



CENTER PIVOT IRRIGATION
LINEAR IRRIGATION



China Yulin Irrigation Equipment Co., Ltd is a leading manufacturer of agricultural irrigation equipment in China. As an OEM manufacturer we have supplied more than 1,000 large scale irrigation projects between from 2000 to 2008 to the American irrigation company. We are the only Chinese manufacturer to achieve their certification on technology, manufacturing process, management standards and quality assurance.

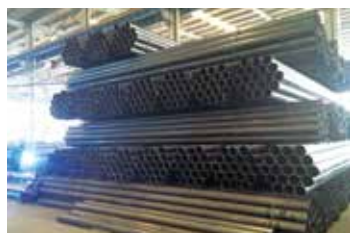
Starting from 2009 Yulin has marketed irrigation equipment under the brand HUAXINGYULIN and has developed into a major supplier for industry and the Chinese Government through large government project tenders.

The manufacturing plant covers an area of 35,000 square meters with the whole plant covering 45,000 square meters. Total investment has reached 40 million RMB. Yulin has built a new production plant with research and development at its heart. With modern advanced manufacturing equipment and rigorous quality control procedures Yulin irrigation equipment offers quality and lifespan on a par with American products.

We supply advanced irrigation equipment, professional installation teams, high efficiency irrigation programs and timely after sales service for customers all over the world.

Yulin exports directly to the USA, Russia, Iraq, Australia and several African countries. Yulin continues OEM manufacturing for foreign customers in recent years especially in Spain.

China Yulin Irrigation Equipment Co., Ltd is dedicated to the development of agricultural irrigation areas. We maintain lasting relationships with both our Chinese and international business partners to constantly improve the farmers' use of their limited resource – water.





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FIXED PIVOT IRRIGATION

Pivots are irrigation systems consisting of one or more spans which rotate around a fixed point anchored to the ground. The spans turn repeatedly around a fixed central point. They are simple to use and require little intervention. These machines are both reliable and excellent value for money.

ZONAL PIVOT IRRIGATION

The spans rotate less than 360 degree and therefore maximize the irrigated surface area when there is an obstacle (farm building, tree, pylon etc.) situated in the middle of the Field, or where the shape of the Field does not allow full rotation.

An automatic reverse system allows continuous operation whilst the security system ensures that the spans stop at the end of the irrigated zone.



PIVOT IRRIGATION MACHINE	
	9000DYP
SPAN DIAMETER	254mm
THICKNESS OF PIPE	3.2mm
KINDS OF SPAN MATERIAL	HOT-DIP GALVANIZED PIPE
	STEEL 304 PIPE
	ALUMINIUM PIPE
	HOT GALVANIZED PIPE WITH POLY SPAN INSIDE
PIPE DIAMETER	141mm:41.15-61.26m
	168mm:41.15-61.26m
	203mm:34.44-54.86m
	254mm:34.44-41.15m
OVERHANG LENGTH	6.7-26.8m
CONNECTION BETWEEN SPANS	ALUMINUM CLAMP AND RUBBER GASKET
TRUSS ROD	22mm 19.1mm 17.5mm
MAX SLOPE	30%

TOWABLE IRRIGATION MACHINE			
TYPE OF MACHINE	THREE WHEEL		FOUR WHEEL
	LOW	NORMAL	HIGH
LOW/NORMAL/HIGH			
TIRE OPTIONS	11.2"X22.5"		
	11.2"X24.5"		
	11.2"X24"		
	14.9"X24"		
	16.9"X24"		



Galvanized Steel

Acceptable for most conditions, but may not meet expectations under certain water conditions

Standard option on for any Yulin center pivot, linear or towable irrigation machine.



