

POWERDUCT

Installation/Maintenance Instructions

The Powerduct Carrier System will require a level surface on which to operate. A supportive guide tray is recommended beneath the lower section.

1. Lay the Powerduct flat on floor with the working radius facing upwards. Thread the cable and/or hoses through the Powerduct allowing a sufficient length at each end for connections.
2. Secure the fixed end mounting brackets to a rigid support.
3. Fasten the moving end mounting brackets to the tow arm of machine in direct alignment with the fixed end brackets.
4. Complete all cable/hose terminations. The cables/hoses must not be twisted and shall be free of kinks or other irregularities. The maximum allowable volumetric fill of the Powerduct compartment is 60 percent cables/hoses. This will insure freedom of movements to prevent erratic Duct operation and premature cable/hose failure.
5. Operate the machine slowly throughout the total travel stroke to insure the Duct is running true and travel limits are not exceeded.
6. Adjust cable/hose tension to help prevent twisting and premature wear. They must lay within the loop section of the Duct in a relaxed condition--not pulled tight against the inside surface--and follow a straight path through the entire length of the Duct. Secure the cables/hoses at both ends of the Duct, near the mounting brackets to prevent any movement relative to the Duct.
7. No lubrication is required. To clean the Powerduct, periodically wipe with rag or blow dirt and debris away with air pressure.
8. Periodically inspect for cable/hose wear, Duct wear and breakage, mounting brackets secure and cable/hose terminations.

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