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## About Irritech

Irritech is a manufacturer of center pivot, linear, hose reel machine and other automatic irrigation system. Our products have been successfully installed in most of China and exported to Australia, New Zealand, USA, Canada, Sudan, Algeria, Kazakhstan, Tajikistan, Mali, Cuba and so on .

Irritech has built business relationship with UMC, Komet, Bermad, Rovatti, Dragon-Line, and Marani.



## International Cooperation





## Pivot Point Height



	Point	Low Profile	Standard Profile	High Profile
A	6 5/8"	2.81m	3.73m	4.72m
	8 5/8"	2.81m	3.73m	4.72m

### Lower Elbow

	Point	Low Profile	Standard Profile	High Profile
B	6 5/8"	36.7cm	21.9cm	
	8 5/8"	24.1cm	24.1cm	24.1cm
C	6 5/8"	28.3cm	13.5cm	
	8 5/8"	14cm	14cm	14cm



## Tower Wheel&Drive Unit Height

Tire Size	A	B		
		Lower Profile	Standard Profile	High Profile
11.2*24	70.9cm	3.05m	3.96m	4.95m
14.9*24	66.5cm	3.11m	4.03m	5.02m
16.9*24	63cm	3.14m	4.05m	5.02m

## Specification

Span Dia inch	Span Length m	Sprinkler Space m	Truss Number package	Crop Clearance m	Tires	Percent Slope	Overhang Length m
5	43.37	2.9/1.9	6	2.90	11.2-24	19%	0.76
5	49.12	2.9/1.9	7	2.90	11.2-24	17%	2.75
5	54.86	2.9/1.9	8	2.90	11.2-24	15%	5.52
6-5/8	43.37	2.9/1.9	6	3.05	14.9-24	15%	8.35
6-5/8	49.12	2.9/1.9	7	3.05	14.9-24	12%	11.03
6-5/8	54.86	2.9/1.9	8	2.90	14.9-24	10%	16.7
6-5/8	60.63	2.9/1.9	9	2.83	14.9-24	8%	19.38
8-5/8	43.37	2.9/1.9	6	2.93	14.9-24	9%	25.08
8-5/8	49.12	2.9/1.9	7	2.83	14.9-24	7%	
8-5/8	54.86	2.9/1.9	8	2.77	14.9-24	5%	

A small icon of a towable center pivot system, showing a central pivot point with multiple arms extending outwards.

## Towable Center Pivot

The reliable, field-proven design of Irritech towable pivots enable you to irrigate 2 to 121 hectare fields easily and economically. Irritech towable pivot can be moved from one field to another in less than one hour!



## Two-Wheel Linear

### Hose Feed

- Towable from field to field in forward or reverse
- Skid-style suction inlet
- Available flow rates - 150 gpm to 1,105 gpm
- Soft and hard hose options available ranging from 4" to 6"
- Can be equipped with swing-around option

### Ditch Feed

- Can be equipped with swing-around option
- Towable from field to field, in forward or reverse
- Provides coverage for small and large fields
- Cart location available as end feed
- Cart Mounted Pump and skid-style suction inlet fits in nearly any earthen ditch
- Decreased labor inputs



## Four-Wheel Linear

- Pipe diameter: 5", 6 5/8", 8 5/8"
- Length: max 24 spans
- Water supply: drag hose or ditch
- Power supply: drag cable or diesel engine
- Fertilizer system: optional 1000L-3000L
- Water source: end feed or center feed
- Cart: Universal, rainger, swing around
- Guide way: furrow, angle steel, cable
- Alignment: control bar, modified, floating

Four wheel linear uses a one-cart platform that is completely customizable to your needs and your operation. Based on your infrastructure, water can be delivered through a ditch or a hose. This linear has high-flow capabilities, which gives you the right amount of irrigation, no matter what you grow.





## Pivoting lateral Irrigator

Pivoting lateral Irrigator allows you to efficiently irrigate even more of your land with just one machine, saving time and money. This linear irrigation product rotates 180-degrees around the cart, making it possible to irrigate the opposite side of your field.

The Swing-Around option can irrigate a large range of field widths and can use a hose drag or ditch feed as a water source, giving you the ability to use your existing infrastructure.



## Remote control system

Irritech remote control system puts you in total control. Gain fast, easy access to your entire irrigation operation. As your fully integrated wireless management tool, the remote lets you view and control your systems from virtually anywhere.

