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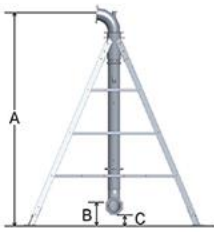
About Irritech

Irritech is well known for its innovation and high quality in the industry. Since 2012 Irritech engineers have been working with our worldwide dealers to help growers make better yields through our 2500+ pivots service in the field. Currently, our products are covering more than 40 countries over five continents. Please take few minutes to explore more about our products and some interesting innovations.....



International Cooperation





Pivot Point Height * For more information please refer to irritech pivot manual

	Point	Low Profile	Standard Profile	High Profile & Ultra High Profile
A	6 5/8"	2.81m	3.73m	4.72m
	10"	-	3.84m	4.81m

Lower Elbow

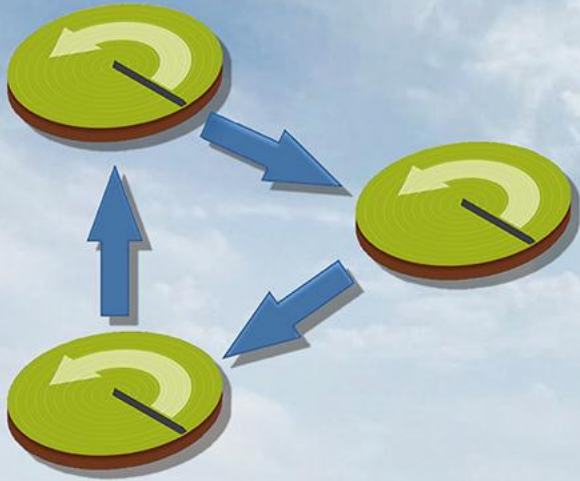
	Point	Low Profile	Standard Profile	High Profile & Ultra High Profile
B	6 5/8"	36.7cm	21.9cm	42.1cm
	8 5/8"	24.1cm	24.1cm	24.1cm
C	6 5/8"	28.3cm	13.5cm	20.6cm
	8 5/8"	14cm	14cm	14cm

Tower Wheel&Drive Unit Height

Tire Size	A	B			
		Lower Profile	Standard Profile	High Profile	Ultra High Profile
11.2*24	70.9cm	2.88m	3.96m	4.95m	5.78m
14.9*24	66.5cm	2.94m	4.01m	5.01m	5.84m
16.9*24	63cm	2.97m	4.03m	5.04m	5.86m
11.2*3.8	72.6cm	3.06m	4.12m	5.12m	5.95m

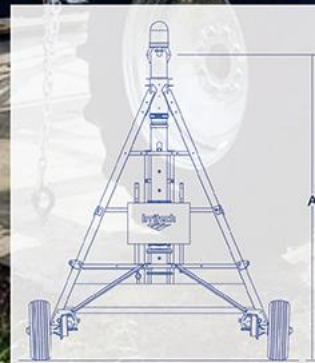
Specifications on standard profile

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%	13.72
6-5/8	60.63	2.9/1.9	9	2.83	14.9-24	8%	16.7
8-5/8	43.37	2.9/1.9	6	2.93	14.9-24	9%	19.38
8-5/8	49.12	2.9/1.9	7	2.83	14.9-24	7%	22.52
8-5/8	54.86	2.9/1.9	8	2.77	14.9-24	5%	25.08
800E 10"	34.14	2.28/0.76	4	2.58	14.9-24	14%	-
800E 10"	41.15	2.28/0.76	5	2.92	14.9-24	9%	-



Towable Center Pivot

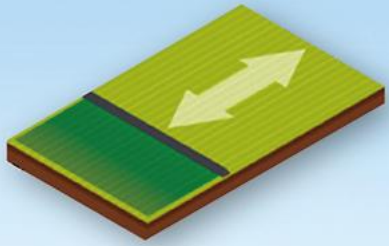
Towable pivot helps you limit the investment and gives you flexibility on irrigation scheduling, especially ideal solution for some drought tolerant crop.



