

# ATLANTIS

CENTER PIVOT & LINEAR IRRIGATION SYSTEMS



**COUNT ON IT**

**Manufacturer Company  
Since 1998**



[www.atlantis.com.tr](http://www.atlantis.com.tr)



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## CENTER PIVOT IRRIGATION SYSTEM



Center Pivot Irrigation Machines can operate at slopes up to 15%. The water usage efficiency in Center Pivot Irrigation Systems reaches 90-95%.

Center Pivot Irrigation Machines consist of towers between 34-65 meters. With the systems, thousands of acres of land can be irrigated automatically without human touch. Systems can start from 34 meters and reach a radius of 1300 meters. (A single machine can irrigate up to approximately 530 hectare)

In many parts of the world, these systems, which were created for the purpose of irrigating large agricultural areas with the most economical and high performance, have been accepted by the irrigation of many plants in different land and climate conditions over the years.

Composed of completely galvanized steel pipes and steel construction, the system moves in a circular rotation on a reinforced concrete platform and automatically irrigates without human touch.

## LINEAR IRRIGATION SYSTEM



Linear irrigation systems are developed to irrigate thin and long rectangular fields by moving straight. For the system to work, the machine takes water along a line and irrigates by moving linearly. The machines can work comfortably at slopes of up to 4-5%. The length of the systems can reach up to 1000 meters.

Linear Irrigation Machines can provide irrigation efficiency up to 85-95%. Linear Irrigation Machines do not leave an irrigated area by irrigating up to 98% of the land. It is possible to fertilize from a single center with systems.

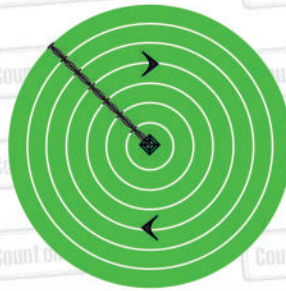




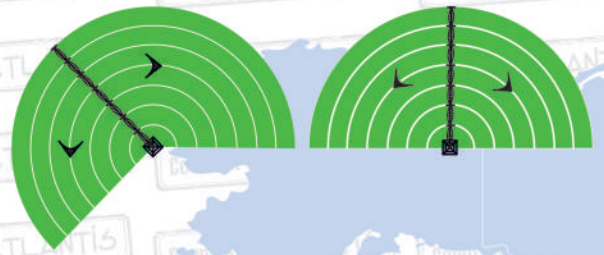
# CENTER PIVOT IRRIGATION SYSTEMS

Circular moving systems preferred in areas close to square. Systems that move full rounds are called Center Pivot, systems operating at different angle degrees are called Sectoral Pivot.

