

500SQ.MTR DRIPLINE KIT

TREADLE PUMP AND PE PIPE KIT





Manufactured by :
Bhinge Brothers
India

www.ecofloindia.com

Product Configuration

Emitter Spacing	40cms (Also available in 30cms and 50cms)
Maximum Area covered	500sq.mtrs
Submain Material	Flexible PE Pipes
Recommended Configuration	Mainline and submain located at the top of the field
Flow rate of emitter	4lph (Also available in 2lph) at 0.8kg/cm2
Maximum running Dripline length per side	70mtrs
Maximum no. of plots	1no.
Maximum Driplines per cock/plot	500mtrs.
Pressure Operating Range	1-1.5bar
Life of the system	2 to 5years (Depending on the dripline thickness)

Kit Contents

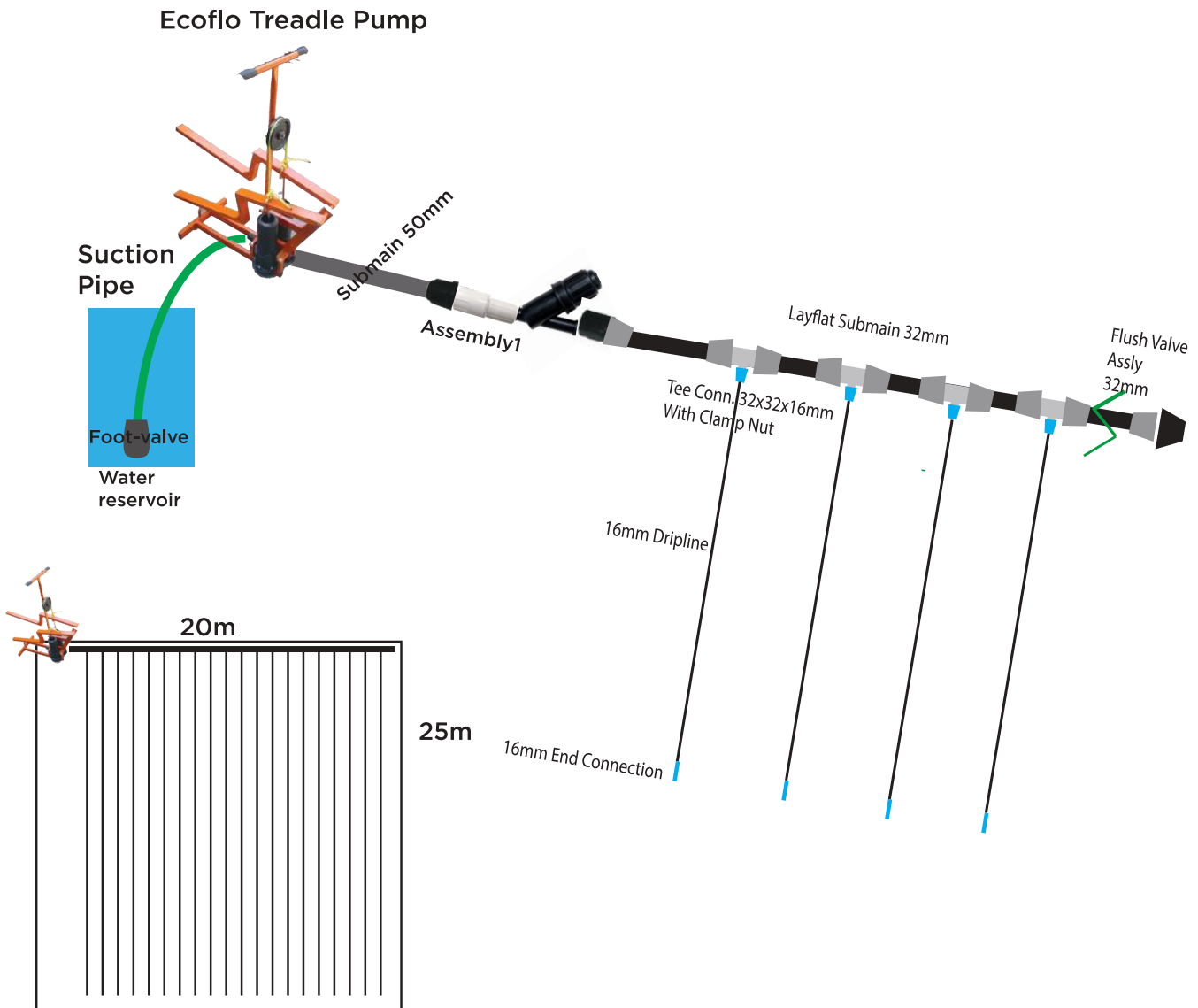
Part No.	Description	Qty.	Pictures/ photos
1	Assembly1: Hose Nipple 50mm with Nut + FTA + Filter 1" + FTA 1"	1	
2	Assembly2: Hose Nipple 1"x32mm with clamp nut + PE Pipe 32mm x 25mtrs	1	
3	Tee Connectors 32x32x16mm with clamp nut	20	
4	Flush valve Assembly	1	

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Part No.	Description	Qty.	Pictures/ photos
5	Dripline (500mtrs)	1	
6	Dripline End Connections	20	
7	Dripline Joiners	5	
8	Teflon Tape	1	

Layout



TYPICAL LAYOUT

(Ecoflo Treadle Pump/ Pump is not incl. in the kit)

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Instructions

1. Assemble your Ecoflo Treadle Pump as shown in the figure.
2. Cut the 50mm Submain Pipe given on the delivery side of the pump to reach the plantation side
3. Connect the 50mm Hose nipple of Assembly1 to the 50mm Submain pipe and then connect the 32mm Hose nipple of Assembly 2 to the FTA of Assembly1.
4. Lay the PE Pipe 32mm on the ground
5. Depending on your row spacing, cut the PE pipe 32mm and insert the Tee connectors 32x32x16mm for dripline outlets. Passively heat the 32mm PE Pipe to easily connect the Tee connectors.
6. Lay your driplines and cut according to your plot dimensions
7. Connect the end connections to end the driplines
8. End the PE Pipe using End Connector
9. Your kit is ready to use.