HDT’s Protector robot is a rugged load-carrier for dismounted infantry. Closely matching the mobility of infantry, the Protector can traverse narrow trails, steep slopes, and dense jungles. Using only internal fuel, the vehicle has a 100 km (60 mile) range and 72 hour endurance. The Protector now comes as in an electric hybrid version which adds a “silent drive” capability.

Since 2012, the Protector has proven itself in more than a dozen evaluations with the US Army, Marine Corps, and SOCOM. The Army Test and Evaluation Command has awarded numerous Safety Releases for military units to operate the system.

The Protector’s ruggedness and simplicity make it very affordable. The system’s modular architecture and full compliance with the Army’s interoperability protocols makes the vehicle easy to upgrade, using a wide variety of missions kits, and also keeps life cycle costs low.

**KEY FEATURES**

- Rugged design, developed by HDT specifically for these demanding conditions. Meets MIL-STDs.
- Carries up to 450 kg (1,000 pounds) 100 km (60 miles) using internal JP-8 or diesel.
- 72 hours of operations without resupply.
- Exports kilowatts of power, while on the move or while halted to supply a small base camp.
- Modular architecture, open interfaces, and full compliance with the Inter-Operability Protocol (IOP).
- New series electric hybrid powertrain provides a “silent drive” capability.
- Demonstrated mission kits include:
  - Remote weapon station firing M240B, M134, and M2
  - Flail and mine roller for dismounted route clearance (won JIEDDO Dismounted Route Clearance Competition)
  - Lightweight Expeditionary Bridge, spans 36 feet, deploys in 25 minutes
  - Backhoe/Loader, digs two-man fighting position in 30 minutes, fills double-stacked Hesco in an hour.
  - Follow-Me kit, works in GPS-denied environments
  - Dual stretcher mounts for CASEVAC
PROTECTOR ROBOT DIMENSIONS AND LOAD CAPACITY

Protector Mk2

Load: 450 kg / 1000 lbs

Protector Mk1

Load: 225 kg / 500 lbs

Protector Mk2 available in 2017

PROTECTOR ROBOT MISSION KITS

Logistics Carrier
Backhoe/Loader
CASEVAC
ISR & Comms Relay
Support
Combat Engineer
Weaponized
Amphibious Kit
Route Clearance: Flail
Route Clearance: Roller
120mm Mortar Carrier
CROWS
Pintel and Gun Shield
Anti-Armor
Lightweight Expeditionary Bridge

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This item and the technical data and defense services directly related to this item are subject to the International Traffic in Arms Regulations (ITAR), 22 CFR 120-130 and may not be exported to any foreign destination or any foreign entity or foreign national, inside or outside the United States, without prior approval by the U.S. Department of State.

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