4 Wheel Tow Height			
A	Pivot point tire	11Lx15	11.2x24
	6-5/8"	3.05m	3.2m
	8-5/8"	4.1m	4.25m

Model	2 Wheel 6-5/8"		4 Wheel 6-5/8"		4 Wheel 8-5/8"	
	800V	812V	800V	812V	800V	812V
San Diameter	6 5/8 in & 6 (168 & 152mm)	6 5/8 in & 5 in (168 & 127mm)	6 in (152 mm)	5 in (127 mm)	6 5/8 in & 6 in (168 & 152mm)	6 5/8 in & 5 in (168 & 127mm)
Max Length of first span	205 ft (62m) *225 ft (69m)	199 ft (61 m) *236 ft (72 m)	205 ft (62 m)	218 ft (66 m)	225 ft (69 m)	236 ft (72 m)
Maximum machine length to last drive unit	1000 ft (305 m) or 5 spans	1000 ft (305 m) or 5 spans	1000 ft (305 m) or 5 spans	1000 ft (305 m) or 5 spans	1500 ft (426 m) or 8 spans	1500 ft (426 m) or 8 spans
Maximum Tractor Size (Drawbar Pull)	3600KG	3600KG	3600KG	3600KG	5400KG	5400KG

*Single Span Systems ONLY



Two-Wheel Linear

Structure profile

Low standard high profile available

Specifications

Up to 8 spans or 487m

Available on end feed and center feed

5" & 6-5/8" available

Compatible with 812V & 800V series

Water flow to 1100GPM 250m³/h

Both ditch feed and hose drag are available

Hose drag up to 6"

