

All-Terrain Mobility Vehicle (ATMV)



ARGO
MIL XT-LF

Freedom of Maneuver – TRUE all-terrain mobility



EXTREME TERRAIN VEHICLE SOLUTIONS

Operationally proven - the MIL XT-LF is fit for duty

ARGO variants are now successfully deployed with multiple NATO and Allied Military Forces around the globe. The mobility, versatility and amphibious capabilities of the MIL XT-LF benefit and support mission roles in any terrain or climate.

Ontario Drive & Gear Limited, ARGO's parent company, is an ISO-certified organization with more than 50 years experience in making world-class extreme terrain vehicles. Choose the MIL XT-LF for true all-terrain mobility.

The right vehicle for the mission

Versatile

- MIL XT-LF can be equipped to meet the tactical requirements for numerous roles, including:
 - Small unit resupply
 - Heavy weapons carrier
 - CASEVAC
 - Mobile command post

- Available with either gasoline, or diesel/JP8 compatible engine or gasoline engine, the MIL XT-LF complies with DOD One Fuel Policy

Safe

- Lowest centre of gravity of any UTV/XTV
- Excellent stability from 165 cm (65") wide wheelbase
- Available with optional Roll-Over Protection System (ROPS)



MIL XT-LF has the capability to operate reliably in any terrain

Wherever military personnel are deployed, they can travel reliably in the MIL XT-LF, even in terrain conditions that are impassable to other tactical vehicles.

MIL XT-LF's size belies its strength. It can carry payloads to 680 kg (1,500 lb.) on land and 454 kg (1,000 lb.) on water. It seats four people and can be equipped with an amphibious trailer for additional towing capacity.

The MIL XT-LF delivers on its mission...

In water

- MIL XT-LF's amphibious capability allows personnel to cross streams, rivers and lakes without preparation.

Through jungles and swamps

- MIL XT-LF's extremely low ground pressure, 8-wheel drive traction and optional tracks increase off-road mobility.

Over snow

- When equipped with tracks, the MIL XT-LF can travel over deep snow with ease and matches in-service Bv206 performance.

Over mountains and extreme slopes

- The MIL XT-LF has the UTV industry's lowest centre of gravity and highest static stability factor, providing excellent stability on slopes. 8 wheel drive provides unmatched traction. Double layer full underbody protection ensures that the drive train system is protected from damage by boulders, stumps, and other hazards which would immobilize other UTVs.

By air

- Insertable by a variety of platforms:
 - Sling-loadable by rotary wing such as CH-146 and UH-60 (high/hot conditions)
 - Internally transportable by CH-147 and CH-53
 - Air droppable by C-130, C-17, and other fixed wing aircraft via palletized parachute load

Available Accessories

COMFORT



Reversed Bench Seat

Seats two passengers inside the cargo compartment of the vehicle.



Universal Mounting System

Quick change, 340 kg (750 lb) capacity universal mount. Bolts directly to main chassis offering a secure structure for third-party equipment.



Helicopter Sling Load Kit

Axle mounted at 4 corners, quick release point for helicopter sling connection.

PROTECTION



Brushguard

1-piece front-mount brushguard to protect headlights and body.

CONVENIENCE



Winch

Front mount 2,040 kg (4,500 lb) WARN winch, complete with 9.14 m (30 ft) tow strap, snatch block, mounting plates and winch guard.

Winch Mounting Kit

(Not shown) Designed to accept a 2,040 kg (4,500 lb) winch. Modifications may be required to accept a non-WARN winch installation.



Tire Carrier

Mounted to the rear upper frame. Holds a spare tire.



Chain Lubrication System

Provides 5 seconds of chain lubricant every 15 minutes or 1 hour of run time. 1 litre (1 quart) oil reservoir.



Military Stretcher Capable

Stretcher support kit allows for secure transport of NATO STANAG 2040 type stretchers such as North American Rescue Talon II and Ferno Tactical.



Fuel Can Holder

Securely holds one 20 litre (5 gallon) military jerry can.



Bilge Pump

Dual bilge pump kit evacuates standing water in lower body. Mounts to left and right chain wells. Dash-mounted ON/OFF switch.



Platt Swing Mount

Platt Swing Mount for M240/249 available upon request.



Winch Mount-Rear Receiver

Allows winch to be placed at the rear of the vehicle. Comes complete with quick-disconnect wiring.



Trailer (Amphibious)

8-wheel: up to 635 kg (1,400 lb) capacity. Complete with 61 cm (24") or 63.5 cm (25") tires.



Flatbed Platform

167.6 cm wide x 111.5 cm long (66" W x 44" L). Mounts to the main chassis and is supported by the upper frame to provide a large area for cargo and equipment transportation. Includes 4 tie down points and a 81 cm wide x 89 cm long (32"W x 35"L) hatch for easy access to lower body cargo area.

TRACKS



457 mm (18") Rubber Tracks

Hinged rubber track. Rubber sections wrap around 4 tires. Reduces ground pressure to 7.23 kPa (1.06 psi) at full payload.

Track Ice Cleats

(Not shown) Hardened steel cleats with mounting hardware increase traction on ice and hard-packed snow. Available for Rubber and Super Tracks.