## CENTER PIVOT



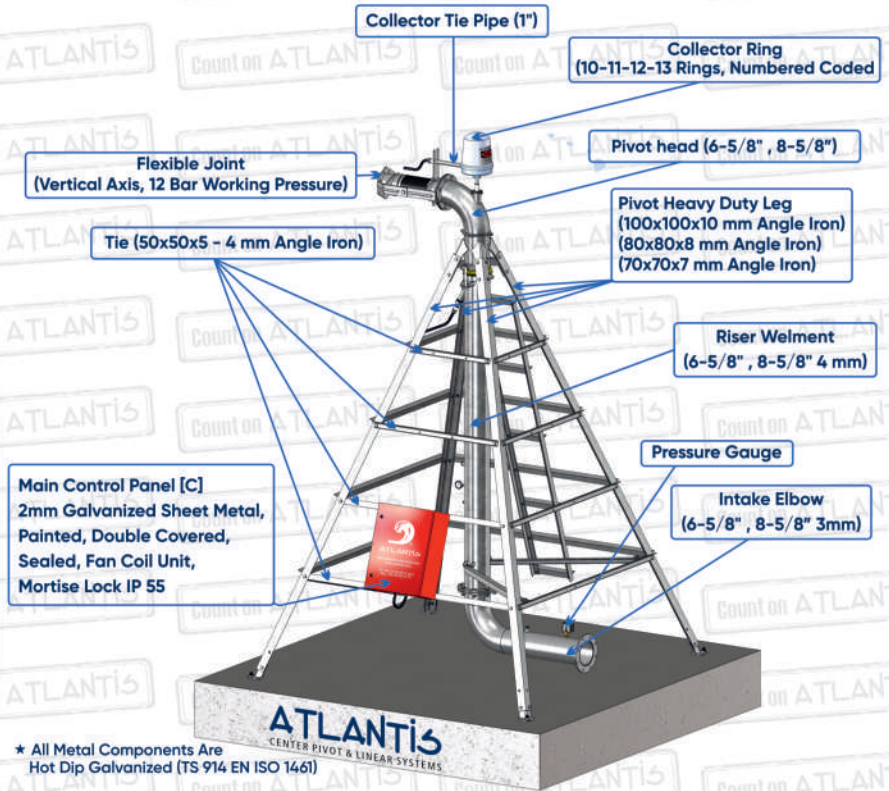
## SECTORAL PIVOT



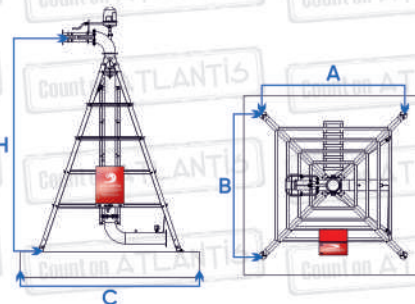
## TECHNICAL SPECIFICATIONS OF CENTER PIVOTS - MAIN TOWER



## REMOTE CONTROL SYSTEM



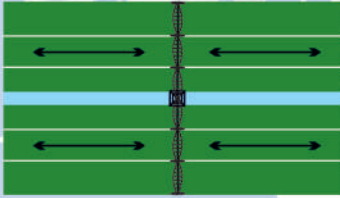
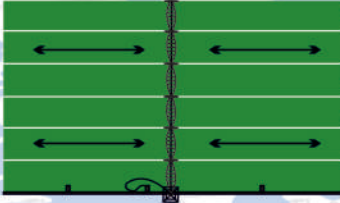
\* All Metal Components Are Hot Dip Galvanized (TS 914 EN ISO 1461)



MODEL	A (cm)	B (cm)	C (cm)	D (cm)
LOW	219	219	290	330
STANDARD	280	280	350	420
HIGH	325	325	400	485
VERY HIGH	370	370	450	550



## LINEAR IRRIGATION SYSTEM



Many agricultural areas in the world consist of small and rectangular-shaped lands. Machines that move linearly are needed to irrigate these lands.

Thanks to the technology developed by Atlantis, minimum we can produce machines that start from 2 hectares and can irrigate up to 300 hectares with a single machine. In this way, we are able to produce solutions for small farmers and large agricultural investors.



LINEAR SYSTEM  
2 WHEEL LINEAR



LINEAR SYSTEM  
4 WHEEL LINEAR



CENTER LINEAR SYSTEM



MULTICENTER SYSTEM



SUCTION FROM  
CHANNEL SYSTEM



CORNER CENTER PIVOT



## MULTICENTER SYSTEM

A single system is used to irrigate multiple fields. Thanks to the wheels mounted on the central tower that can move (in different directions), it can be carried by itself to the new irrigated area by walking or pulling it with the help of a tractor.

## CORNER CENTER PIVOT

In the circular moving Center Pivot systems, more area can be irrigated thanks to a specially designed tower added to irrigate the corner areas where the system cannot reach more.





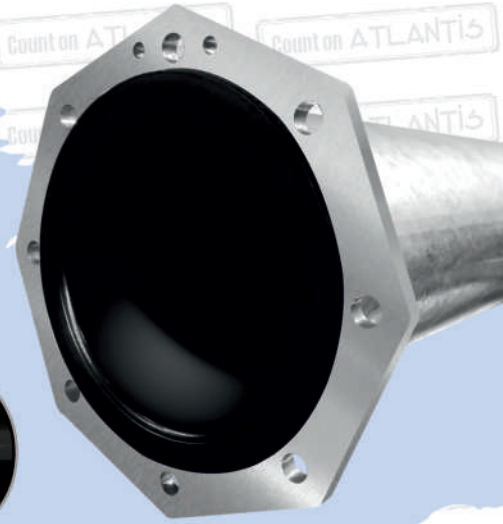
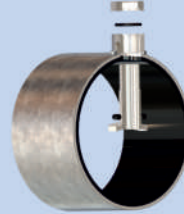
# PolyPipe

## CHOOSE THE BEST PIPE FOR YOUR AGRICULTURAL FIELD

*Lining stands up to the most corrosive water or wastewater*

Atlantis has provided a superior protection against problematic water sources by coating the inside of the standard galvanized pipe of the Center pivot and Linear irrigation systems with polyethylene pipes with Polypipe, which it has developed as a result of its R&D studies for more than 5 years. In this way;

- Longer life span of Center Pivot and Linear Irrigation Systems has been provided.
- The pipe, which is more durable with PE inner coating in addition to galvanized coating, will provide impermeability for many years.
- Thanks to Polypipe, it is not affected by sand or sediments in the irrigation water. In this way, it is a system that you can use for many years.