Guidance

Furrow

Above ground cable

GPS

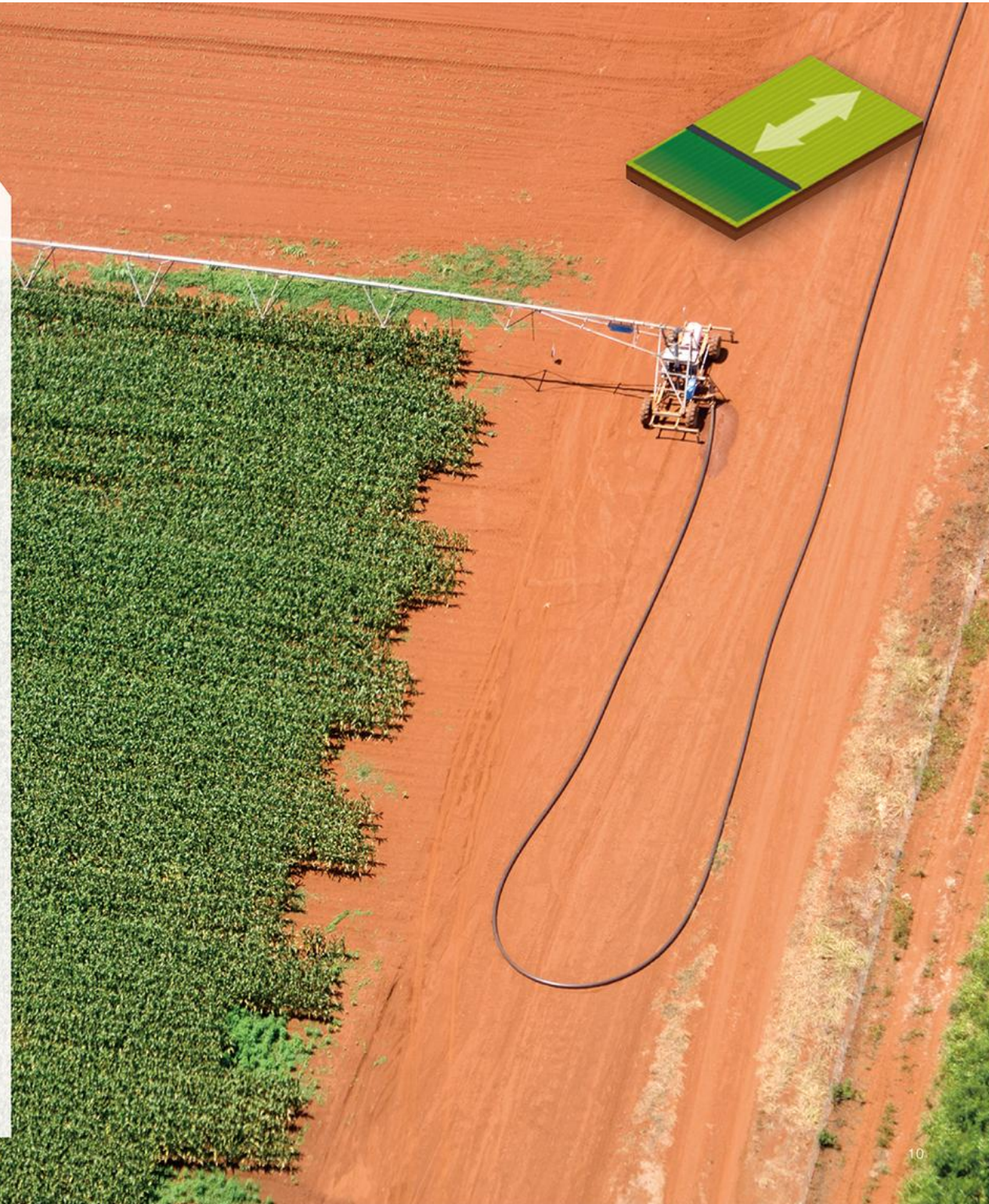




Four-Wheel Linear

- 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 tank: 1000L-3000L
- Water source: Ditch feed or hose drag
- Cart: Decathlon , Four-wheel, Raceway
- Guide way: furrow guidance, above cable, GPS
- 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.





Raceway linear

Allows you to efficiently irrigate even more of your land with just one machine, saving time and money. This linear irrigation product rotates 180-degree 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 hose drag or ditch feed as water source, giving you the ability to take advantage of your existing infrastructure. The max structure length can up to 8 spans or 396m.



Remote control system

- Intuitive UI design makes you easy to operate
- Achieve all the functions and supervisions through app Just like besides the pivot point
- Communicate through telecommunication WiFi Optical fiber or startlink
- Available on pivot & linear system

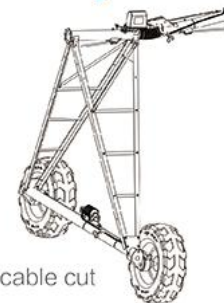
Cable guard system

- Send alarms when the span cable or center drives' cable were broken
- The alarms can be text message or phone call to your assigned cellphone or laptop
- The guard system was powered by the solar panel, If the battery was broken will trigger the alarm as well
- Apply to all pivots' brands ,Easy to installed

