



MAXIMOS R Series



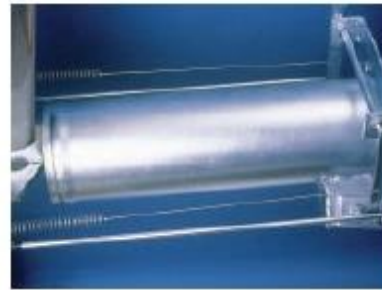
MAXIMOS R Series

CENTER PIVOT

Pivot Centre

Rotating elbow mounted on a sturdy frame made from high – strength materials, with a flexible joint that adapts to the slope of the terrain.

The stainless-steel wear sleeve, corrosion resistant, lets the riser pipe rotate smoothly and makes the seal more efficient and durable.



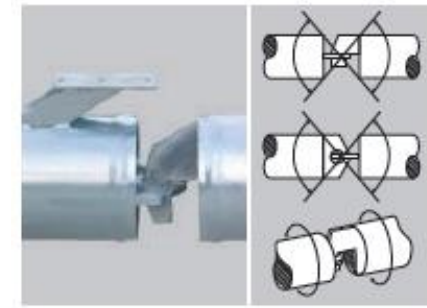
Alignment System

The Unique system with bow and double tie rod centred on the pipeline axis provides greater accuracy in aligning the towers and facilitate adjustments.



Tower Legs

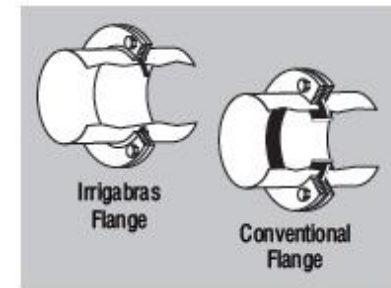
The proven performance of the single – leg tower, made of 6" U – beam, fastened by 4 bolts to a sturdy support welded to the pipe, provides the tower greater strength compared to other systems using a single bolt and a structural shape made from steel angles of thin thickness.



Flexible Joint

The coupling between spans with internal joint and flexible hose, placed in the centre of the pipeline, allows side, up and down and rotational movements, with reduced effects on the structure and hose longevity.

No other system is so efficient in hilly terrain.



Flanges

The unique flange construction process makes for metal – to – metal contact at the pipe – joints, enclosing the V- ring seal in a metal chamber, preventing it from damages and leaking. This provides greater rigidity to the structure, better alignment of the pipeline and less obstructions to the water flow.

Pivot Centre



Main Panel Optional

Provided by Field Wise, offers unparalleled features for any panel that exists. Field Wise is the first in class, full colour 5" or 10" capacitive touch screen computer panel. It utilises existing main panel, saving time and money.



Collector Reel

The efficient contact between the rings and the brushes results in precision functioning and low maintenance operation.



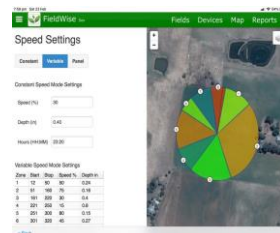
Stiffeners

The stiffeners evenly distribute the pipeline load to the bottom of the tower.



Remote Control

Provided by Field Wise, Zempat is the first universal remote telemetry unit truly designed to handle multiple aspects of farming business. Acting like a 24/7 dedicated watchmen, the Zempat is constantly monitors operation to keep farmer informed on what's going on.



"V" Shape Trusses

The greater number of "V" shaped trusses per span provides more strength, stability and durability to the structure.



Truss Rod

A single type of truss rod for all the equipment, made from high strength steel.

Application of water

Sprinklers

We use choices of Komet and Seninger Pivot Sprinklers, each package is carefully designed to meet required application.

The V series systems come standard with 125/180 D goosenecks and truss rod hose slings. By alternating the sprinklers either side of system, you can increase the wetted area by as much as 25%, this giving better infiltration of water into the soil.



Good irrigation results can be achieved if the efficiency and uniformity of water distribution are maintained.

Maximos Agnflow offers a complete line of sprinklers, sprays and pressure regulators suited to each type of soil and crop.

Boost Pump and End Gun Options

Valve Control and Pump

Boost pump options are 2HP with Valve control we recommend Bermad on all our system for simplistic design and performance.



Komet

i-Wob



Bermad



Options: 2 HP and 5 HP



End Gun

R Series pivot we recommend Komet 101 or XCAD



Komet 101



XCAD

Towable Pivot

The solution for irrigating two or more fields with a single equipment. This is a practical, efficient, versatile system, allowing the irrigation of rectangular fields (irrigation in strips).

The ability to irrigate several fields significantly reduces the cost of investment per irrigated area.

It is also a great solution for replacing hand – move and hose – reel irrigation systems, with the advantage of reducing labour and energy costs, increasing the irrigation efficiency.



2 – wheeled Centre

For pivots up to 6 spans, in flat land
Permits towing by the centre and by
the end tower

4 – wheeled Centre

24" rim wheels with swivel brackets.
For equipment up to 9 spans.



How Towing Works

The preparation is quick. Simply disengage the drive shaft, lift the towers wheels one by one with the aid of the jack. Then remove the pin from the support for the wheel reduction unit, rotate the wheel through 90 degrees and place the pin in the towing position. Then unlock the reduction unit and release the free wheel for towing.



Tyres

All tyres go with high quality galvanised rim.

- 11.2 x 24 Tube or Tubeless
- 14.9 x 24 Tube or Tubeless
- 16.9 x 24 Tube or Tubeless
- 11.2 x 38 Tube or Tubeless
- 13.6 x 38 Tube or Tubeless





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