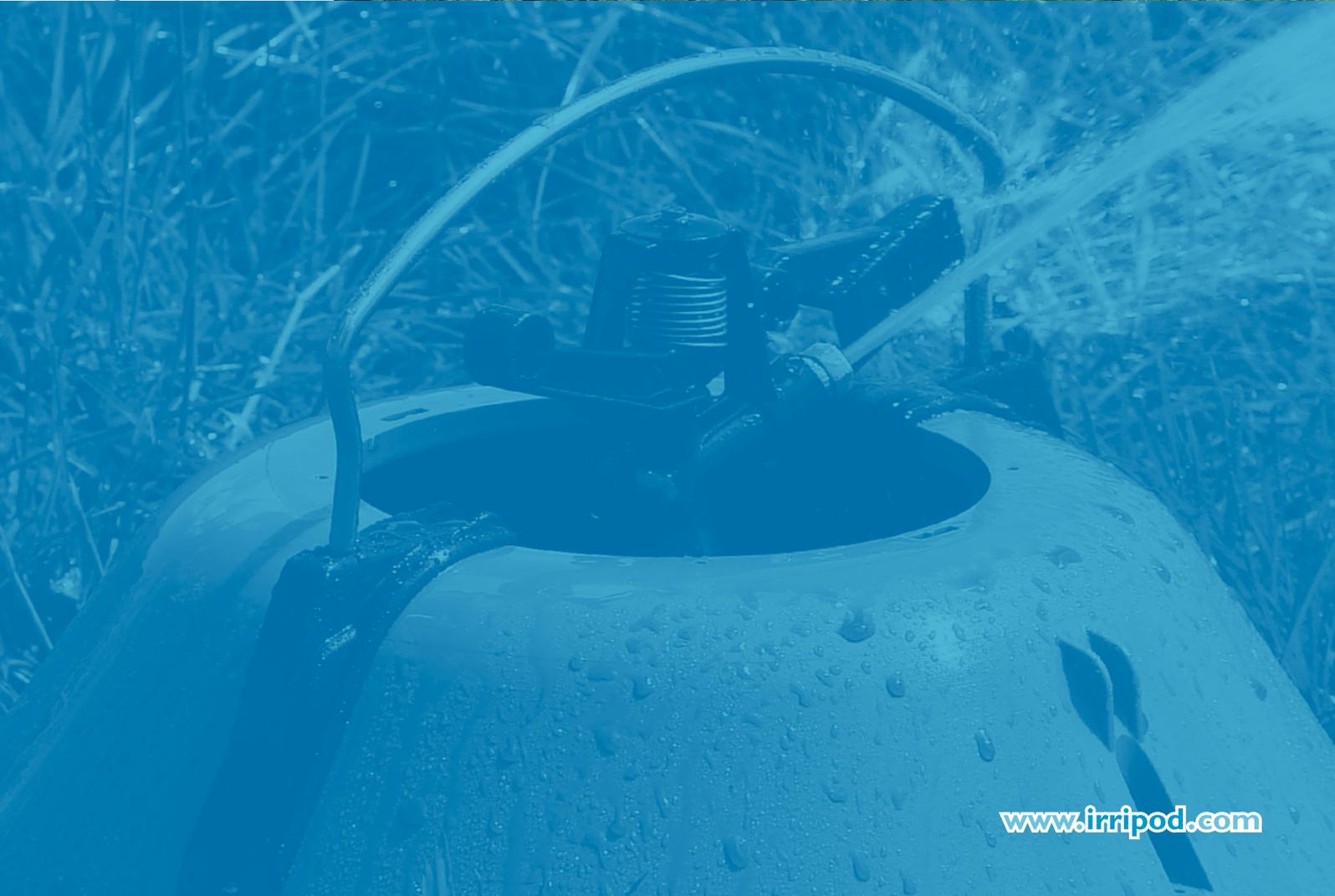


Irripod Plus In-line System



What is Irripod Irrigation?

Irripod Plus is a flexible, cost effective pipeline sprinkler irrigation system for pasture and forage crops.

Designed to operate at low pressure Irripod Plus 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 only requires movement once per 12-24 hour period.

Irripod Plus is a component system that is simple to install and manage. The system utilises protective Pod Skid covers over sprinklers that are attached to an irrigation pipeline. Irripod Plus 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.