Inside with Poly Span, outside with Galvanized Steel

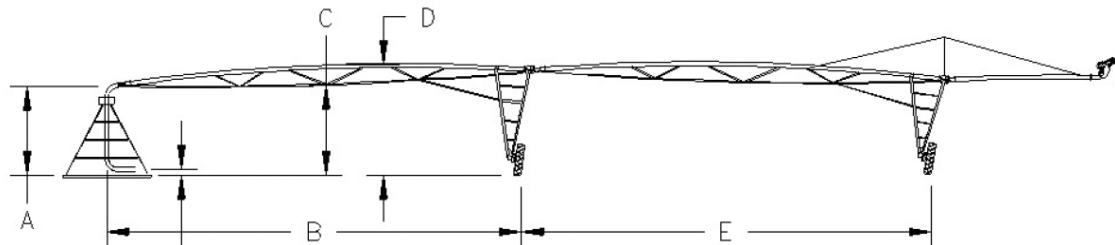
Natural Rubber Lining

Available for Yulin center pivots and linears (8" and 6 5/8" only)

Standard with 3/4" couplers and 1" drains



LINEAR IRRIGATION			
	FOUR WHEEL		TWO WHEEL
	LOWER	NORMAL	HIGHER
HEIGHT OF CENTRAL PART			
MAX LENGTH OF THE FIELD	UNLIMITED		UNLIMITED
CHANNEL WATER SUPPLY	YES		NO
PIPELINE WATER SUPPLY	YES		YES
CENTRAL WATER SOURCE SUPPLY	YES		NO
ROTATION	NO		YES
PIPE DIAMETER	141mm		141mm
	168mm		168mm
	203mm		203mm
COMPATABILITY	9000DYP		9000DYP
GUIDANCE MODE	FURROW		
	STEEL CABLE		



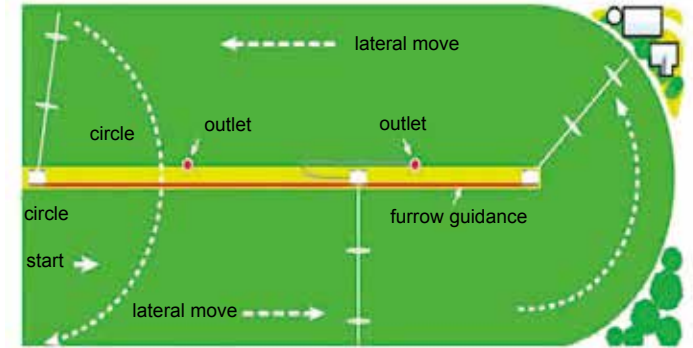
Pipe Size	Span Length	A	B	C	D	E
10"	113'	13'2"	113'9"	9"	14'	113'
10"	135'	13'2"	135'9"	9'2"	14'2"	135'
8"	135'	12'10"	136'1"	9'7"	14'7"	135'2"
8"	157'	12'10"	158'	9'10"	14'10"	157'
8"	179'	12'10"	180'2"	9'6"	14'10"	178'11"
6-5/8"	135'	12'10"	136'	9'8"	14'10"	135'
6-5/8"	157'	12'10"	158'1"	9'11"	15'2"	157'1"
6-5/8"	160'	12'10"	161'1"	9'11"	15'2"	160'1"
6-5/8"	179'	12'10"	180'2"	9'6"	14'10"	178'11"
6-5/8"	201'	12'10"	201'3"	10'1"	15'1"	200'2"
5-9/16"	135'	12'10"	136'	9'6"	14'7"	135'
5-9/16"	157'	12'10"	158'	9'9"	15'1"	157'6"
5-9/16"	179'	12'10"	180'	9'6"	14'10"	179'

TOWABLE PIVOT IRRIGATION

Towable pivot is equipment with a tower on swiveling wheels and a central unit on a moveable chassis fitted with a beam.

Once the wheels are aligned with the span's axle, the whole machine can be moved by tractor.

This type of pivot allows a reduction in the cost per hectare irrigated by increasing the area covered by the same machine.



Four Wheel Linear & Rotating Irrigation

This model can perform combined programs (linear and pivot irrigation) thanks to its articulated elbow adapted on a large bearing. Its structure, being similar to that of a pivot, allows the spans to do an about turn and therefore increase the irrigated surface area.

Its operation can be completely automated.

