

telemax EVO HYBRID

The best of both worlds:
Compact and strong!

FEATURES

- Strong precision 6-axis manipulator with Tool Center Point (TCP) control and automatic tool change
- Modern, sustainable operating concept Robo Command with multi-touch screen and ergonomic design
- Modular radio module for IP Mesh radio transmission with optional repeaters
- Reinforced axes
- Lifting capacity up to 37 kg (82 lbs.)
- Compact dimensions
- 4-track drive system with a top speed of up to 10 km/h (6.2 mph)
- HD Pan/Tilt/Zoom camera and simultaneous display of four video feeds (quad view)
- Fully integrated 2-way audio module
- Pre-programmed automatic motion sequences for manipulator and flippers
- Interchangeability of accessories within the telemax family, e.g. batteries, tools, cameras and sensors

BENEFITS

- Intuitive control of complex manipulator movements
- Intuitive touch controls based on applications known from tablets and smartphones
- Quick and smooth change of radio modules within one telemax fleet
- Ideal manipulator for working with heavy tools and firing systems
- Precise operating even with heavy objects in confined spaces
- Extreme mobility to overcome stairs, slopes, gaps and obstacles up to 50 cm (20 inches)
- High-resolution image quality
- Reliable two-way communication
- Easy access to predefined automatic motion sequences
- Excels in a wide variety of applications



TECHNICAL DATA

LENGTH	815 mm (32 inches) (system in transport position)
WIDTH	400 mm (16 inches)
HEIGHT	770 mm (30 inches) (system in transport position w/o options)
MANIPULATOR, UPWARD REACH	2505 mm (99 inches)
MANIPULATOR, FORWARD REACH	1610 mm (63 inches)
MANIPULATOR, DOWNWARD REACH	1145 mm (45 inches)
WEIGHT	Standard speed version: 78 kg (171.9 lbs.) (standard configuration w/o battery) High speed version: 80 kg (176.3 lbs.) (standard configuration w/o battery)
SPEED	Standard speed version: max. 4 km/h (2.4 mph) High speed version: max. 10 km/h (6.2 mph)
MOBILITY (STAIRS & SLOPES)	45° (depending on surface)
MOBILITY (OBSTACLE HEIGHT)	500 mm (19.6 inches)
MOBILITY (GAP WIDTH)	600 mm (23.6 inches)
FORDING DEPTH	266 - 660 mm (10.4 - 25.9 inches) (depending on flipper position)
FIRING CHANNEL	3
PAYLOAD RANGE	31 kg (68.3 lbs.) (total)
FLIPPER SWIVELING	-85° to +80°
TIME OF OPERATION	NiMh battery (24 V, 15 Ah): Approx. 2 h with 1 battery; approx. 4 h with 2 batteries Li-ion battery (26 V, 40 Ah): Approx. 5 h with 1 battery; approx. 10 h with 2 batteries

Technical data ±0.5% tolerance