Irripod irrigation lines are strong, lightweight and flexible, easily moved while the system is operating by attaching the lines to an ATV or farm vehicle.

The flexibility of Irripod Plus means the system can be configured for many different end uses in addition to traditional pasture and forage crop irrigation; these include orchards, golf courses, sports fields, race tracks, dust suppression in developing housing sub-divisions and bush fire protection.

Advantages of Irripod Plus Systems

Lower Cost of Ownership

- Allows irrigation of more marginal land.
- Simple to add to irrigation scheme as funding allows.
- Low pressure system translates into lower running costs.
- Only requires one person to shift the lines.

Simple Technology

- Easy to understand and manage.
- Does not require specialist skills or tools.

Efficient Water Application

- Low sprinkler height means less wind drift and effective water distribution pattern.
- Mimics natural rainfall allowing for efficient soil water absorption and less runoff.
- Smaller droplet size means less soil compaction.

Versatile

- Able to be used on flat or rolling country and with odd shaped fields.
- Able to be turned on and off without waiting for the irrigation cycle to be completed.
- The system can be left on while livestock are in the field.



Reasons to Specify Irripod Plus

Innovative Robust Design

- Fittings prevent the Pod unit from slipping or twisting on the pipe.
- Wire clip across the top of the Pod provides sprinkler protection against mechanical damage when shifting lines as well as damage from stock.

In Line and Single Pod Component System

- Assembly of the sprinkler to the Pod Skid Base prior to the Pod cover being attached saves on installation time.
- The two piece Irripod can be replaced without cutting or rethreading the pipeline.

Multiple Configuration Options

- Irripod accommodates multiple sprinkler sizes and 32mm (1¹/₄"), 40mm (1¹/₂") or 45mm (1³/₄") irrigation pipe sizing.

'Pop-Up' Sprinkler Option for 40mm (1¹/₂")

- Prevents hoof and leg injury in young stock and sprinkler damage from inquisitive stock.
- Incorporates Nelson R2000 sprinkler with options to regulate.

45 System

- Designed to operate on High Volume 45mm (1³/₄") Irrigation pipe.
- Incorporates 20mm (3/4") sprinklers, allowing for greater coverage and higher water volumes.

Effluent System

- Irripod Effluent Systems distribute liquid effluent on a slow absorption rate.
- Irripod Effluent Systems incorporates 45mm (1³/₄") design technology.
- Internationally recognized Lilac colouring depicting effluent dispersal.

Quality Materials

- High impact UV resistant plastic construction coupled with long life corrosion proof fastenings.

Irripod Plus is a flexible, cost effective pipeline sprinkler irrigation system for pasture and forage crops



Multiple Configuration Options



Irripod Pop-Up Pod



Irripod Lilac Effluent System



Irripod Plus High Visibility Pod



Irripod DIY Black Pod

Operating Guidelines

Irripod Plus System Management

- Moving Times – 12 or 24 hours, dependant 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.

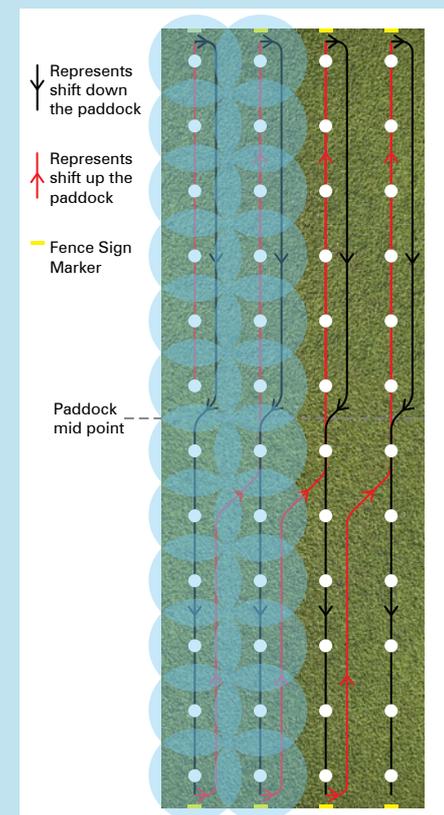
Moving Irrigation Lines

Irripod Plus lines have been designed to be moved whilst still operating. The system can be moved simply and safely with very little effort.

