



JainDripkit™



Jain Dripkit™ - Gravity Drip System for small land holders

Jain Irrigations journey of "working with farmers" continues with a focus on small land holder. Among the small land holders too, majority are without an independent water-source. And their land-holding is less than 1 acre. Such tiny holdings are also fragmented & located in more than one place, independent water-source and electricity is also not available to these farmers. "Jain DripKit" will address all these constraints and will empower the small land holders with a scientific, durable and simple-to-operate Irrigation System.

"Drip Irrigation System which operates on gravity pressure".

Jain DripKit helps to maintain favourable soil moisture conditions to the plants which results in good growth & bumper yields.



JainDripkit™

Gravity Drip System for small Land Holders



Jain DripKit for 30 m² & 100 m² area

Jain DripKit for 250, 500, 1000 & 2000 m² area

Advantages

- No electricity required, operates on gravity.
- Easy to install. Do it yourself.
- Portable system, can be easily shifted.
- Affordable drip systems for small farmers.
- Ideal for tiny & small farmers.
- All items are supplied in one box. Easy to carry.

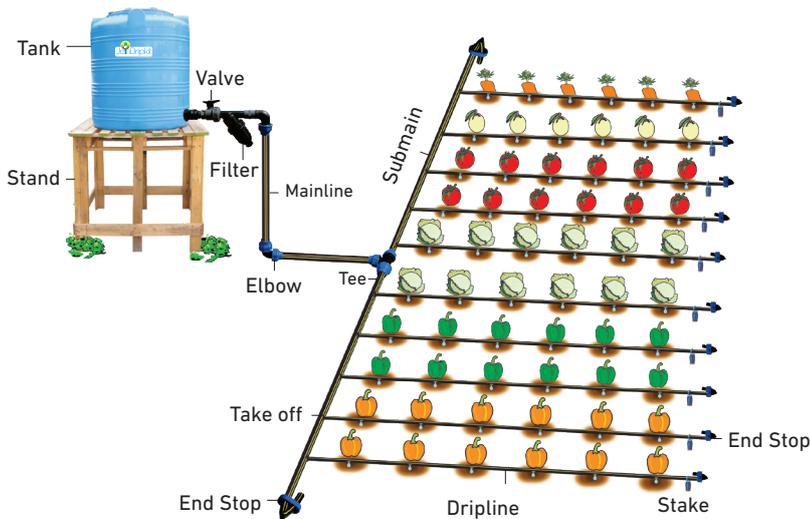
Applications

- Mainly suitable for cultivation of vegetables. Can be used for cereals, pulses, cotton and other closely spaced crops.
- Can be used for irrigation in open fields, Green house/ Net house and nurseries.
- Suitable for Kitchen Gardens and also Himalayan / Hilly (Terrains) where land holding is very small.
- Useful as a survival irrigation tool in rainfed area or water scarcity region or when there is a prolonged gap between rains & / or electricity is not available.

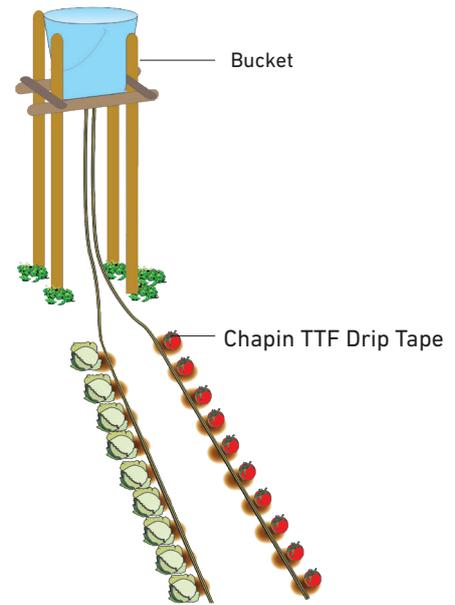
Specifications

- Available in six models (based on area): 30m², 100 m², 250m², 500m², 1000m² & 2000m²
- Available in 3 types of dripline tubing options: (for 250, 500, 1000 & 2000m² area)
 - 1) Thickwall - 12mm J-Turbo Excel® (JTE 1.6 lph, 30 cm spacing & 0.6-0.7 mm thickness)
 - 2) Thinwall - 16mm Jain Turbo Slim® (JTS 1.6lph, 30 cm spacing & 6 mil (150 micron))
 - 3) Thinwall - 16mm Chapin™ TTF (0.95 lph, 20cm & 6mil (150 micron))

Jain DripKit Schematic layout (for 100, 250, 500, 1000 & 2000 m² area)



Jain DripKit BT Schematic layout (for 30 m² area)



Note: Bucket/Tank & stand are not the part of standard Kit.

Jain DripKit with Solar Pump

A revolution is taking place in how water is being pumped in remote locations beyond the reach of electric power lines. Solar power has proven to be an ideal way to lift water for drinking, sanitation, stock tanks, and irrigation.

