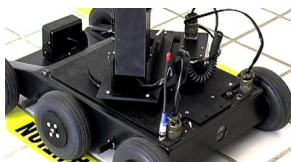


# MURV-100 Robot System



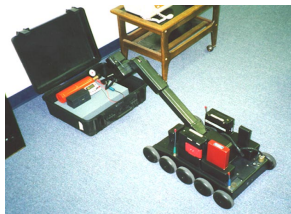
High-rise arm (above) and standard arm (right) are interchangeable



Optional turntable rotates either arm sideways for viewing, handling and disrupting



MURV-100 can take X-ray



MURV-100 can also be outfitted with up to 4 SIMs (sensor interface modules) to deal with WMDs (weapons of mass destruction) comprising bio/blister/nerve agents, toxic gases, explosives, radioactive materials and other threats

Standard arm attaches with push-and-click bayonet mount, elevates  $\pm 45^\circ$

Color video camera with built-in LED floodlight

Wrist with  $360^\circ+$  continuous rotation and  $\pm 90^\circ$  elevation

Force-control grippers with interchangeable gripper pads and hooks

Elbow articulates through  $\pm 90^\circ$

Video antenna

B/w pan/tilt driving camera with LED floodlight

Control via RF or fiber-optic cable to 300m

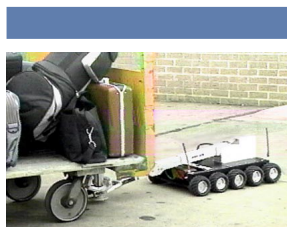
Control antenna

Reversing camera b/w with LED floodlight

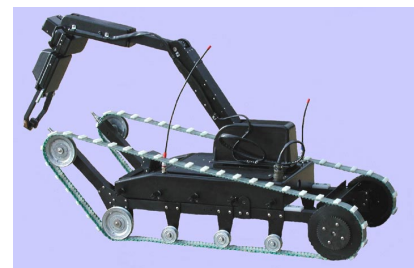
10 standard wheels can be switched for 6 large wheels, or tracks



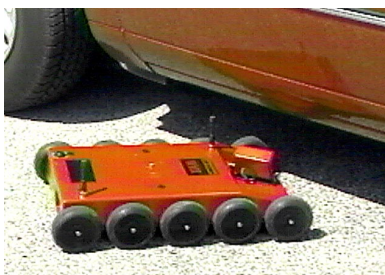
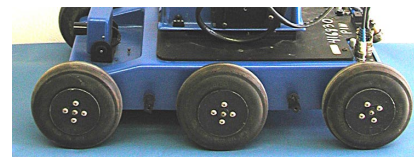
("MURV" means Multi Use Robot Vehicle)



MURV-100 can pull airport luggage cart and lift 22.7kg



MURV-100 on track assembly (above) or on large wheels (below), both field-installed



With arm taken off and using its pan/tilt driving camera, MURV-100 performs rapid inspections under vehicles



Small enough for car trunk, light enough to hand-carry



MURV-100 can fire recoilless disrupters at elevations up to 235cm (example: airplane overhead luggage bin) and down to ground level (example: pipe bomb). Disruptors fired here are Proparms 20mm Recoilless Units