- Movement is typically done by an ATV. Do not exceed ATV manufacturer's recommendations for maximum towing weight.
- Use markers on the fence to align the irrigation line movements at required increments.
- Picking up irrigation lines is done using the Hansen Tow Hook and Tow Rope which is secured to the ATV or other farm vehicle.
- Ensure the ATV or farm vehicle is facing the direction the line is to be towed.
- In one smooth movement proceed to skid the Feed/Sprinkler line towards the marker sign at the other end of the field, keeping the line within a couple of meters of its self for as long as possible to prevent pod rollover. Once line is in place unhook and proceed to next line.



See example below, Shifting your Irripod System



Installing Pod Skids

For a full list of components used in the system please see overleaf

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.



Select the Riser to suit your sprinkler size. Ensure fastening nuts are tightened evenly. Fit O-ring seal to sprinkler riser, locate riser spigot into hole in pipe and fasten the cross tee anchor.



Screw sprinkler into sprinkler riser.



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



Secure top body by screws around the base.



Fix wire clip into opposing holes on body sides.



Screw wire clip holders into the holes provided.



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 Irrigation Pods

Part	Code	Description
	IRRIPOD-WH	Irripod White Cover Black Base 1 x Irripod White Top Cover 1 x Irripod Black Base (7x Cover and Bases in H4 box)
	IRRIPOD-BL	Irripod Black Cover Black Base 1 x Irripod Black Top Cover 1 x Irripod Black Base (7x Cover and Bases in H4 box)

Irripod Tapping Saddle Kits

Part	Code	Description
	TSK32-40LDU	Tap Sad Kit 32-40mm LD U-Bolt - Kit Contains: 1 x Cross Tee Anchor 2 x Plastic Wire Retainer 1 x Irripod Seal 1 x Irripod Wire Protector 1 x Screw Bag (6x10g) 1 x U-Bolt & Nut Bag (2x 8x65mm ubolts, 4x8mm nuts)
	TSK40-45LDU	Tap Sad Kit 40-45 LD U-Bolt - Kit Contains: 1 x Cross Tee Anchor 2 x Plastic Wire Retainer 1 x Irripod Seal 1 x Irripod Wire Protector 1 x Screw Bag (6x10g) 1 x U-Bolt & Nut Bag (2x 8x65mm ubolts, 4x8mm nuts)
	POPKIT40LDU	Pop Up Kit 40mm LDPE U-Bolt - Kit Contains: 1 x Cross Tee Anchor 1 x Pop Up Tapping Saddle Body 1 x Pop Up Piston 1 x Pop Up Screw Cap 1 x Pop Up Top Cover 1 x Pop Up Screw Cap Seal 2 x Plastic Wire Retainer 1 x Irripod Seal 1 x Irripod Wire Protector 1 x O-Ring 1 x Screw Bag (6x10g, 4x6g) 1 x U-Bolt & Nut Bag (2x 8x65mm ubolts, 4x8mm nuts)
	SINGLEKITU	Single Pod Kit 20mm BSP U-Bolt - Kit Contains: 1 x Handle 20mm Female x 25mm Male 2 x Plastic Wire Retainer 1 x SS20 Hansen Socket 1 x SHN20 Hansen Nipple 1 x Irripod Wire Protector 1 x Screw Bag (6x10g, 2x12g) 1 x U-Bolt & Nut Bag (2x 8x65mm ubolts, 4x8mm nuts)
	TSKHYDROU	TS Kit Hydro 32-40mm LD U-Bolt - Kit Contains: 1 x Cross Tee Anchor 1 x Irripod Seal 1 x U-Bolt & Nut Bag (2x 8x65mm ubolts, 4x8mm nuts)