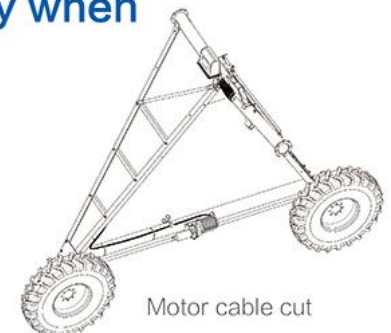


Cable guard system

Will alarm you immediately when



Span cable cut



Motor cable cut



 **Core Components**

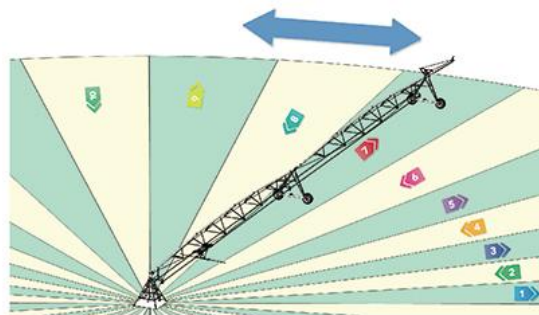
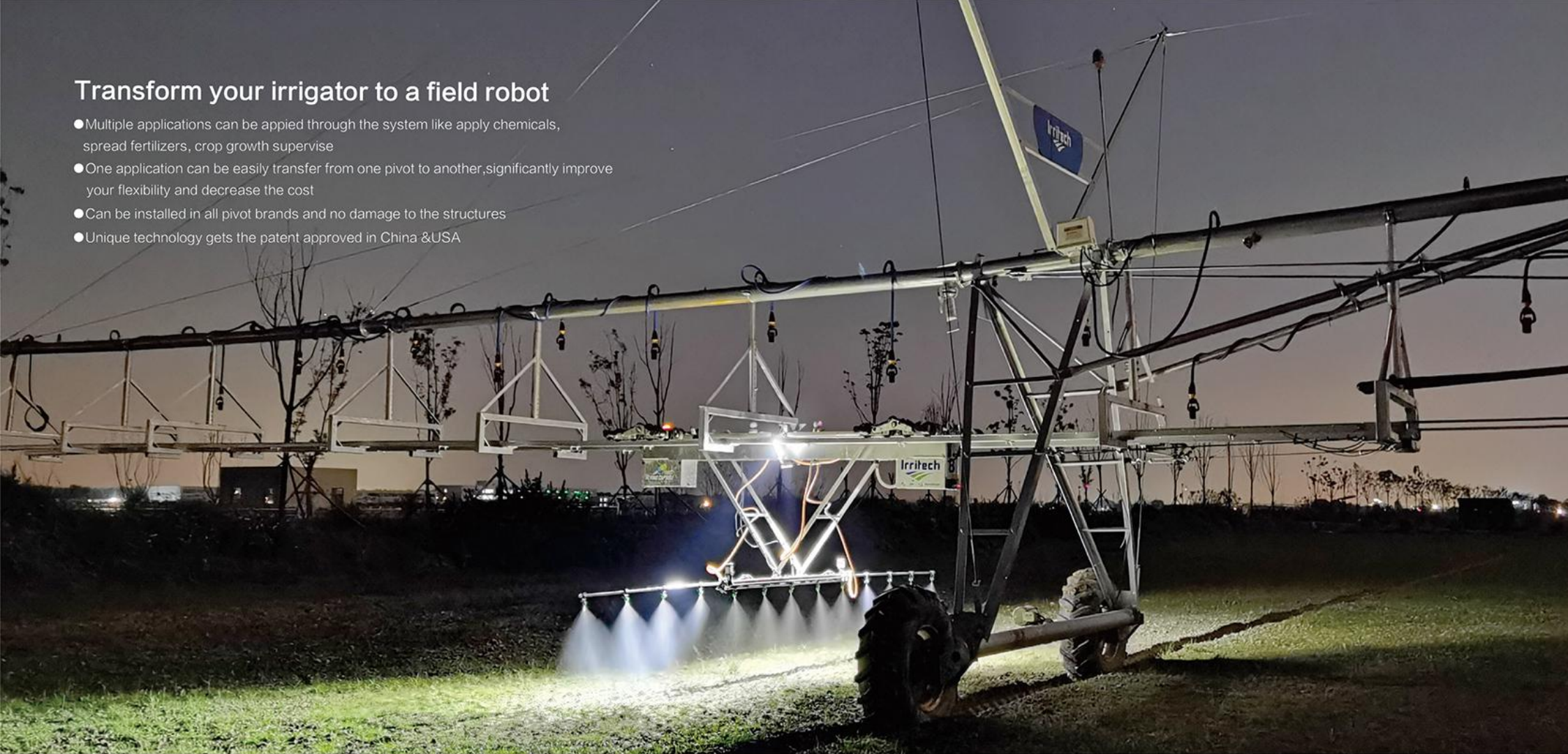


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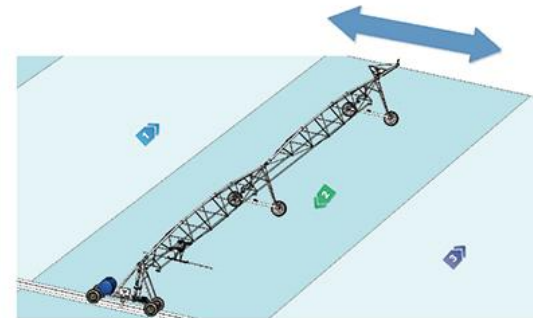


Transform your irrigator to a field robot

- Multiple applications can be applied through the system like apply chemicals, spread fertilizers, crop growth supervise
- One application can be easily transfer from one pivot to another, significantly improve your flexibility and decrease the cost
- Can be installed in all pivot brands and no damage to the structures
- Unique technology gets the patent approved in China & USA



Pivot model



Linear model



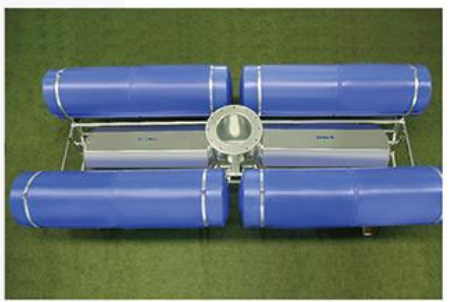


 **Filters**

Irritech offers series of filters from 700 GPM to 2000GPM .These filters are specific design for solid set sprinklers pivot systems and linear systems .Filter mesh can be customized.

The standard filter comes with stainless steel screen and hot-dip galvanized housing.The filter can be customized according to your requirements.

The self-cleaning aluminum floating suction device provides you wide accessibility to fetch water in different situations like creeks pools reservoirs ditch etc.





