

STEED™

SILENT TACTICAL ENERGY ENHANCED DISMOUNT

Silent Tactical Energy Enhanced Dismount (STEED) is a lightweight, all-terrain wheeled platform which carries 500 lbs. and has a range of 15-30 miles on one battery pack. The unit is manually operated by a thumb controlled throttle at speeds up to 6.5 MPH, in both forward and reverse. It has a zero degree turn radius, is tactically silent, has zero emissions and is completely submersible.

Developed by Hendrick Motorsports, STEED is simple and easy to use and provides a significant enhancement for human performance, 1:1 ratio rapid casualty evacuation, and sustainment efforts. The platform is ideal for use by first responders, medical professionals and disaster response personnel.

Hendrick
MOTORSPORTS



/// Medical/Disaster Response Benefits and Applications

- Patient movement: 1:1 ratio in all environments, 17% reduction in acceleration on patient during movement
- Reduction in personnel for tasks: 80% increase in efficiency
- Less physical exertion and caloric burn: 60% reduction, ideal for personnel in PPEs (biohazard suits, fire resistant or protective clothing, SCBAs)
- Transport supplies and sustainment equipment:
 - Shelter structures, quarantine and isolation systems
 - Forward operating medical units and medical modules
 - Generators and power sources
 - Blood/plasma refrigerators and diagnostic equipment
- Exports power to external devices such as medical monitors
- Decontamination: using typical methods
- Suitable for use in terrains and environments where typical vehicles or rescue platforms can't go (examples: indoors, dense urban and subterranean)



/// For more information contact:

Rhegan Flanagan
rflanagan@hmsracing.com • 704.455.0633

HendrickUSA.com

U.S. Patent 10,654,503

STEED™

SILENT TACTICAL ENERGY ENHANCED DISMOUNT

/// STEED Technology

- Payload: Carries up to 500 lbs. 15-30 miles on one battery pack
- System Curb Weight: 190 lbs.
- Power: Quick change, lightweight lithium-ion batteries, commercially available
- Speed: Up to 6.5 mph in forward and reverse
- Zero degree turning radius, zero emissions, fully submersible
- Designed for simple operator use and easy mobility over and around obstacles
- All-terrain conditions: wetlands, submerged in water, hills, forested areas, climbing tight stairwells, subterranean environments, rocks and rubble



/// STEED Configurations

- Attachment available for payload bed raised height (32 – 42 inches)
- Designed for ease of transport: UH-60, bed of MRZR or Hilux, aisle of fully loaded LMTV, air deliverable
- Towing: Capable of being towed
- Configurations:
 - Collapsed form, fits in rotomolded transport case: 30" x 39" x 25"
 - Single handle, short form: 62" x 39" x 33"
 - Dual handle, fully extended form: 93" x 39" x 33"
 - Adjustable height handle for operator comfort 33-37"