It all adds up to less time in the field, less spent on valuable resources and greater control of your operation.



## Dragon-Line

The patented technology of MDI combines the efficiency of surface drip irrigation with the flexibility of center pivot and linear move irrigation systems. While conventional center pivot and linear move irrigation water application packages are efficient and provide many different options for distributing water, MDI technology provides increased system application efficiency through precision drip irrigation with the slow methodical release of water and nutrients directly to the soil area for optimal plant.





## Core components



UMC Motor



UMC 740UV Gearbox



UMC Coupler



Collector Ring



Bermad Valve



Komet End Gun



 Komet Sprinkler



KPT



Regulator



KPS

 Senninger Sprinkler



I-wob

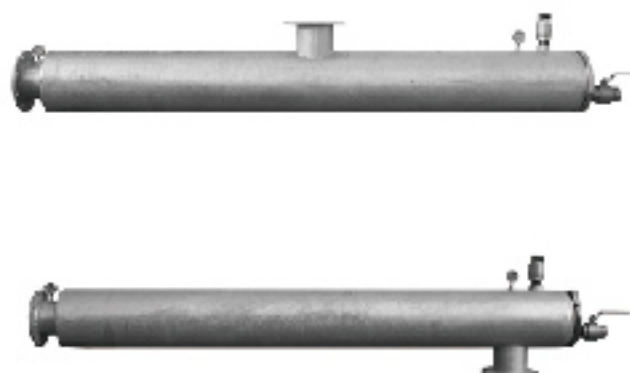


LDN



LEPA

## Irrigation Filter



### 750 GPM / 1200 GPM

The irrigation filter system is specially designed for center pivots. The mesh number and size all meet standard international requirements with stainless steel screen. The sprinkler filters is also convenient and easy to maintain, just take out the screen and clean off any sediment before replacing it back on.



## Chemigation Check Valve

- Flanged
- Inspection Port
- Air Vent
- Chemigation valves are designed for use on the discharge end of pipes to prevent the back flow or intrusion of water into the supply line
- This valve is specifically designed to prevent back flow of chemically treated water from irrigation systems



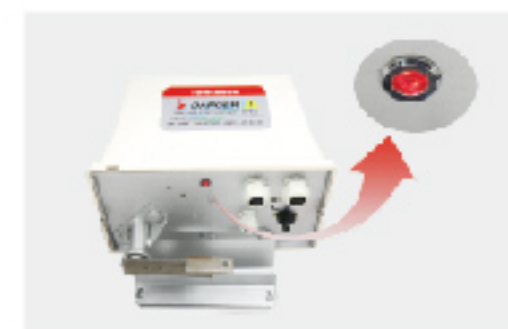
## Control Panel exclusive features

- 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
- LED light makes safe when operating at night



## Tower box exclusive features

- 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 conveniently find out the solutions



## ● Polyline pipe

High Density Polyethylene (HDPE) is mechanically inserted into specially designed span pipe and then thermally molded to become an integral part of the flange. This "HDPE" liner provides an inert barrier between the corrosive fluid and the galvanized steel components.

The outlets of poly lined system are made of special high-strength polymer for attaching drops. A unique system of polyethylene weights on the drops is provided.



## ● Epoxy coating pipe

Corrosion of standard galvanized pipe can occur, especially when growers use less desirable water sources, such as wastewater, process water, and even corrosive water; and when producers add crop protection chemicals or soil amendment products to their irrigation water. Epoxy coating pipes protect your irrigation pipelines from any corrosive components in your water, ensuring a long life for your machine.



## ● Galvanized pipe

Inner and outside welding improve the pipes long life when running with longer spans on heavy soil and terrain. Half length main pipe available to save the freight when repiping.

Outlet with NPT thread.



## ● Fertilizer Injection System

- Fully adjustable pump for rates of 0.04 gph to 1.9 gph
- Injection valve delivers precise amounts of concentrate into irrigation water stream
- Less drift than aerial-applied for improved efficiency and effectiveness
- Variety of systems available sized to your application
- Comes with all hoses, fittings and valves for immediate installation and application
- Tank capacities: 1000L-5000L tanks available.
- Engineered to prevent damage from corrosive chemicals
- Lightweight with molded handles for easy transport from field to field

