



SPECIAL PURPOSE ALL-TERRAIN VEHICLE

# S-ATV



*\*Patent Pending*

**Speed. Power. Agility. The lightweight vehicle that adapts to the mission. Oshkosh Defense® Special Purpose All-Terrain Vehicle.**

Support the urgent needs of specialized operations with the versatile Oshkosh Defense® Special Purpose All-Terrain Vehicle (S-ATV).

The S-ATV's modular design allows forces to rapidly reconfigure seating, upgrade protection options and utilize plug and play C4I capabilities to adapt to the mission. From unpaved travel routes to restrictive terrains, the turbocharged diesel engine and TAK-4i™ intelligent independent suspension\* deliver speed, agility and superior mobility for unpredictable environments. Its lightweight platform also enables CH-47/53 internal and external air transport for wherever the mission leads.

Agility when missions follow the open road. Durability when operations encounter rough terrain. The Oshkosh S-ATV is the versatile, dependable on- and off-road lightweight platform that meets the demands of a wide range of special operations.

## S-ATV | SPECIAL PURPOSE ALL-TERRAIN VEHICLE

- Rugged, roll-over protected frame safeguards crew at high speeds and over uneven terrain
- Turbocharged Duramax® diesel engine with a top speed of 145 kph and outstanding power-to-weight ratio
- Completed 400-hour NATO engine durability test
- Lightweight design with exceptional payload capacity
- Adaptable, modular design to easily reconfigure and upgrade to mission requirements
- Proven TAK-4i™ intelligent independent suspension system\* with 438 mm (17.25 inches) of wheel travel and a 70% off-road mission profile
- Transportable via CH-47 and CH-53 rotary wing aircraft
- Low ground pressure and lightweight design with unmatched sand and soft soil mobility
- Engine cooling system allows continuous full power operation at ambient temperatures up to 54°C (130°F)
- Integrated mounting provisions for a wide variety of armaments and ballistic protection options
- Plug and play C4I capabilities to adapt to mission requirements

**Engine:** Duramax® 6.6L V8 diesel, 205 kW (275 hp)

**Transmission:** Allison® 2100 SP automatic 6-speed

**Transfer Case:** 2-speed with neutral - locking differential, 1.18:1 high, 3.21:1 low

**Axles/Suspension:** Oshkosh® TAK-4i™ intelligent independent suspension system\*

**Tires:** 335/80 R20 on-road, off-road with beadlocks and runflats

**Suspension (Durability) Profile:** 70% off-road / 30% on-road

**Seating Capacity:** 5 (4 crew plus 1 gunner) driver in center location, optional kit allows up to 7 crew

**Vehicle Curb Weight:** 3740 kg (8,250 lbs.)

**Payload Capacity:** 1930 kg (4,250 lbs.)

**Turret Capacity:** Turret ring with gunner's sling

**Central Tire Inflation System (CTIS):** Optional 2 channel system with 4 terrain settings



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### MISSION ENABLERS

- Reconfigurable for a spectrum of missions
- Rapid response, internal defense and stability operations
- Unconventional warfare, direct action and counterinsurgency operations
- Special reconnaissance and target acquisition
- Search and rescue



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