

# MONSOON



Irrigators Australia Pty Ltd

## Cyclone Centre

## Pivot





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MONSOON CYCLONE CENTRE PIVOT IRRIGATORS ARE AUSTRALIAN MADE WITH A GALVANISED STEEL STRUCTURE, HEAVY DUTY ALUMINIUM WATER PIPE AND STAINLESS STEEL CENTRE PIVOT PIPE WORK, OFFERING HIGH CORROSION RESISTANCE.



### Collector Ring

Made up of stationary brass rings with contact brushes that rotate around them making it possible to supply continuous power and signal voltage to the motors.

- 13 Conductor Collector Ring standard
- 1" Female Fitting
- Grease Nipple to stop seizing



### Tower Box

Two independent run circuits with corresponding electric micro switches for each drive.



### Komet Twin Max End Gun

Nozzle Range - 12 Nozzles Ø 10.0" - 24mm  
Ø 10.39" - 0.94"



### Pivot Sprinklers

- Sprinkler or spray nozzle packages for optimal Pivot performance



### Centre Drive Motor

Designed to be the best in the business the Gear Motors single bolt junction box cover makes installation and Maintenance easier.

- Internally vented junction box protects motor lead connections from moisture.
- Seal savers on output to protect oil seals.



### Wheel Drive Gearbox

Designed to support longer spans, larger wheels, and heavier towers, making better capability for tougher conditions.

- Larger input bearings and reinforced housing.
- High strength cast iron bolt on end caps.
- Top oil fill provision.
- 740 U-AD has a 50:1 Higher Torque, Handling capacity and greater longevity.

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MONSOON USES AS MANY AUSTRALIAN MADE COMPONENTS ACROSS ITS RANGE OF HARD HOSE IRRIGATORS AS POSSIBLE. OUR AUSSIE MADE PIVOTS ARE CERTAINLY NO DIFFERENT USING LOCALLY SOURCED MATERIALS.

SPECIFICALLY DESIGNED TO DISTRIBUTE WATER EVENLY, CYCLONE PIVOT IRRIGATORS ENSURE EFFICIENT USE OF WATER RESOURCES.



Span Lengths

6"	50.25M
6" / 8"	44.10M



Control Panel

- Designed to work in the toughest conditions while being user friendly.
- Durable enclosure is water and humidity proof.
- LED screen for easy operation.



Over Hang

6"	6.15M
6"	12.3M
6"	18.45M

## 2-HP Booster Pump



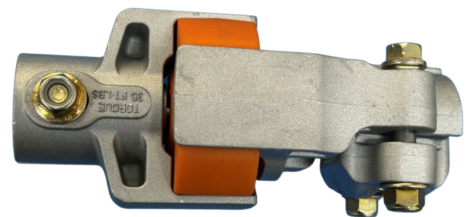
- Nominal RPM 3600.
- Maximum working Pressure
- 100 psi.

## Optional Extra

Nelson or Senniger sprinklers also available.



## UMC Drive Coupling

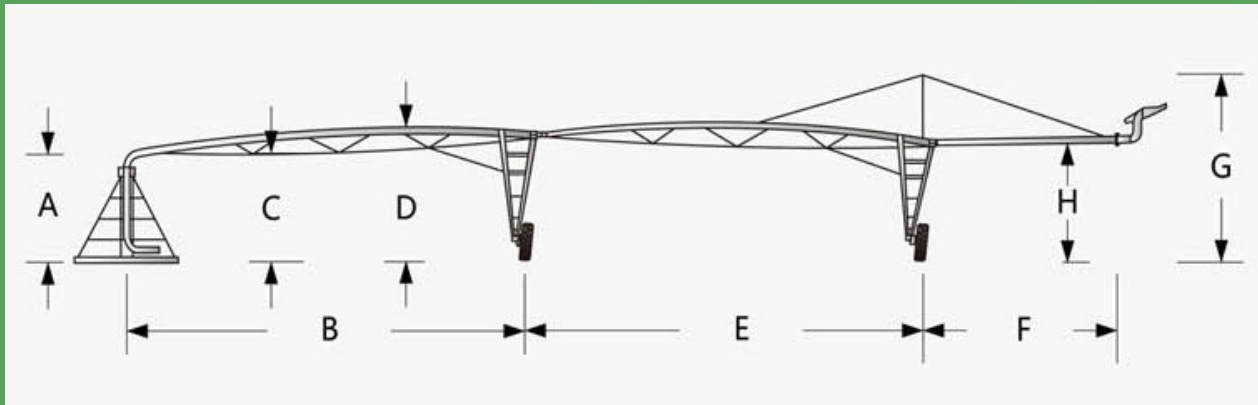


- Heavy duty design for durability.
- Shock attenuating drive connection.
- Designed to protect the centre drive gear motor.



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PIPE SIZE	SPAN LENGTH	A	B	C	D	E	Overhang Length	F	G	H
10" - 254MM	41.15M	4.01M	41.37M	2.79M	4.32M	41.15M	11' - 3.35M	4.27M	5.33M	3.48M
8" - 203MM	41.15M	3.91M	41.7M	2.92M	4.45M	41.20M	22' - 6.71M	7.62M	5.33M	3.48M
8" - 203MM	47.85M	3.91M	48.16M	3.00M	4.52M	47.85M	33' - 10.06M	10.97M	5.33M	3.48M
8" - 203MM	54.56M	3.91M	54.91M	2.90M	4.52M	54.53M	44' - 13.41M	14.32M	5.33M	3.48M
6 5/8" - 168MM	41.15M	3.91M	34.57M	2.95M	4.52M	41.15M	55' - 16.76M	17.68M	6.70M	
6 5/8" - 168MM	47.85M	3.91M	48.18M	3.02M	4.62M	47.88M	66' - 20.12M	21.03M	6.70M	
6 5/8" - 168MM	54.56M	3.91M	54.91M	2.90M	4.52M	54.53M	88' - 26.82M	27.73M	6.70M	
6 5/8" - 168MM	61.26M	3.91M	61.34M	3.07M	4.60M	61.01M				
5 9/16" - 141MM	54.56M	3.91M	54.86M	2.90M	4.52M	54.56M				
5 9/16" - 141MM	47.85M	3.91M	48.16M	2.97M	4.60M	48.01M				

SPAN	1	2	3	4	5	6	7	OVERHANG	END GUN
LENGTH	61.34M	122.34M	183.34M	244.34M	305.34M	366.34M	427.34M	454.14M	484.14M
AREA HA	1.18HA	4.47HA	10.55HA	18.7HA	29.27HA	42.14HA	57.34HA	64.76HA	73.60HA
FLOW REQUIRED 9mm PER DAY	4m³/HR	18m³/HR	40m³/HR	70m³/HR	110m³/HR	158m³/HR	215m³/HR	242m³/HR	276m³/HR

**Customer Support, Technical Service & Sales**  
**EMAIL : [sales@monsoonirrigators.com.au](mailto:sales@monsoonirrigators.com.au) Phone : 0266 5252 64**