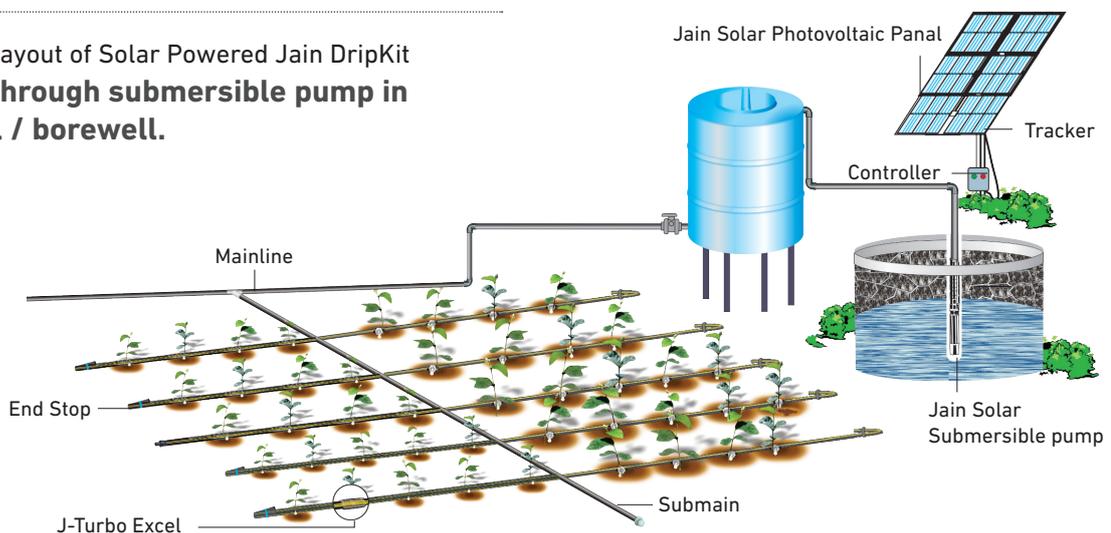
Solar Photovoltaic (PV) panel is one of the the simplest possible way to generate electricity beyond the reach of power lines. It has no moving parts and last for decades with virtually no maintenance. Solar power is no longer an expensive, experimental energy source.

Jain Irrigation Systems Ltd. offers an effective solution: "Jain Solar Powered Drip irrigation system" especially designed for farmers, who do not have access to conventional power and has small land holding. The solar pumps have Brushless DC motors which receives power from the PV panels. This system does not have any batteries. Hence the solar pumps start early in the morning & continue to work till late evening.

Key features

- 1) Jain solar pumps are available in surface & submersible types.
- 2) One can optionally use solar trackers, with which the discharge can increase by around 20 to 25%
- 3) Solar energy is available in abundance. It is the most reliable source of energy.
- 4) Solar powered pump will give freedom from the power cuts and load shedding.
- 5) Cost of conventional energy is high and it is becoming dearer.
- 6) No manpower required to operate the system. System starts automatically with the first ray of sun and shuts off when sun sets.
- 7) No power and /or fuel cost to operate pump/drip system.

Schematic layout of Solar Powered Jain DripKit Sourced through submersible pump in open well / borewell.



Ordering Guide for Jain DripKit

Area to be covered (m ²)	Code	Item Description
30	JDKBC160966030	JAIN DRIPKIT BT 30 m ²
100	JDKC160966100	DRIPKIT CHAPIN 16 MM 0.95 LPH 6MIL 100 m ²
250	JDKS159166250	DRIPKIT JAIN TURBO SLIM 15.9 ID 1.6 LPH 6MIL 250 m ²
	JDKC160966250	DRIPKIT CHAPIN 16 MM 0.95 LPH 6MIL 250 m ²
	JDKE12162250	DRIPKIT JAIN TURBO EXCEL 12 MM 1.6LPH CL2 250 m ²
500	JDKS159166500	DRIPKIT JAIN TURBO SLIM 15.9 ID 1.6 LPH 6MIL 500 m ²
	JDKC160966500	DRIPKIT CHAPIN 16 MM 0.95 LPH 6MIL 500 m ²
	JDKE12162500	DRIPKIT JAIN TURBO EXCEL 12 MM 1.6LPH CL2 500 m ²
1000	JDKS1591661000	DRIPKIT JAIN TURBO SLIM 15.9 ID 1.6 LPH 6MIL 1000 m ²
	JDKC1609661000	DRIPKIT CHAPIN 16 MM 0.95 LPH 6MIL 1000 m ²
	JDKE121621000	DRIPKIT JAIN TURBO EXCEL 12 MM 1.6LPH CL2 1000 m ²
2000	JDKS1591662000	DRIPKIT JAIN TURBO SLIM 15.9 ID 1.6 LPH 6MIL 2000 m ²
	JDKC1609662000	DRIPKIT CHAPIN 16 MM 0.95 LPH 6MIL 2000 m ²
	JDKE121622000	DRIPKIT JAIN TURBO EXCEL 12 MM 1.6LPH CL2 2000 m ²

NOTE : "Jain DripKit" can also be supplied with Solar Operated Pump (at cost). Please contact head office for further details.



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JAIN DRIPKIT - ENERGYFREE, EFFICIENT & ECONOMICAL



Tel: +91-257-2258011; Fax: +91-257-2258111; E-mail: jisl@jains.com; Website: www.jains.com; Toll Free: 1800 599 5000