Specifications

ENGINE ¹	XTD	XTI
Engine	In-line 3-cylinder, naturally aspirated diesel	4 cycle OHV V-Twin, petrol
Model	Kohler/Lombardini KDW1003	Kohler Aegis LH 775
Torque ¹	36.9 lb. ft (50 Nm)	47.7 lb. ft (64.6 Nm)
Horsepower ¹	24 hp (17.6 kW)	30 hp (23.1kW)
Displacement	1028cc (62.7 cu. in.)	748cc (45.6 cu in)
Cooling	Liquid cooled	Liquid cooled
Starting	Electric	Electric
Electrical	65 amp alternator	60 amp alternator

PERFORMANCE ²	
Speed	Land 17 mph (27 km/h)
	Water 3 mph (5 km/h)
Drawbar Pull ³	1,800 lb. (816 kg)
Towing Capacity	2,000 lb. (907 kg)
Load Capacity	Land 1,500 lb. (680 kg)
	Water 840 lb. (381 kg) 1,000 lb. (454 kg)
Seating Capacity	Land 2 persons - 4 optional
	Water 2 persons
Fuel Capacity	9.5 US gallons (36 L) 8 - 10 hours of operation
Operating Temperature	All weather, all terrain, -40°F to +104°F (-40°C to +40°C)

WEIGHT	
Shipping Weight	1,750 lb. (794 kg) 1,600 lb. (726 kg)
Transport	Truck, trailer or helicopter lift

CONVENIENCE	
Electrical Output	Dual 12 V outlet
Storage	Dual glove box
	Large under seat storage compartment
Battery	AGM 775 CCA Group 34

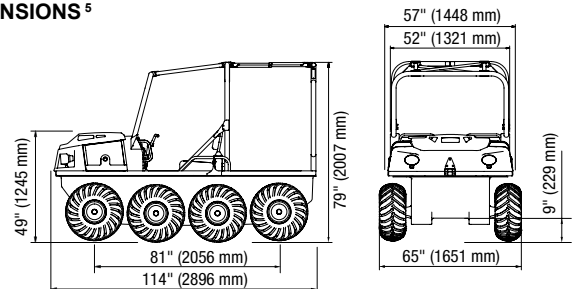
CHASSIS	
Frame	Protected with Bonderite® epoxy-acrylic coating
Final Drive	RS60HT heavy series roller chain connects 8 axles to the ADMIRAL transmission
Chain Adjusters	Automatically adjusting tensioner for each drive chain
Axles	1.50" (38 mm) diameter axles contained in an oil filled aluminum housing
Tires	ARGO AT189 25x12.00-9 NHS
Body	Vacuum formed upper body, lower hull and skid plate formed from High Molecular Weight Polyethylene (HMWPE)

TRANSMISSION	
Transmission	Direct drive, ADMIRAL triple differential steering transmission
Gear Selection	Forward, Neutral and Reverse with HI and LOW selection
Clutch	Continuously Variable Transmission (CVT) with heavy duty drive belt
Brakes	Hydraulically activated disc brakes
Steering Brakes	Independent steering brakes with dedicated master cylinders

CONTROLS	
Steering	Multi-position, one-piece, ergonomic handlebar steering
Park Brake	Ratcheting style mechanical park brake
Instrumentation	Centre mount, analog dash panel
Gauges	Tachometer with digital hour meter
	Speedometer with digital odometer
	Fuel gauge
	Volt meter
Warning Lights	Water temperature
	Park brake ON
	Low oil pressure
	Check engine warning


GROUND CLEARANCE & GROUND PRESSURE ⁴	
Ground Clearance	9" (229 mm) @ centre of vehicle
	as low as 2.8 psi (20.5 kPa) with tires
Ground Pressure	1.91 psi (13.02 kPa) with 15" (381mm) tracks
	1.06 psi (7.23 kPa) or less with 18" (457 mm) tracks

DIMENSIONS ⁵



Overall Width
 with 15" (381 mm) Rubber Tracks 72.5" (1841 mm)
 with 18" (471 mm) Rubber Tracks 75.5" (1917 mm)

AVAILABLE ARGO COLOR

 Colors in this brochure are reproduced with great care, but may vary slightly from actual ARGO vehicle colors.

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- (1) Calculated pursuant to the Society of Automotive Engineers (SAE) J1940.
- (2) Performance dependent on vehicle loading, terrain condition, operational specification. Vehicle capacity includes; driver, fuel, passengers, cargo and any installed accessories.
- (3) Draw-bar pull ratings based on ISO 7464-1983
- (4) Actual clearance and ground pressure dependant on full vehicle load, tire air pressure.
- (5) Dimensions and weights are approximate. Dependent on final build specification.
- (6) Colors are reproduced with great care, but may vary slightly on actual vehicles.

Some vehicle applications shown are for demonstration purposes, originating from third parties and not available from ARGO. In all cases vehicle load limits have been considered. For safety, always wear approved helmets and eye protection. When operating in water, always wear approved Personal Floatation Devices. Always remain seated while in the ARGO. When equipped with tracks, XT models are not fully amphibious, however water crossing is possible with a fording depth of 26" (660 mm).



220 Bergey Court
 New Hamburg, ON, Canada N3A 2J5
 Toll Free: **1-877-274-6288**
 Tel: (519) 662-4000
 Fax: (519) 662-2421
www.ARGOxtv.com/defense



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