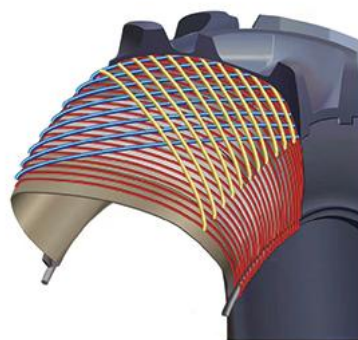
Tires

Irritech assembles all kinds of irrigation tires in our factory, 11.2-24 / 11.2-38 / 14.9-24 / 16.9-24 are the most common used irrigation tires, with tube and tubeless options for your choice.

In terms of the outer tube, inner tube and rims, we share the same supply chain with global TOP 3 center pivot brands.



Bias tire



Radial tire



Airless tire (Shark wheel)



Control Panel

Irritech supplies stainless steel control panel which can be customized with any design, any extra functions to control your accessories. All Irritech control panels are equipped with LED light making you easier to work at night. It is easy to find out trouble shooting videos by scanning the QR code sticking on the towerbox and control panel.

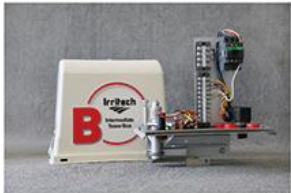


- All body made of 304 stainless steel
- Remote control is available
- Customized panel cover can put any information and pattern you like
- Phase sequence protector
- Trouble shooting QR code make the maintenance easily
- LED light makes safe when operating at night
- Touch panel is available

- Honeywell micro switches Specific design for center pivot
- Stainless steel sensor bearing and switch pivot arm
- Dacromet treatment pedestal can improve 300% corrosion resistance
- Trouble shooting QR code printed on the cover linking video guidance help user timely and find out the solutions



The indicator will flash when safety circuit was broken



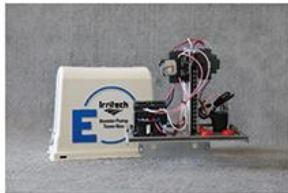
Intermediate standard alignment



Over Watering standard alignment



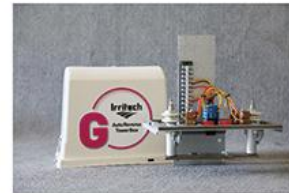
End Tower Box



Booster Pump Tower Box



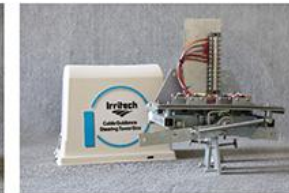
Central pulse Tower Box



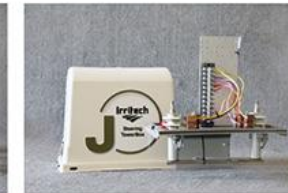
Auto Reverse Tower Box



Safety Tower Box



Cable Guidance Steering Tower Box



Steering Tower Box



Make your life easier

● Others

● Ours

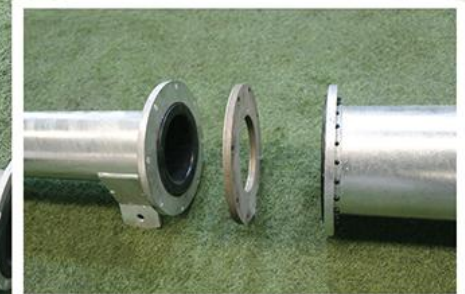


Polylined pipe

- Available on 6-5/8" & 8-5/8"
- Reinforced design of stainless steel outlets
- Interference fit between galvanized pipe and inner PE pipe, provide the extraordinary friction to avoid interval slide

Benefits

- Polyline is made from an inert material, making it ideal for chemigation, fertigation and resisting corrosive water
- Virgin high-density polyethylene internal tubing, for all section tubes even in section coupling.
- Robust sprinkler outlet without leaks, easy to maintain. No leaking - wide-gasket, self-locking couplers ensure a water-tight seal
- All structural components - from pivot pipe to last pipe - are lined and poly protected
- Water resistant coating with high content of corrosive agents
- Highly resistant to sunlight and humidity
- Extends the life of the irrigation system
- Saves cultivation costs by allowing the use of irrigation equipment to distribute fertilizers, chemical treatments, manure





- 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

 **Fertilizer Injection System**

Do you want to apply fertilizer and other crop protection products to your crops through Irritech center pivot or linear ?

Yes! Fertilizer can be injected directly into a mixing tank, and sprayed to crops with pivot water supply by sprinklers, enable you to maintain tight control of fertilizer application and costs.

Applying fertilizer and crop protection products through center pivot irrigation systems with Irritech fertigation system just makes sense—economically, agronomically and environmental friendly.

