

telemax™ EVO PLUS

TELEROB
An AVS Company



The telemax EVO PLUS is the largest, most powerful telemax UGV, making it ideal for EOD, HAZMAT, CBRNE and High Risk Law Enforcement operations. Combining heavy lifting capacity with precise movement, its 6-axis manipulator features Tool Center Point Control, providing humanlike control. Its 4-track drive system with auto-leveling provides the ability to easily handle multiple gradients, gaps and terrains. A double 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 onboard 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.

Largest and Strongest Heavy Lift Capable

TELEMAX™ EVO PLUS

_Distinctions



LIFTING CAPACITY
80 kg (176 lb)



TOOL EXCHANGE
Mission Configurable



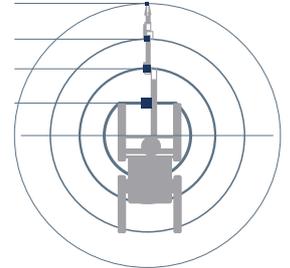
MISSION DURATION
Up to 12 hr



CLIMB STAIRS AND SLOPES
45°

[LIFT CAPACITY AT DISTANCE]

15 kg (33 lb) // 1530 mm (60 in)
25 kg (55 lb) // 1180 mm (46 in)
45 kg (99 lb) // 810 mm (32 in)
80 kg (176 lb) // 300 mm (12 in)



_Specifications

TOTAL PAYLOAD CAPACITY	70 kg (154 lb)
SPEED	5 km/h (3.1 mph)
DIMENSIONS	870 mm x 680 mm x 740 mm (34 in x 27 in x 29 in)
WEIGHT	113 kg (249 lb)
DRIVE MECHANISM	4-track running gear with individually adjustable flippers
FUNCTIONALITY	Obstacle Height: 400 mm (16 in) Gap Width: 500 mm (20 in)



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

[INTERCHANGEABLE ACCESSORIES]



OPTICS/VISUALS



UGV COMMS



POWER SOURCES



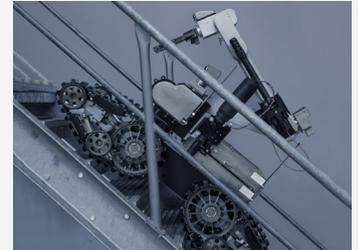
TRACKS



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

_Key Features

- > 6-axis precision manipulator
- > Tool Center Point Control—Provides versatility in manipulator movement
- > Fully integrated 2-way audio module
- > Automatic tool exchange—double payload bay
- > 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

