

When dressing up a robot there is often challenges related to hose management, especially in cases when the UniGripper will be rotating so much that the vacuum hose connection on the tool passes under the robot arm. Our solution to this problem was to develop the swivelling robot spacer, the Swibot, where the vacuum connection is integrated with the robot connector. With this arrangement, the hose or pipe can be mounted solid to the robot and all issues with an errant hose are history.

The swibot connector is designed in sizes for hoses with inner diameter 63, 76, 102 and 125mm. The robot connection is customizable to the robot of your choice.

The swibot can be used on grippers with or without floating attachment. When used with floating attachment, extra hose is needed to make air passing from the main gripper chamber to a chamber on the floating attachment.

