



Light High-Mobility 4x4 Mission Vehicle

Built for Rapid Response Across Difficult Terrain

The JJ2030A is a diesel-powered, high-mobility 4x4 mission vehicle designed for rapid response, rescue, reconnaissance and field support.

Combining long-travel independent suspension, high-payload capacity and extended road range, it carries crews, equipment and mission systems beyond the practical limits of conventional UTVs.

All-Terrain Mobility

- Selectable 4WD with high and low ranges
- Front and rear differential locks
- 340 mm ground clearance at full load
- 350 mm wheel travel
- 60% gradeability and 800 mm fording depth

Crew and Load Capacity

- Up to 6 occupants
- Payload up to approximately 1,010 kg
- Towing capacity of at least 2,500 kg
- Flexible seating and cargo configuration

Operational Performance

- Cummins ISF2.8 turbo-diesel engine
- 110 kW power and 360 N·m torque
- Maximum speed of at least 100 km/h
- Road range of at least 600 km
- 110-litre fuel tank

Mission-Ready Platform

- Rapid response and rescue
- Personnel and equipment transport
- UGV and UAV deployment support
- Communications and sensor integration
- Optional doors, windshield, roof, winch and lighting

SYSTEM INTEGRATION

The JJ2030A operates as a mobile node within the JINJIA equipment ecosystem. It can be deployed together with:

- F120 High-Mobility Platforms
- Amphibious 8x8 Vehicles
- Delta UGV Platforms
- Electric Off-Road Motorcycles
- Command and Control Systems

SAE INTEGRATION

Optional SAE integration enables:

- Real-time vehicle and mission data sharing
- Centralized command and control
- Sensor and communications integration
- Multi-platform coordination

One mobility platform. Multiple mission possibilities.

Technical Specifications

Item	Parameter
Type	JJ2030A
Configuration	4×4, right-hand drive, up to 6 occupants
Dimensions	4,944 × 2,072 × 1,953 mm
Wheelbase	3,300 mm
Curb Weight / GVW	≤ 2,190 kg / ≤ 3,200 kg
Payload	Up to approximately 1,010 kg*
Engine	Cummins ISF2.8 four-cylinder turbo-diesel
Power / Torque	110 kW / 360 N·m
Transmission and Drive	5-speed manual; automatic optional; selectable 4WD with high and low ranges
Suspension	Independent double-wishbone, 350 mm wheel travel
Maximum Speed / Range	≥ 100 km/h / ≥ 600 km
Ground Clearance	≥ 340 mm at full load
Gradeability / Side Slope	≥ 60% / ≥ 40%
Fording Depth	800 mm
Obstacle / Trench	350 mm / 600 mm
Approach / Departure Angle	≥ 55° / ≥ 45°
Towing Capacity	≥ 2,500 kg at full load

**Payload is calculated from maximum GVW and base curb weight. Occupants, personal equipment, optional equipment and installed mission systems are included within the available payload.*

APPLICATIONS

Emergency Response

- Search and rescue
- Disaster-site access
- Emergency supply transport

Forestry and Environmental

- Wildfire response
- Forest patrol
- Remote-area monitoring

Industrial and Energy

- Oil and gas field support
- Mining operations
- Utility and pipeline inspection

Unmanned-System Support

- UGV transport and deployment
- UAV operational support
- Communications and mission coordination

TECHNICAL HIGHLIGHTS

• High Mobility

Long-travel independent suspension, differential locks and strong obstacle-crossing capability for difficult terrain.

• Extended Operational Reach

A road range of at least 600 km supports long-distance deployment and remote operations.

• High Carrying Capability

Up to six occupants, approximately 1,010 kg payload and at least 2,500 kg towing capacity.

• Modular Architecture

Flexible integration of rescue, logistics, communications, sensor, UAV and UGV support systems.

JJ2030A is more than a light off-road vehicle. It is a configurable mobility platform for crews, equipment and mission systems.

- Any Terrain. Any Mission. One System.
Powered by SAE

