

telemax™ EVO Hybrid

TELEROB
— An ABB Company —



The telemax EVO HYBRID is a versatile UGV designed to be operated by emergency responders. It is ideally suited for operation in confined spaces (airplanes, underground trains and buses) featuring a strong 6-axis precision manipulator with Tool Center Point Control and automatic tool exchange. Its 4-track drive system with auto-leveling can easily handle multiple gradients, gaps and terrains. An expansive payload bay and automatic tool exchange allow operators to take multiple tools, disruptors or other sensors downrange, eliminating round-trip load-outs. Onboard IP Mesh radio delivers secure communications in complex urban environments and the optional HD pan-tilt-zoom camera produces razor-sharp images with four simultaneous video feeds (QuadView). All Telerob UGVs feature the intuitive and operationally simplified Robo Command Control Station with multi-touch screen, pre-programmed motion sequences and ergonomically designed hand controllers for precision control of the robot, manipulator and accessories.

Compact & Powerful for Tough Challenges

TELEMAX™ EVO HYBRID

_Distinctions



LIFTING CAPACITY
37 kg (82 lb)



TOOL EXCHANGE
Mission Configurable



MISSION DURATION
Up to 10 hr



CLIMB STAIRS AND SLOPES
45°

_Specifications

TOTAL PAYLOAD CAPACITY	31 kg (68 lb)
SPEED	Max. 10 km/h (6.2 mph)
DIMENSIONS	815 mm x 400 mm x 770 mm (32 in x 16 in x 30 in)
WEIGHT	Max. 80 kg (176 lb)
DRIVE MECHANISM	4-track running gear with individually adjustable flippers; optional wheels
FUNCTIONALITY	Obstacle Height: 500 mm (20 in) Gap Width: 600 mm (24 in)

[INTERCHANGEABLE ACCESSORIES]



OPTICS/ VISUALS



UGV COMMS



POWER SOURCES



WHEELS/ TRACKS



TOOL STORAGE & EXCHANGE



RENDER SAFE OPTIONS

[MISSION VARIANTS]



EOD
Explosive ordnance disposal



HAZMAT
Hazardous materials



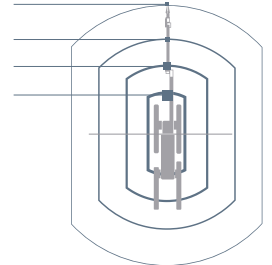
CBRN
Chemical, biological, radiological, nuclear & explosives



SWAT
High risk law enforcement operations

[LIFT CAPACITY AT DISTANCE]

7.5 kg (16.5 lb)	//	1560 mm (61 in)
12 kg (26 lb)	//	1200 mm (47 in)
20 kg (44 lb)	//	950 mm (37 in)
37 kg (82 lb)	//	600 mm (24 in)



ROBO COMMAND
Interoperable controller, radio & communications—reducing operation, training & logistics



_Key Features

- › 6-axis precision manipulator
- › Tool Center Point Control—Provides versatility in manipulator movement
- › Fully integrated 2-way audio module
- › HD pan-tilt-zoom camera available—Displays four video feeds (QuadView)
- › Versatile 4-track drive system—handles gradients/obstacles/gaps
- › Easy access to pre-programmed manipulator & flipper motion sequences
- › IP Mesh Radio Network with optional repeaters provide secure & resilient communications over extended ranges
- › Plug-n-Play swappable cameras and tools for rapid reconfiguration