Irripod Parts

Part	Code	Description
	TST32LDH15F	TST 32mm LD High Riser 15FBSP
	TST40LDH15F	TST 40mm LD High Riser 15FBSP
	TST45LDH15F	TST 45mm LD High Riser 15FBSP
	TST32LDL15F	TST 32mm LD Low Riser 15FBSP
	TST40LDL15F	TST 40mm LD Low Riser 15FBSP
	TST45LDL15F	TST 45mm LD Low Riser 15FBSP
	TST32LDLAC	TST 32mm LD Low Riser Acme 1 x O-Ring
	TST40LDLAC	TST 40mm LD Low Riser Acme 1 x O-Ring
	TST40LDL20M	TST 40mm LD Low Riser 20MBSP 1 x SS20 Hansen Socket
	TST45LDL20M	TST 45mm LD Low Riser 20MBSP 1 x SS20 Hansen Socket
	CTA32-40LD	Cross Tee Anchor 32-40 LDPE
	CTA40-45LD	Cross Tee Anchor 40-45 LDPE
	ACME-MF-HA	Acme Male-Female High Adaptor 1 x O-Ring
	ACME-MM-LA	Acme Male-Male BSP Low Adaptor 1 x O-Ring
	ACME-F-MA	Acme-BSP Female Medium Adaptor
	POPPISTON	Pop Up Piston 1 x O-Ring
	POPCAP	Pop Up Screw Cap
	POPSEAL	Pop Up Screw Cap Seal
	POPCOVER	Pop Up Pod Cover Fits all Lepod and Irripod models
	TST40LDPOP	40mm LDPE Pop Up Tapping Saddle Top Fits 40mm LDPE Pipe
	IP-COVER-WH	Irripod White Top Cover

Irripod Parts		
Part	Code	Description
	IP-COVER-BL	Irripod Black Top Cover
	IP-COVER-LI	Irripod Lilac Top Cover
	IP-BASE-BLK	Irripod Black Base 32, 40, 45
	IP-LOWBASE	Black Low Base for 45mm Effluent Pipe for use in Effluent Pack Part C
	IP-WIRE	Irripod Wire Protector
	IP-WIRE-SS	Irripod Wire Protector Stainless Steel
	IP-WIRECLIP	Irripod Wire Retainer Clips
	IP-UBOLTS	Irripod U Bolt Bag 1 x U-Bolt & Nut Bag (2x 8x65mm ubolts, 4x8mm nuts)
	IP-SCREWS	Irripod Screw Bag 1 x Screw Bag (6x10g)
	IP-SEAL	Irripod Tapping Saddle Seal Dimensions: 24.99mm ID x 3.53
	HANDLE25	Handle 20mm Female x 25mm Male
	MANIFOLD	Manifold 4 Way 50mm BSP
	MANIFOLDNPT	Manifold 4 Way 50mm NPT
	TOWROPE	Tow Rope 2 Meter Spliced Ends
	TOWBALL	Tow Ball Yellow

Irripod Parts		
Part	Code	Description
	SIGN 1 to 14*	240mm Fence Sign Yellow No 1 to 14 *order the sign by the code 'SIGN' followed by the number you require on the sign.
	TOWTRAILER	Tow Trailer

Hansen Parts		
Part	Code	Description
	HS32	Straight Coupling-32mm LDPE PIPE
	HS40	Straight Coupling-40mm LDPE PIPE
	HS45	Straight Coupling-45mm LDPE PIPE
	HRS4032	Reducing Straight Coupling-40mm-32mm LDPE PIPE
	HRS4540	Reducing Straight Coupling-45mm-40mm LDPE PIPE
	HMS32	Male Straight Coupling-1/4 BSP-32mm LDPE
	HMS40	Male Straight Coupling-1/2 BSP-40mm LDPE
	HMS45	Male Straight Coupling -2" BSP-45mm LDPE
	HFS32	Female Straight Coupling -1/4 BSP-32mm LDPE PIPE
	HFS40	Female Straight Coupling -1/2 BSP-40mm LDPE PIPE
	HFS40NPT	Female Straight Coupling -1/2 NPT-40mm LDPE PIPE
	HCEP32	Male Camlock-32mm LDPE PIPE
	HCEP40	Male Camlock-40mm LDPE PIPE
	HCEP45	Male Camlock-45mm LDPE PIPE
	HTE32	Tow Eye-32mm LDPE PIPE
	HTE40	Tow Eye-40mm LDPE PIPE
	HTE45	Tow Eye-45mm LDPE PIPE
	HTE50BSP	Tow Eye- 2" BSP
	HTE50NPT	Tow Eye-2" NPT

CONVERSIONS

15mm – 1/2"	40mm – 1 1/2"
20mm – 3/4"	45mm – 1 3/4"
32mm – 1 1/4"	50mm – 2"

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