

General Description (part 1)

Wallace's 'Shopper' is a remote-controlled, automated shopping device comprising a conventional shopping trolley to which has been added a motor driving the two rear wheels, a front wheel for steering, a video camera, two articulated arms and associated control components and wiring. The model shown here is 'Shopper 13', this being the device's 13th trip to the shops.

Shortly after the Shopper sets out on a trip (or 'mission'), compressed air expressed through nozzles is used to jettison a panel on either side of the main compartment. This allows for the deployment of two fully articulated arms and hands, which are controlled through a set of gears, pulleys and actuators on either side. Overall navigation and command is performed by remote from 'mission control' (the cellar of 62 West Wallaby Street).