

1000SQ.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 | 1000sq.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 | 2nos. |
| Maximum Driplines per cock/plot | 500mtrs. |
| Pressure Operating Range | 2-8mtrs |
| Life of the system | 2 to 5years (Depending on the dripline thickness) |

Kit Contents

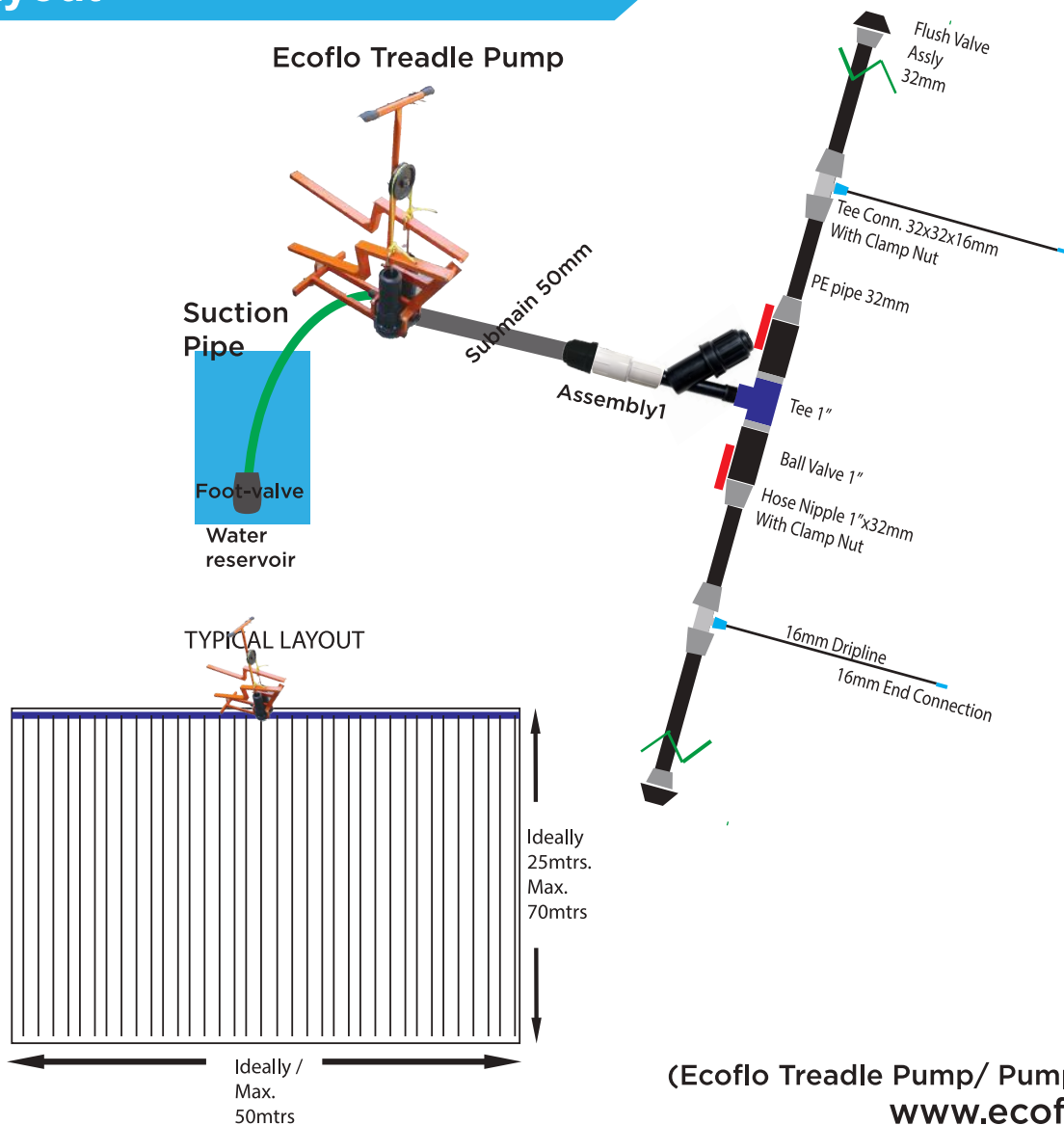
| Part No. | Description | Qty. | Pictures/ photos |
|-----------------|--|-------------|---|
| 1 | Assembly1: Hose Nipple 50mm with Nut + FTA + Filter 1" + Tee 1" | 1 |  |
| 2 | MTC 1" | 2 |  |
| 3 | Ball Valve 1" | 2 |  |
| 4 | Hose Nipple 1"x32mm with clamp nut | 2 |  |

1000SQ.MTR DRIPLINE KIT



| Part No. | Description | Qty. | Pictures/ photos |
|----------|--|------|------------------|
| 5 | PE Pipe 32mm x 25mtrs | 2 | |
| 6 | Tee Connectors 32x32x16mm with clamp nut | 40 | |
| 7 | Flush valve Assembly | 2 | |
| 8 | Dripline (1000mtrs) | 1 | |
| 9 | Dripline End Connections | 40 | |
| 10 | Dripline Joiners | 15 | |
| 11 | Teflon Tape | 1 | |

Layout



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

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. Connect the MTC1" (2nos.), Ball valves (2nos.) and hose nipple (2nos.) to the either sides of the Tee 1".
4. Lay the PE Pipesx25mtrs x 2nos. on the ground and on the opposite sides of the tee.
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 Pipes using End Connector
9. Your kit is ready to use. Use the ball valve to operate one 500sq.mtrs plot at one time.