

R8 INTEGRATOR



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ANYWHERE™

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The Argo R8 Integrator UGV platform is designed for the most demanding off-road, autonomous applications. Ready out of the box for your autonomy kit to interface with, the R8 features 8x8 skid steer traction, electric drive train, amphibious capabilities, and class leading payload capacity; optional Lithium Ion battery capacity up to 25kWh for extended range missions. The R8 comes standard with integrated helicopter lift points to make transport into the toughest environments seamless.

Key Features

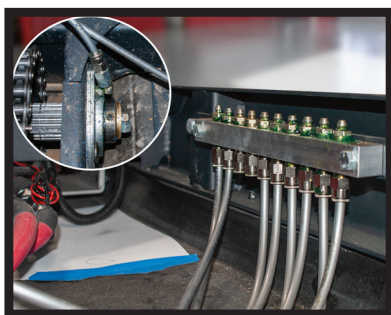
- Zero Turn Capable
- Electric drive train
- Amphibious
- Lithium Ion battery (Optional)
- Flat top deck



All Electric



Payload Capacity 2,100 lb (929 kg)



Ease of Maintenance



All Terrain Capability

*Range estimates based on manufacturer data on typical customer driving usage and conditions. Actual range varies based on conditions such as external environment, weather, speed, operational time, cargo loads, rates of acceleration, vehicle maintenance, and vehicle usage. ©ARGO 2023

TECHNICAL SPECIFICATIONS

	R8 INTEGRATOR
DIMENSIONS	10'x5'x3.5' (3.05m x 1.52m x 1.07m)
VEHICLE WEIGHT	1,950 lb (885 kg)
OVERLAND RANGE	Up to 45 miles (72 km)
OPERATIONAL TIME	Up to 6-7 hours
OPTIONAL 35 kWh BATTERY WEIGHT	525 lb (238.1 kg)
GVWR (LAND)	4,050 lb (1,814 kg)
GVWR (WATER)	2,500 lb (1,134 kg)
WATER FORDING DEPTH	2FT (0.6 m)
OPERATING TEMPERATURE	-4 to 122 F (-20 TO 50 C)
STORAGE TEMPERATURE	-4 to 140 F (-20 TO 60 C)
HELICOPTER LIFT POINTS	MIL-STD-913 TESTED
MAX SPEED (HIGH)	15.5 mph (25 km/h)
MAX SPEED (LOW)	12.1 mph (19.5 km/h)
TRACTION MOTOR POWER	32HP (24.04 kW)
TRACTION MOTOR TORQUE	105.83 lb ft (143.5 Nm)
GROUND CLEARANCE (PEAK)	10" (25.4 cm)
SIDE SLOPE	30% (17 DEGREES)
FORWARD SLOPE	60% (30 DEGREES)
TRACTION	8x8 SKID STEER
ARGO TIRES	25" (63.5 cm)
HUBS	LOCKING/UNLOCKING
TRACTION MOTOR CONTROLLER	CAN MESSAGING
STEER MOTOR CONTROLLER	CAN MESSAGING
BATTERIES	CAN MESSAGING
BATTERY VOLTAGE	48V NOMINAL
CHARGING TEMPERATURE (AMBIENT)	32 to 122 F (0 to 50 C)
SIDE TIE DOWN RAILS	ACCESSORY
4,500 lb WARN WINCH	ACCESSORY
ADJUSTABLE FRONT STEP	ACCESSORY
ADJUSTABLE REAR STEP	ACCESSORY
HUMVEE TOW POINT	ACCESSORY
OVER-WHEEL TRACKS - 18" (46 cm)	ACCESSORY
WORK LIGHTS	ACCESSORY
ELECTRONICS MOUNTING TRAYS	ACCESSORY



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For more information please contact: **David Overholt, Program Manager - UGV**
(E) doverholt@argoxtv.com (P) 519-662-2840 x 523