Water supply via a flexible pipe or a PEHD connected to an articulated elbow

Tower on a chassis with 4 motorized wheels

Can accommodate an electricity generator

Furrow guidance or steel cable guidance

Folding Span

Offering maximum flexibility, the folding span is the ideal solution for bypassing obstacles in the middle of fields. The spans downhill from a tower equipped with a rotating axle continue to irrigate whilst the spans uphill from the tower are stopped with their sprinklers shut off.



LINEAR IRRIGATION

This systems consisting of one or more spans which can be used autonomously. The water supply arrives via a pulled pipe or by drawing water from a lateral channel.

The electricity supply comes from a pulled cable or from a generator loaded on the machine.

These machines can be adapted to suit the different layouts of fields by following different circuits-linear or combined (linear and circular)

Yulin is the indisputable leader in this filed in China market with more than 1000 Linear irrigation machine.

TWO WHEEL LINEAR IRRIGATION

This machine allows a “back and forth” irrigation via a linear of five spans maximum. This type is idea for small to medium sized rectangular land.

Tower with axle and two motorized wheels

Water supply via a flexible pipe or a PEHD connected to a rotative elbow.

Can accommodate an electricity generator

Possibility to add a cantilever scythe in order to increase the irrigated surface area

Furrow guidance guidance or steel cable guidance

Moveable version available



FOUR WHEEL LINEAR IRRIGATION

“Back and forth” irrigation via a linear of 10 spans maximum

Water supply via a flexible pipe or a PEHD connected to a articulated elbow.

Tower on a chassis with 4 motorized wheels

2 jointed axles for a better adaptation to the terrain

Can accommodate an electricity generator and a diesel tank

Possibility to add an overhang at each end of the spans

Furrow guidance or steel cable guidance





Two Wing Linear Irrigation Machine

“Back and forth” irrigation via a linear move

Two lines of spans mounted on both sides of the motor which allow the flow to be spread out and reduce water loss

Water supply via a channel

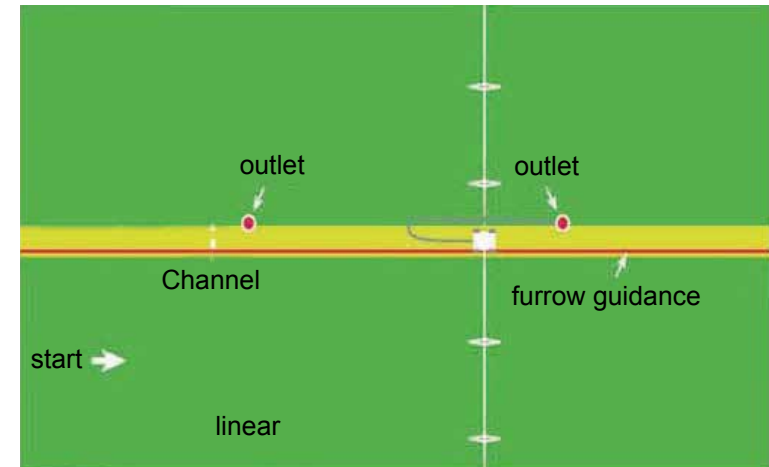
Tower on a chassis with 4 motorized wheels

2 jointed axles for a better adaptation to the terrain

Can accommodate an electricity generator

Possibility to add a loaded gen-set and a self-cleaning strainer by drawing water from a lateral channel at rates of up to 800 m³/h

Furrow guidance systems



Unique Automatic Water Hose Rewinding System





Standard Control Panel

1. Work status indication and real-time monitoring
2. Failure alarm
3. Span synchronization protecting function
4. Auto-stop of irrigation machine and water pump if water pressure is too low or if irrigation machine encounters some problem
5. Auto-start of water pump with the start of the machine
6. Digital display percentage table that allows to

adjust the working rate

7. Indication of possible reasons for breakdown
8. Auto-stop if voltage is low/high
9. Auto-reverse function
10. Equipped with lightning arrester to prevent lightning stroke
11. Extreme temperature protection switch ($\leq 4^{\circ}\text{C}$)



