



PvSpin™

Features and Benefits

- Robust and powerful water hydraulic axial piston motor
- Lightweight construction allows for easy operation
- Automatic guidance along the module frames ensures total coverage, every time
- Counter-rotating brushes allow for removal of dirt and other contaminants without the use of chemicals
- Patent pending technology



PvSpin – The practical and easy-to-handle module cleaning device

Module cleaning devices have long consisted of telescopic rods with cleaning brushes affixed to the top. The PvSpin is the first of its kind; a consistently effective, easy-to-handle module cleaning system powered by water pressure.

PvSpin works on the basis of two durable rubber brushes rotating in opposite directions, removing dirt and other contaminants from the module surface. In test operations, the PvSpin cleaned 20kW per hour. The device follows the module frames, ensuring that each panel is cleaned completely and effectively.

Lightweight and easy to handle, the PvSpin can be guided from the ridge of the roof and safely operated by one person. Tough dirt, bird droppings, and other debris are easily removed by the rotation of the durable rubber brushes and filtered water.

PvSpin is subject to modification. For more information on the PvSpin, or other Schletter products, please contact us at (520) 289-8700 or visit www.schletter.us.

Warning: When operating the PvSpin from the ridge of the roof or from any point on or near the roof, there is a danger of falling off the roof. Additionally, if one were to step on modules, there is a danger of sliding. Persons working on roofs should wear a safety harness or a safety scaffold should be installed. Please read PvSpin operating instructions before use.

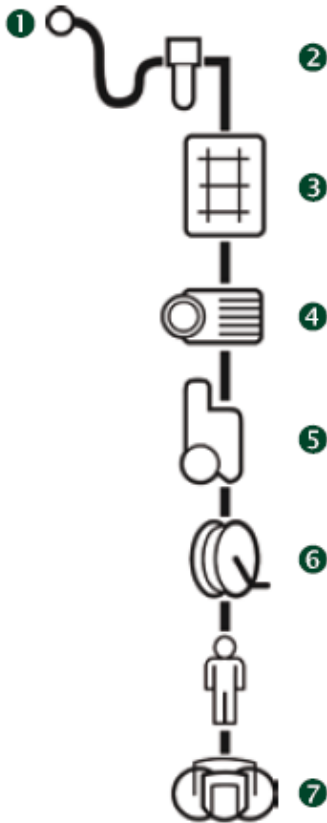


(picture may differ from actual product)



Technical Data

Recommended system set-up



1. Standard hose connected to a water inlet valve.
2. Water filtering system with a flow rate capacity of 2 m³/h
3. Buffer tank: To avoid dry running in the high pressure pump of the PvSpin. If there is not sufficient water pressure, utilization of a standard pallet tank with a capacity of 1000 liters is recommended.
If using rain water, always ensure that it is sufficiently pre-filtered
4. Pump: Positioned between the tank and high-pressure cleaner with a minimum flow rate of 2000 l/h. If a self-priming high-pressure cleaner is used, no pump is required.
5. High-pressure cleaner, possibly heatable. Please be mindful of the safety information for the high-pressure cleaner.
6. Hose reel with crank including rotary water feed-through
7. Inlet pipe to the PvSpin: DN8 high-pressure hose, possibly with extension. Connector M 22x1.5

Item No. 182019-001 - PvSpin without accessories

Length:	3.6 ft / 1100 mm
Width:	1.7 ft / 520 mm
Weight:	about 55 lbs
Brush diameter:	1.7 ft / 520 mm
Operating pressure:	min. 130 bar / max. 160 bar
Operating flow rate:	min. 10 l/min / max. 25 l/min

Accessories and spare parts

Name	Item No.
Brushes for PvSpin:	979000-349
Gear ring	979000-357
Driving belt	979000-358
Exchange filter	990000-288
High pressure hose	979000-354