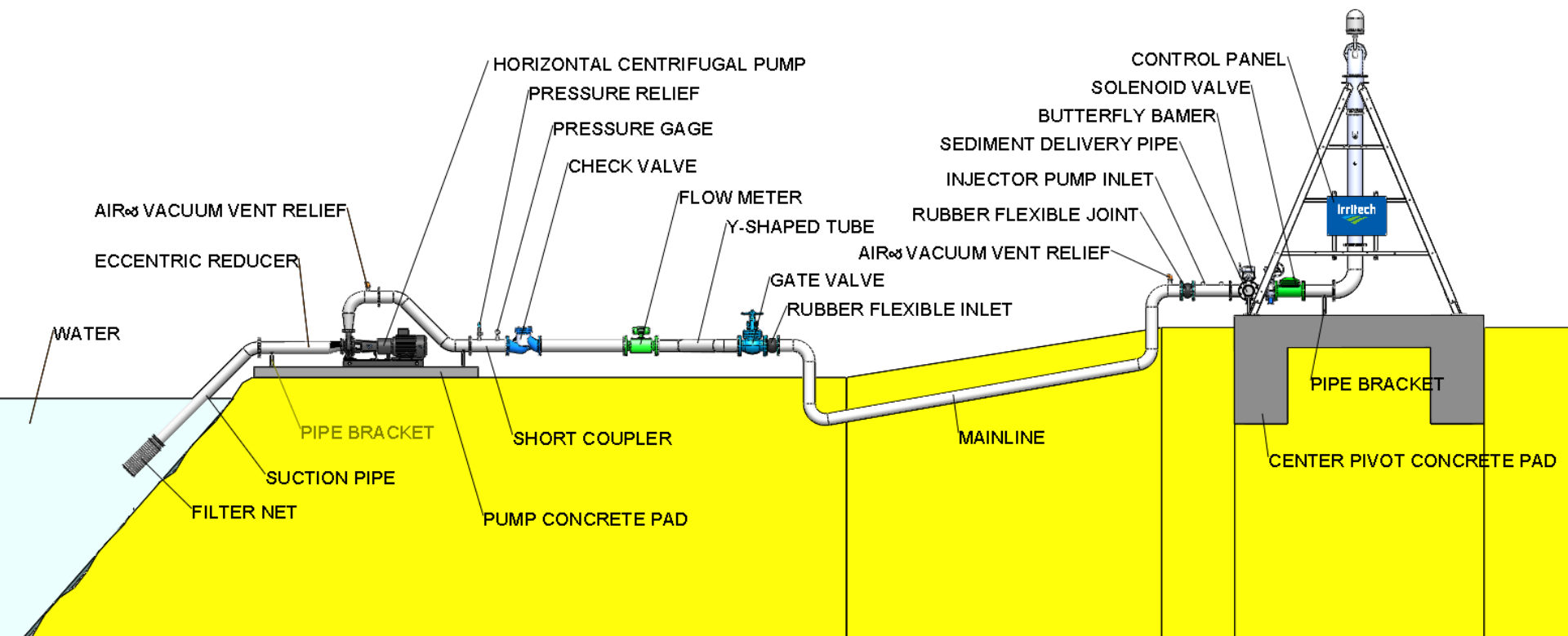


Rainfall
Crop rotation
Water output
Voltage
Obstacle(tree, house...)
Field slope
Operation hours/year

Typical hookup solutions –Fetch underground water



Typical hookup solutions –Fetch ground water



Come to join us
Join the winning team



A wide-angle photograph of a center pivot irrigation system in a lush green field. The system consists of a long metal arm supported by a series of A-frame towers, with multiple smaller wheels visible. The field is filled with tall green crops, and a dirt road runs along the left side. The sky is bright with scattered clouds.

Passion for Innovation