

Irripod 40mm Pop-Up Pod

Installation and User Guide

Installation Recommendations

Irripod 40mm Pop-Up Pod is a flexible, cost effective pipeline sprinkler irrigation system for pasture and forage crops. Designed to operate at low pressure Irripod 40mm Pop-Up Pod distributes water on a slow absorption rate over a 12-24-hour period. This allows for effective absorption into the soil whilst eliminating pooling and run off. The system utilises protective Pod Skid covers over sprinklers that are attached to an irrigation pipeline.

Irripod 40mm Pop-Up Pod can be configured to suit individual requirements dependant on application rates, the distance to be irrigated and the rotation intervals appropriate for the situation. Each Irripod irrigation line can be customised to suit varying paddock sizes and shapes while also accommodating existing obstructions.

Operating Guidelines

- Moving Times – 12 or 24 hours, dependent upon system design.
- Return Times – Range from 8 to 14 days and are determined by soil structure, pasture/crop type, water availability and local climate conditions

Irripod In-Line Pop-Up Pod is a flexible, cost effective irrigation Pod Skid which incorporates a Pop-Up protected sprinkler. The cover protecting the sprinkler also protects young and inquisitive stock from leg damage by allowing no access into the Pod body. The Irripod In-Line Pop-Up Pod is designed for use with Nelson R2000WF sprinkler series with the ability to incorporate the Nelson Mini Regulator.



Installing Pod Skids

Note: Pipe needs to be laid out at least 24 hours before installation of pods.

Step 1

Begin your installation at the far end of the pod line where the Tow Eye will be fitted (do not fit Tow Eye until line is flushed).

Step 2

Mark a position that is 1m from the end of the line. This is where you will install the first Pod Skid.

Step 3



Lay pipe over Skid Base and secure in position with Cross Tee Anchor.



Drill 15mm (9/16") hole at required spacing for the sprinkler type being used and remove all drilling swarf. Ensure the hole is drilled perpendicular to the Pod Base.



Screw either Nelson Mini Reg or Irripod ACME Male/Female High Riser onto ACME thread in base of Pop-up Piston and then place into Pop-up Tapping Saddle Top



Place Pop-up Screw Cap Seal on top of Pop-up Tapping Saddle Top and secure Pop-up Screw Cap into place.



Tip the Pop-up TST until Mini Reg or Riser protrude, hold with finger and screw on Nelson R2000WF. Note all threads should be hand tight, do not use a tool for tightening.



Fit O-ring seal to Pop-up Tapping Saddle Top, locate spigot into hole in pipe and fasten to Cross Tee Anchor, ensure fastening nuts are tightened evenly.



Locate body on skid base and push firmly down to engage grip lugs.



Secure top cover by screws around the base.



Fix wire clip into opposing holes on body sides.



Screw wire clip holders into the holes provided.



Locate Pop-up Pod Cover on top of Irripod Top Cover and ensuring the cutouts in the Pop-up Cover locate inline with the Pipe direction, fasten with screws.



Flush the irrigation line prior to fitting the pipeline Tow Eye to remove any drilling debris left in the pipe.

Step 4

Having completed the assembly of the first Pod Skid, measure along the pipe the sprinkler design spacing from the last Pod Skid. This is where you will place the next Pod Skid. You now need to assemble the Pod (repeat Step 3).

When you have completed the assemblies of the Pod simply follow Step 4, and Step 3 until you have completed all Pod Skids required on the particular pod line.

Step 5

You should now have all the Pod Skids fitted to the Sprinkler line. It is best practice to camlock join the Pod line to the Feedline.

Note: Feedlines not to be less than distances from the Hydrant to boundary of spray line area.

Irripod Ltd - a division of **HANSEN**

16 Union East Street, Whangarei 0110

P.O. Box 809, Whangarei 0140

T +64 9 430 4140

F +64 9 430 4141

E sales@irripod.com


irripod
FLEXIBLE IRRIGATION
www.irripod.com

Disclaimer

Whilst every effort have been made to ensure accuracy, neither Irripod Limited nor any employee of the company, shall be liable on any ground whatsoever to any party in respect of decisions or actions they may make as a result of using this information. Irripod reserves the right to make changes without notice to any service or product specification to improve reliability, function or design. Irripod is a registered trademark of Irripod Ltd. © 2006 Irripod Limited. All rights reserved.

Hansen is a registered trademark of Hansen Products (NZ) Limited.