

Equipment Kit Bag Contents

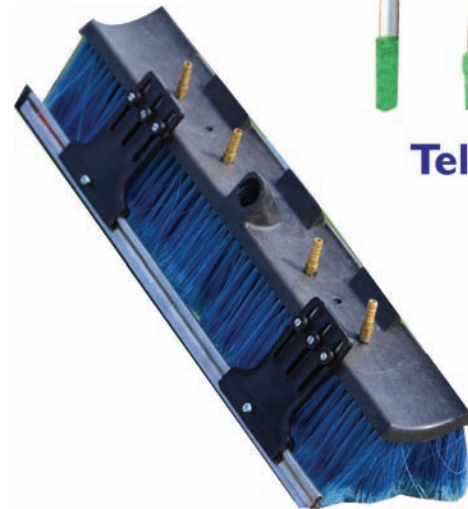
- ✓ Quick connection hose kit
- ✓ 1 Solar Panel Cleaning Brush (450mm) with 4 water outlet jets
- ✓ 1 Cranked Joint pipe Adjust tool to clean any angle up to 300 degrees
- ✓ 1 Water supply valve (on/off)
- ✓ 1 Water squeeze set
- ✓ 3 "Y" joint
- ✓ 55 cms water squeeze replacement rubber 3no's
- ✓ Telescopic Poles sizes 6meters, 4meters, 2.5meters
- ✓ Single Pole 1.4meters



Telescopic Poles



Easy to Storage



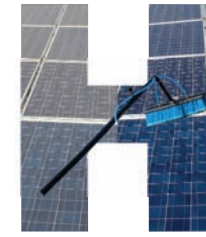
Roof top Cleaning Brush



Table top Cleaning Brush

CONTACT US :

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HARSHA SOLAR PANEL CLEANING SYSTEM

(Make in India)



HARSHA ENTERPRISES

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Introducing India's first 3 in 1 solar panel system an innovative product, from Harsha Enterprises (sister concern of S. K Enterprises). This unique product can support wet cleaning, scrubbing & drying of solar panel.

OUR INDUSTRY EXPERIENCE

S.K Enterprises has been serving needs for corporates & industries to meet their cleaning needs for more than two decades with excellent track record in states of Telangana & AP.

Why Harsha Solar Panel Cleaning System?

We have observed that with growing market needs & highly competitive prices of products, industries are trying to reduce costs and at the same time improve productivity. With increasing costs and lesser profit margins often companies try to minimize operational expenditure to increase revenues. In today's competitive market, in spite of huge investments, derived effectiveness of cleaning Solar Panel is not achieved primarily because of high labour costs. We have also observed that companies are trying to find out innovative methods to maintain Solar Panels for best possible productivity. Harsha's 3in1 Solar Panel Cleaning System has been developed with our vast experience in cleaning in response to the challenges faced by solar power generation industries.

S.K Enterprises have developed a unique and innovative solution to respond to solar panel cleaning needs. With Harsha's 3 in 1 Solar Panel Cleaning System, solar power generation industries can save time, money & investment in cleaning and maintaining solar panels. As the solar panel is key in generating power, it is very important to keep panels clean to increase & optimize power output. Our product can help solar industries to maintain & clean solar panels in a cheaper, faster and easier way. It helps in increasing power output from solar panels.

We have observed that in solar industries, there is a huge challenge to meet water requirements to clean and maintain solar panels. As per our estimate, it takes almost 12000 liters of RO water to maintain 1MW solar panels. Our product has been built indigenously keeping in view the Indian conditions and doesn't require RO water for cleaning, so it saves RO water cost. Our product will deliver much cleaner panel using just liter standard water and will improve the efficiency of the solar panels

KEY FEATURES OF 3 IN 1 SOLAR PANEL CLEANING SYSTEM

- ✓ Easy to assemble 3 in1 equipment
- ✓ Ergonomically convenient operating controls
- ✓ Immediate cleaning results can be assessed and achieved.
- ✓ Can extend up to 20 feet length
- ✓ Ideal cleaning coverage time is 33 sqft per minute.
- ✓ Water consumption for 33 sqft is 3 liters of soft water – No RO Water required
- ✓ Occupies less storage space for safe storage of cleaning equipment



HOW PRODUCT WORKS

Harsha's 3 in1 Solar Panel Cleaning System would require running (soft) water supply to operate. When compared to other solar panel cleaning systems, no need to use RO water during cleaning of panels. Harsha's 3 in1 Solar Panel Cleaning System will deliver results in following sequence:

WETTING AND SCRUBBING OF PANELS :

With continuous water supply and easy operating water supply valve, operator will regulate water supply into the cleaning system. Once water supply and appropriate water pressure is determined, operator can start working on cleaning panels. The solarpanel cleaning brush will scrub the panel to remove out adhesive dirt accumulated on the panel. Excess dirt will be mashed out from panels with continuous water supply.



SCRUBBING & DRYING OF PANELS

After removing the excessive dirt from panel, operator will then stop the water supply. With SolarPanel Cleaning Brush & water squeeze excess water will be wiped from the solar glass panel to give instant dry panel.

During this entire cleaning process, there is no need for the operator to change or modify the equipment which saves time as well. Also, the cleanliness of the panel can be assessed immediately. When compared with other cleaning systems, it has least after dirt marks on the panel.

PRODUCT BENEFITS

- ✓ No external power source required to operate the equipment
- ✓ No RO Water required, works with any type of soft water
- ✓ Instant cleaning of solarpanel – cleaning output can be viewed on the spot
- ✓ Increase in power output up to 30%* from each panel
- ✓ Easy assessment on quality of cleaning work – avoid rework.
- ✓ Effective utilization of resources (both water & manpower) – up to 60% of savings*
- ✓ User Friendly technology –no prior cleaning experience or training required
- ✓ Exponential decrease in manpower costs – up to 50% of labor cost savings*
- ✓ Eco-friendly and 100% recyclable material used
- ✓ Adjustable Cranked Joint to clean any angel of structure cleaning & Roof top

* Under Standard Conditions