PLC Intelligent Control Panel

1. All functions of standard control panel
2. Chinese or English LCD interface, diaphragm keyboard input
3. Memory functions for irrigation rate, rain capacity, number of turns, irrigation time etc
4. Possibility of small agriculture meteorology station installation
5. Wind speed, rain capacity, soil dryness and humidity sensors

6. Possibility of sending alarm SMS to your mobile phone in case of breakdown
7. Diesel generator, fertilizer and drug metering pump control
8. Angle control for sectors with the accuracy up to 0.1 degree
9. Irrigation rate, overhang, sprayer, end gun and electric valve control



Mobile intelligent control system

You can use your mobile device and our software to send messages to control panel. It allows you to adjust some functions of irrigation system remotely, even if the network is not available at your farmland. You can control up to ten pivots at the same time



Yulin Gearbox and Motor

Gearbox, 2 1/2" Tow, Non-Tow	Motor Assembly, 3/4 HP, 43 RPM
	Motor Assembly, 1-1/2 HP, 86 RPM
	Motor Assembly, 1HP, 30 RPM
Gearbox, power drive, Non-Tow	Motor Assembly, 3/4 HP, 43 RPM
	Motor Assembly, 1 HP, 59 RPM

Longer output shaft and offset rim provide clearance between the gearbox and tire to reduce mud building and extend seal life



Collector Ring

1. No spill water guarantee
2. No affect on water flow
3. Water flow increase up to 10%
4. Water cost saving
5. Pump lifetime increase



14.9-24 Irrigation Tire



14.9x24 Irrigation Tire



Position and Angle Switch



Half Clamps and Rubber Gasket



Hose Clamp



Coupler



Tower Box



Clamp



Hose Barb



Washer



Pipe Flange Gaskets



Nelson Sprinkler



Nelson End Spray Gun



Drive Unit



Filter



Booster pump



HDPE pipe



U-PVC pipe



Pipe Factory



Generator



Water Hose for Liner Irrigation



Tank

Capacity: 1000L/2000L/3000L

The scale on the tank makes it more convenient and quicker for the users to inject the liquid chemicals into tank. According to the ratio, the mixer starts to work on them at the desired value and gain the ideal concentration.

The tanks produced by Yulin factory are highly corrosion-resistant, reliable and strong. The tank body has seamless design. The inlet is appropriate in size and tightly sealed. It prevents accidents resulting in children and livestock harm or even death.

Yulin has set up a network of dealers who are highly professional in marketing, installation, maintenance and providing services. They make our irrigation equipment easier to operate, provide more convenience to our customers all around the world and enable them to enjoy faster and better service.



ACHIEVEMENTS of YULIN IRRIGATION



Potato Planting Base for Simplot



Potato Planting Base for Pepsi



Planting Base in Hailar Inner Mongolia for Yili Group



Planting Base in Tongliao Inner Mongolia for Mengniu Dairy





We provide the best service for our clients all over the world.

Water Supply Program

- 1.Pump station
- 2.Water pipe network
- 3.Submersible sewage pump
- 4.Generator set
- 5.Farmland plan

Irrigation Program

- 1.Irrigation machine program
- 2.Shipment for order
- 3.Overseas installation and technical support
- 4.Training for usage of irrigation machine
- 5.OEM for professional irrigation companies

Adapted solution to optimize water and energy use

Pivots and Linear irrigation can be adapted to suit any surface from three to several hundred hectares, taking into account energy costs, water requirements of the crop, and labour.

YULIN IRRIGATION sticks to the principle that “by using the right pivot and right nozzle, you will get an evenness of irrigation of 90-95% without more pressure and energy than the drip irrigation system.

An investment for more than 20 years

The lifespan of a pivot is much more than 20 years. Some machines are still operating after 25 years. Therefore it is a long-term investment for your farmland.

In addition, the maintenance costs are very low, making a pivot or linear the least expensive and most profitable irrigation system per hectare.





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