

AUTONOMOUS AREA CLEARING CAPABILITY



CAPABILITIES AND FEATURES

- Autonomous vehicle operations
- Option: use of optical/radar detection and localization of debris
- Adheres to programmed boundaries and “keep out” zones
- Electric Power (vehicle and appliances)
- Blower to remove small items
- Plow to move larger items
- Growth to onboard vacuum system
- Option: FODmat for large area coverage
- Autonomous recharging of onboard batteries
- Teleoperations available
- Logistics container for autonomous recharging and storage available

APPLIANCES

Blower

- 28 hp ICE-powered
- Directional blower duct – software control
- Duct orientation away from high value assets

Plow/Winch

- Commercial ATV plow
- Winch control – software control
- Adjustable blade height and angle

Vacuum

- In lieu of blower, fits and secures in vehicle bay
- Electric-powered- software control
- Capacity for long missions, large jobs

FODmat®

- Towed behind vehicle – standard ball hitch mount
- Broad area coverage
- Manual cleaning of debris

SPECIFICATIONS

Feature	SAE	Metric
Payload (max.)	600 lbf	272 kg
Base Vehicle Weight	620 lbf	280 kg
Deck Area	9 sq. ft	0.84 sq. m
Vehicle Height	2.73 ft	0.83 m
Ground Clearance	10 in.	25.4 cm
Vehicle Width (max.)	4.52 ft	1.38 m
Vehicle Length (max.)	4.92 ft	1.52 m
Vehicle Speed (max.)	11 mph	18 kph
Onboard Power	48V Lead Acid	Option: Li-ion
Blower Weight	472 lbf	214 kg
Vacuum Weight	225 lbf	102 kg
Vacuum Container Volume	8 cu. ft	0.23 cu. m
Mission Life (per full charge)	4 hours	4 hours
Recharge Time (full recharge)	4 hours	4 hours

CONTACT US

Contact Us for Additional
Information and Pricing

info@tritonsys.com

(978) 425-4000

Triton Systems, Inc.
330 Billerica Road, Suite 200
Chelmsford, MA 01824

ABOUT TRITON SYSTEMS, INC.

Triton's mission is to develop innovative products to solve our customers' most challenging problems.

For over thirty years, Triton Systems has conducted research and development for the U.S. Department of Defense. Operating in a secure cleared facility, Triton fuses innovative solutions with emerging technology.

