



L3HARRIS®
FAST. FORWARD.

T7™ ROBOTIC SYSTEM

Unparalleled power, precision and performance

PLATFORM SPECIFICATIONS	
Weight	710 lbs (322 kg), with arm and batteries installed
Dimensions	47.3 L x 27.6 W x 45.7 H in (120.1 L x 70.1 W x 116.1 H cm)
Power	8+ hour runtime (depending on task) 12 BB-2590 batteries
Speed	4.5 mph (7 kph)
Mobility	Skid steer track system Climbs stairs and slopes over 45° Traverses lateral slopes over 30°
Cameras	2 driving cameras (front, rear) PTZ mast camera with 30x zoom Zoomable gripper camera and optional mid-arm camera 4 fender-mounted corner cameras
Radio	LOS range: 3300+ ft (1000+ m) NLOS range: 1000+ ft (300+ m)
Environmental	-4°F to +140°F (-20°C to +60°C) operational EMI-shielded for use with active jammers Maximum fording depth: 10 in (25.4 cm) IP56 sealed

MANIPULATOR SPECIFICATIONS	
Reach	87 in (2.2 m) horizontal; 122 in (3.099 m) vertical
Lift Capacity	250+ lbs (113+ kg) near chassis; 60+ lbs (27+ kg) at full extension
Gripper	Force-sensing gripper with non-conductive wire cutter
Disruptors	Supports up to 4 total disruptors, including up to 2 large disruptors (PAN, PIGSTICK, HOTROD, RE70, etc.)

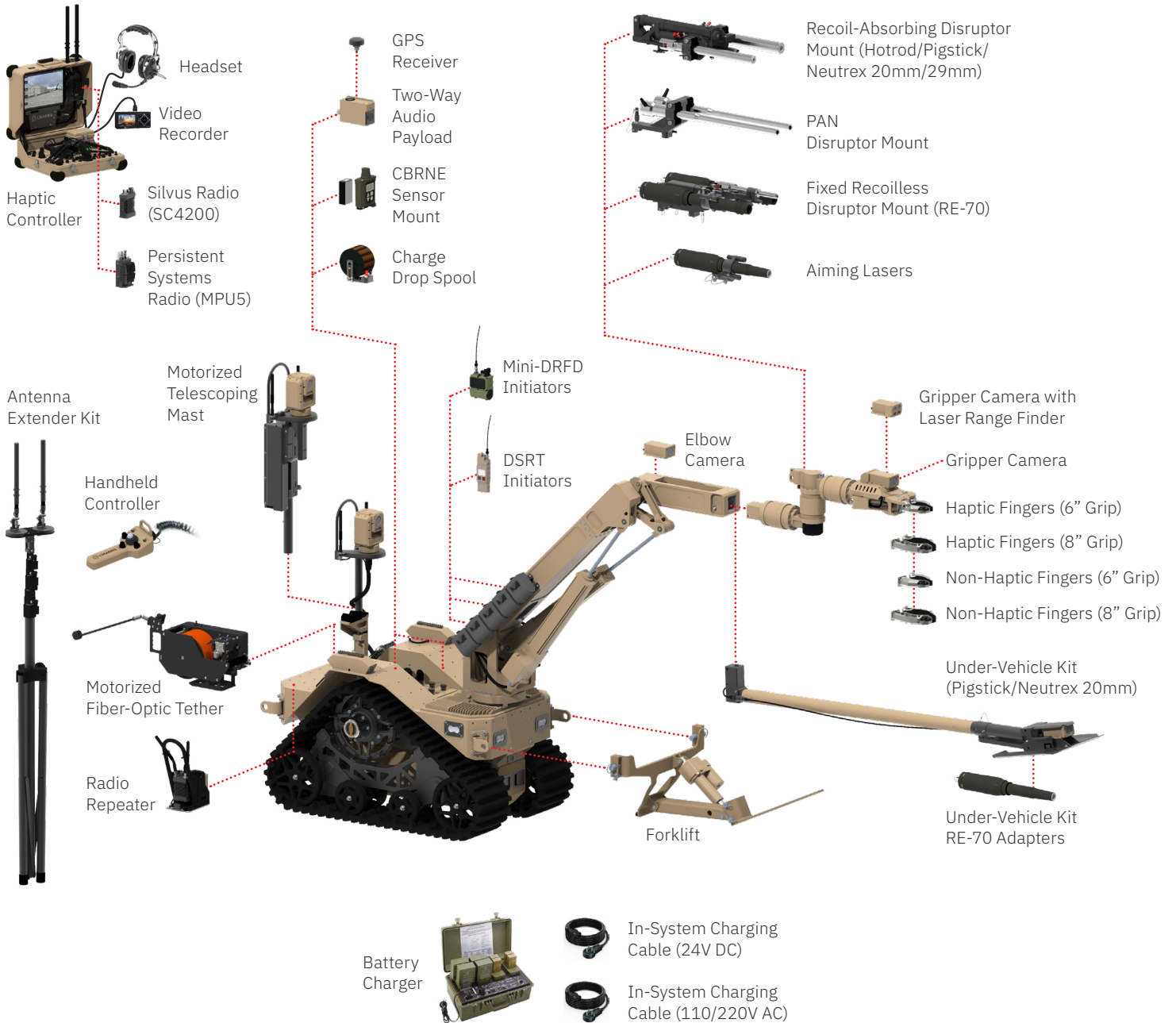
HAPTIC CONTROLLER SPECIFICATIONS	
Weight	35 lbs (16 kg) (including battery)
Dimensions	18.7 L x 16.2 W x 9.2 H in (47.5 L x 41 W x 23.4 H cm)
Power	6+ hour runtime 1 BB-2590 or external 24-30 VDC power
Controllability	Manipulator presets (standard and user-defined) Manipulator motion rewind function
Audio/Video	Daylight-visible display



BENEFITS

- > Unparalleled precision and human-like dexterity improve mission effectiveness
- > Intuitive controller reduces cognitive burden and shortens task completion time
- > Minimal training time reduces total lifecycle costs and improves retention
- > Robust, ruggedized design offers high availability and minimal repairs compared to other bomb disposal robots
- > Common controller and parts shared with T4™ robot allow for integrated missions, reduced training and equipment costs, and easy deployment
- > Rapid reconfiguration enables T7 to meet evolving mission requirements

T7 PAYLOADS AND ACCESSORIES



T7™ Robotic System

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1025 W. NASA Boulevard
Melbourne, FL 32919

[L3Harris.com](https://www.l3harris.com)