

All-Terrain Mobility Vehicle (ATMV)



ARGO XT

**Domestic Operations
& Arctic Mobility
Vehicle (DOAMV)**



SINCE 1967

EXTREME TERRAIN VEHICLE SOLUTIONS

Defy extreme weather and terrain in the **ARGO XT**

Versatile, field-tested and robust, the ARGO XT can carry personnel and cargo wherever they are needed.

ARGO's parent company, Ontario Drive & Gear Limited, is an ISO-certified organization with more than 50 years experience in making world-class extreme terrain vehicles. With over 50,000 units produced, multiple NATO and Allied military forces have successfully deployed ARGO variants around the globe.

Adding ARGO XTs will allow you to meet tactical requirements anywhere.



Equip personnel for a variety of missions with **ARGO XT**

Versatile

- ARGO XT can be equipped to meet the tactical requirements for numerous roles, including:
 - Troop carrier
 - Cargo carrier
 - Ambulance vehicle
 - Mobile command post

Available with either diesel/JP8 compatible engine or gasoline engine, the ARGO XT complies with the DOD One Fuel Policy.

Safe

- With its 165 cm (65") wide wheelbase and low centre of gravity, ARGO XT provides:
 - Excellent stability
 - Optional roll-over protection system

Economical

- The ARGO XT DOAMV (Domestic Operations & Arctic Mobility Vehicle) will quickly return the initial investment on a per vehicle basis because of its proven reliability and versatility. All vehicles include:
 - Integrated lifecycle support (ILS)
 - High molecular weight polyethylene hull and skid plate to protect drive train components
 - Choice of COTS Kohler/Lombardini KDW1003 or Kohler Aegis engine
 - Extensive factory-trained global parts and service network

Benefit from ARGO XT's proven capabilities

ARGO XT combines the best performance features of other small support vehicles with improved safety and proven, made-in-Canada durability.

Go anywhere...

In water

- ARGO matches Small Unit Support Vehicle (SUSV) amphibious performance, allowing for immediate deployment of personnel through streams, rivers and lakes carrying payloads up to 454 kg (1,000 lb).

Over tundra

- ARGO matches SUSV performance over tundra. With minimal ground pressure, 8-wheel drive traction and optional tracks, it provides outstanding off-road mobility.

Over snow

- When equipped with tracks, the ARGO XT Domestic Operations & Arctic Mobility Vehicle matches in-service Bv206 performance over snow and ice.

In extreme cold

- The ARGO XT is engineered to operate in temperatures from -40°C to 40°C (-40°F to +104°F) and has proven itself in operations from the Arctic to Antarctica.

By air

- When the only way in is by air, the ARGO XT is sling-loadable by a CH-146 and UH-60, even in high/hot conditions. It can also be transported internally by a CH-147F. The ARGO XT can be air dropped by either a CC-130 or a CC-17.

Available Accessories

COMFORT

Cab Heater

(Not shown) Driver and passenger heater option includes 2 defrost vents and 2 side vents.



Mil-Spec All Weather Enclosure

Shelters driver and passengers from the elements. Features roll-up side and rear panels, zippered windows and storage pouch. Requires Windshield and Hard Top.



Windshield-Foldable

Scratch-resistant acrylic in aluminum frame. Features a lower wiper mount location. Use alone or with convertible top.

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.



Winch Mount-Rear Receiver

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

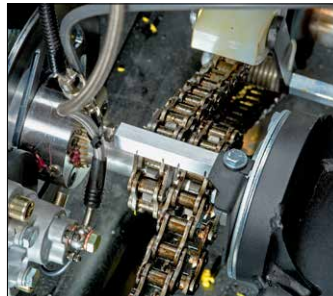


Universal Mounting System
Quick change, 340 kg (750 lb) capacity universal mount. Bolts directly to main chassis offering a secure structure for third-party equipment.



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.



Trailer (Amphibious)

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



Hinged Doors

Hinged doors for passenger and driver side. Allows easy entrance/exit from vehicle and protection from the environment. Large windows for visibility.



Helicopter Sling Load Kit

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



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.

PROTECTION



Brushguard

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



Bilge Pump

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

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.



HD Rubber Tracks

These tracks feature UHMW-PE guides, aluminum backing washers, and HD hinge lacing.

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 | Powder coated, 3" (76 mm) tubular steel, welded construction |
| 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) |

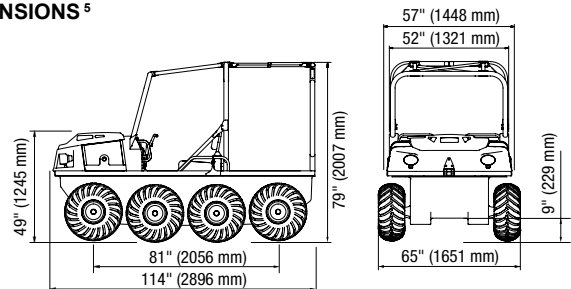
- (1) Calculated pursuant to the Society of Automotive Engineers (SAE) J1940.
- (2) Performance dependent on vehicle loading, terrain condition, operational specification. Vehicle capacity includes; driver, fuel, passengers, cargo and any installed accessories.
- (3) Draw-bar pull ratings based on ISO 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.

| 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 |
| Ground Pressure | as low as 2.8 psi (20.5 kPa) with tires |
| | 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 COLORS

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



Tundra Black

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 Floation 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).



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