





 **emmvee spowdi**


Emmvee Spowdi pvt LTD.

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For a greener tomorrow

Grow more food with less water and zero emissions. Our patented Spowdi Mobile Pro solution brings you the world's most energy-efficient drip irrigation water distribution system.

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spowdi.com



Get more food and use less water with the Spowdi system.

There are about 500 million small-hold farms worldwide that produce one-third of our food and employ up to two billion people. While small-hold farms use land and resources more efficiently, they are most susceptible to climate change and depleting water tables. We aim to change this.

Spowdi is igniting an agricultural evolution powered by the sun. Our Smart Farming solar-powered drip irrigation system enables small-hold farmers to move and save water with help from the sun, thus securing an efficient and profitable food production, and leaving the fossil fuel era behind.

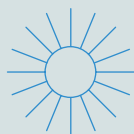
The benefits of the system



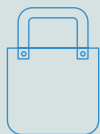
Larger harvests at a lower cost



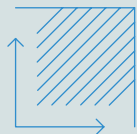
Up to 80% of water saved



Solar-powered and emission-free



Lightweight and robust



Up to one acre of coverage



Time saved for other activities

Want to learn more about the benefits of the Spowdi system? Visit spowdi.com or contact us for more information!

Technical specifications for Spowdi Mobile Pro MK II

Capacity for micro-irrigation on one acre of flat land

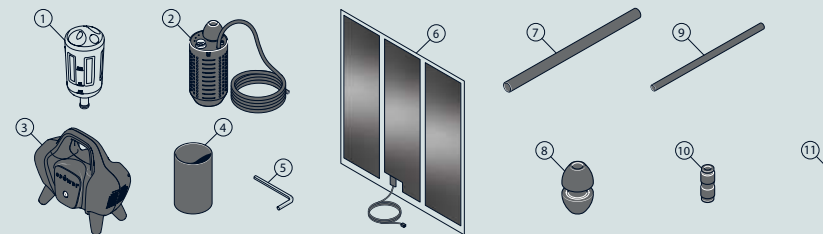
PV array	Motor capacity	Head	Water output L/min (2)	Water output L/day (3)
150Wp	0,1 hp	10 meters (1)	10,5	6 300
150Wp	0,1 hp	5 meters	26,5	15 900
150Wp	0,1 hp	1 meter	35	21 000

(1) Head >5m not recommended when used for drip irrigation

(2) Solar panel, tubes, hoses, fittings and instructions recommended by Spowdi

(3) Sun radiation is >750 w/sqm

System components



1. Pressure vessel with t-connector	7. Water Hose Ø25 mm
2. Pump unit with air tube 8 mm	8. Straight connector 25 mm
3. Power management box (PMB)	9. Air outlet tube Ø16 mm
4. Extra Membrane	10. Straight connector 16 mm
5. Spowdi tool	11. Straight connector 8 mm
6. 150-watt Solar panel	

Packaging dimensions

Solar pump
Box: 430x450x260 mm
Weight: 6 kg
Boxes per pallet: 20 pcs

Solar panel
Box: 760x1125x70 mm
Weight: 8 kg
Boxes per pallet: 20 pcs