



**ARTEV™ 6000**

Automated Remote  
Terrain Electric  
Vehicle

**Safe. Productive. Clean. Intelligent**

[jevonsrobotics.com](http://jevonsrobotics.com)

  
**ARTEV 6000**

  
**JEVONS**  
ROBOTICS

# Harnessing cutting edge technology to eliminate risk

Built on the Jevons proprietary remote controlled or autonomous platform, and leveraging unique vision and hole finding technology, the ARTEV™6000 positions over the blast hole to deploy explosives and stemming material. The ARTEV™6000 removes humans from the hazards of loading bulk explosives and stemming material.



Removes your people from hazardous environments



Battery Electric with Zero Tailpipe emissions



Autonomy options from line of site to Autonomous remote control room operations



Step change your productivity with 24 hour operations across steep and difficult terrain



*"ARTEV™6000 provides a never before seen ability to keep our people safe in our loading operations. Having a solution that eliminates exposures in bulk explosives and stemming loading from dust, heat, voids and the physical demands associated with loading is a game changer for our industry."*



# ARTEV™ 6000

## The other side of change

The ARTEV™ 6000 is a 6T payload capacity, battery electric, remote controlled or automated loader of explosive and stemming material in the most rugged terrain in the world.

The mobility platform can be configured to carry, and deploy a variety of payloads including bulk explosives, stemming, drilling fluids, water, de-watering equipment, sensors and monitoring equipment, and/or geophysical sensors.

The Jevons designed solution possesses a unique ability to traverse terrain with slopes up to 15 degrees and complex cross slopes, thus ensuring security for precious sensitive payloads.

### SPECIFICATIONS

|                       |   |
|-----------------------|---|
| Payload Capacity      | 6T carrying capacity                                  |
| Battery Cell Type     | LFP   |
| Voltage Range         | 400V-525V   |
| System Capacity       | 95.52kWh  |
| Usage Temperature     | -20°C to 55°C   |
| Cooling Method        | Liquid  |
| Peak Torque           | 500Nm   |
| Peak Power            | 225kW   |
| Max Motor Speed       | 12,000rpm   |
| Transport Length      | 5,650cm   |
| Transport Height      | 3,226cm   |
| Transport Width       | 3,014cm   |
| Transport Weight      | 6,500kg   |
| Control Room          | Containerised   |
| Drive Train           | Electric over hydraulic                               |
| Maximum Terrain Slope | 15 degrees traversing slope and 12 degree cross slope |

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# Automation and data optionality provides maximum customer flexibility



## AUTONOMOUS OPERATIONS

- Control centre allowing for operator to control up to 5 machines
- Teleop remote control and line of site control for single machine operation
- Customisable control room solution



## DATA MANAGEMENT

- Digital interface created between Jevons control room and adjacent customer systems to enable seamless data transfer
- Hole condition pre and post loading
- As drilled QA data available
- As loaded data available in real time for both explosives and stemming payloads
- Payload integration over CAN bus or ethernet

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*"We feel constrained by a lot of suppliers and their closed loop ecosystems, Jevon's philosophy and skills allow integration to any of the systems we need to connect, which provides great flexibility to our decision making"*

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