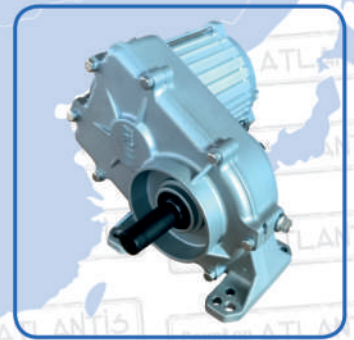


Long-life, polypipe with galvanized steel pipe, made by ATLANTIS

*"We work with long-lasting brands for our customers"*



GEARBOX MOTOR



CENTER DRIVE MOTOR



DRIVELINE COUPLER SHAFT

The VICKY® Standard Coupler is a shock-attenuating drive connection between the center drive gear motor and final drive gearbox. It has been the industry standard for over 23 years on new systems from Original Equipment Manufacturers. It is available in a variety of sizes and configurations to fit any brand of center pivot.



FERTILIZER DOSING KIT



PRECISE ALIGNMENT SYSTEM



PIVOT SPRINKLER & NOZZLE

**Senninger®**



I-WOB2® | WOBBLERS



XI-WOB® | WOBBLERS



PSR-2  
PRESSURE REGULATORS



XCEL-WOBBLER®



SUPER SPRAY®



GOOSENECKS



BIG VOLUME END GUNS & NOZZLE & SPRINKLER



INNOVATIVE IRRIGATION

PRECISION SPRAY (KPS)



TWIN MAX



AVAILABLE MODELS

PIVOT 18°

PIVOT 12°

24°

PRECISION TWISTER (KPT)



TWIN 101 ULTRA



AVAILABLE MODELS


24° / 21°

VARI ANGLE

PIVOT 18°



GEARBOX & CENTER DRIVE & COLLECTOR RINGS & COUPLER



**UMC**<sup>®</sup>



**740-U™ GEARBOX**



**POWER SAVER® 3.5**



**STANDARD COUPLER**





**COLLECTOR RINGS**

**PIVOT SPRINKLERS / 3030 SERIES**

PIVOT SPRINKLER & NOZZLE & BIGGUN



ORIGINAL  
**BIGGUN**

**ROTATOR®**  
The Pivot Rotator® is the world's premier pivot sprinkler, featuring the widest throw on drops and highest uniformity.




**ACCELERATOR**  
The Accelerator's unique design provides a low pressure option with the proven reliability and long wear life of the Rotator®.




**SPINNER**  
The Spinner is a faster rotating sprinkler that is great for sensitive crops & soils.




**SPRAYHEAD**  
The Sprayhead is a reliable option for LEPA/LESA applications.




**ORBITOR**  
The Orbitor features technology that eliminates the struts of a sprinkler body to provide outstanding uniformity and optimal droplets at low operating pressures.



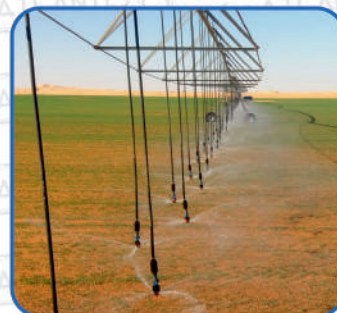

**UNIVERSAL**  
The U 3030 body is designed to be used with the Part-Circle 3030 options and the Hose Drag Adapter.



**SR75**  
Part-circle operation for use as a pivot end gun or in solid set edge applications where pressure and/or flow is limited.  
30 GPM-160 GPM  
(6.8 M3/H-36.3 M3/H)



**SR100**  
The original pivot end gun and classic high volume sprinkler for part-circle operation.  
50 GPM-300 GPM  
(11.4 M3/H-68.2 M3/H)





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## SOCIAL MEDIA ACCOUNTS

You can follow us on our social media accounts.

 /atlantispivot  
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/atlantispivotspanish /atlantispivotmiddleeast  
/atlantispivotasia /atlantispivotocenia

 /atlantispivot  
 /company/atlantiscenterpivot  
 /atlantiscenterpivot  /atlantiscenterpivot



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