

STEED™

SILENT TACTICAL ENERGY ENHANCED DISMOUNT



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WHAT IS STEED

- STEED is an all-terrain electric powered platform, designed to enhance the operational load carry capability
- Increases close combat lethality and human performance
- Developed to meet special mission requirements
- Combat validated by Army Futures Command and SOCOM
- Fielded and mission successful in OCONUS operations



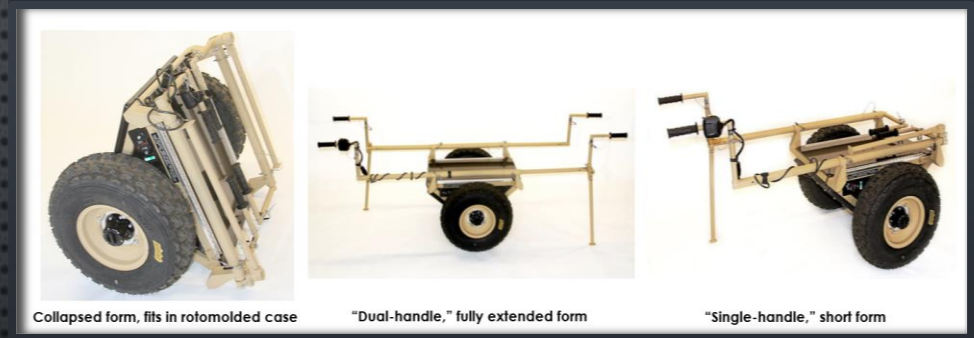


WHY STEED

1. **Versatile and all-terrain:** Take anything you need, anywhere you want to go
2. **Enhance human performance:** Arrive at the objective with reduced physical exertion and ready to fight at peak performance
3. **Capability gap:** Nothing else available, simple, robust, multipurpose

STEED TECHNOLOGY

- Carries up to 500 lbs. 15-30 miles on one battery pack
- System curb weight is 190 lbs.
- Powered by quick change, light weight batteries, zero emissions
- Operable in both forward and reverse (0-6.5 mph)
- Fully submersible, zero turning radius
- Designed to operate in all-terrain conditions:
 - Wetlands, submerged in water, hills, forested areas, climbing tight stairwells, subterranean environments, rocks and rubble
- Tows behind other vehicle platforms
- Ease of transport: UH-60, bed of MRZR or Hilux, LMTV, air deliverable
- Imports/exports power
- Customizable payload platform for different mission scenarios



STEED Enables

Lethality and Survivability

- Human Performance: 60% reduction in caloric burn, less effort, lower exertion
- Heavy weapons: Example 50 cal, 81mm mortar, MK42 for dismounted operations
- Increased security and situational awareness during missions
- Drones and equipment
- Ballistic shield protection

Soldier Load

- 400% increase in payload with reduction in metabolic rate
- 80% reduction in troops to task
- Reduction in musculoskeletal stress

Casualty Evacuation

- 17% lower accelerations on patient
- 1:1 soldier to casualty ratio for movement
- Additional personnel for casualty monitoring and life saving procedures



STEED Enables

Maneuver

- 35-64% reduction in mission times, 3x faster than dismounted movement
- Offset insertions
- Movement to contact
- Silent last mile
- Continuous squad relocation with less exertion



Sustainment

- Reduced resupply
- Minimizes personnel and maximizes unit efficiency in austere environments
- Mobility tool for FOB, airfields with no access to vehicles



Subterranean & CBRN

- Caves, tunnels, canals, mines
- Breaching equipment
- Ballistic shield protection
- Transport hazardous items/remains
- Supplies: scba's, hazmat suits
- Decontamination gear
- Event Perimeter movement ("hot zone")



Dismounted Power

- Exceeds 72-hour mission
- Integrates with squad power manager (SPM-622)
- Solar capable
- Carries additional power supplies/generators



Contact Info



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