



## 2022 AURORA RESPONDER SERIES

# 2022 ARGO XTV

# AURORA

For over 55 years ARGO has devoted their resources and expertise to the engineering of the ultimate Go Anywhere machine capable of navigating every landscape across the globe. With decades of research and development, ARGO is proud to carry the title of the world's leader for Amphibious Extreme Terrain Vehicles. Compiling a list of revolutionary assets into a premium machine, we bring you the Amphibious ARGO Aurora series XTVs.

The Aurora's powerful 850 high performance 4-stroke, V-Twin engine with electronic fuel injection (EFI) delivers superlative fuel efficiency, cleaner exhaust emissions and a sharper throttle response regardless of changes in elevation or temperature. The hallmark of any ARGO XTV is reliability and the 850 (33HP) powerplants found in the Aurora Responder models deliver clean, dependable power both on dry-land and when you go fully amphibious. Increased alternator output available on all Aurora models also provides an impressive 50 amps for powering accessories and implements without hesitation.

Enhanced performance and enduring power doesn't stop here. In pursuit of maximizing engine torque, acceleration and speed. ARGO's team of engineers has developed the ARGO Instant Torque Drive System (ITDS). The ITDS incorporates the all-new ARGO Instant Torque Clutch (ITC) and is paired with the Admiral transmission. This pairing delivers dramatically improved performance to your XTV that is extremely noticeable the moment you grab the throttle. The ITC works to load the engine maintaining and enhancing peak torque equating in a significant increase in both acceleration and torque. Proven to offer superior performance, the ITDS and ITC eliminate the need for High torque (HT) transmission while offering the speed advantages of the Standard Torque (ST) Transmission.

The Aurora's Admiral transmission comes available from the factory embodied with capabilities that present the Aurora with exquisite torque and power. Giving the Aurora Responder a top speed of 24 mph (39km/h), the Admiral transmission also provides the necessary

torque to accommodate our tenacious track systems. Capable of operating in extreme terrain and environments, the Admiral transmission instills driver confidence while allowing the machine to perform smoothly.

Profound off-road situations require exceedingly fierce levels of reliability and agility. ARGO Progressive Steering (APS) is a revolutionary drive-train that confidently conquers the most diverse off-road environments effortlessly and comfortably with smooth, responsive handling while rivalling any conventional UTV. Enhancing drivability and cornering capabilities, APS helps to deliver an experience that allows operators to manipulate the machine in ways no other manufacturer has been able to do.

Adding to the Aurora's 10-inches of ground clearance and agile nature is the Aurora's protracted and robust all-terrain amphibious body. Constructed of high-density polyethylene, the Aurora floats and navigates through water and over terrain with unparalleled stability and control. ARGO's signature AirLock™ rims enhance the Aurora's ultra-smooth handling characteristics even further. The AirLock feature keeps the tire firmly seated on the rim in rugged terrain while allowing the operator to adjust tire pressure to match the landscape and provide a 30% smoother ride.

For the optimal blend of functionality and comfort, the Aurora's spacious interior maximizes cockpit storage by offering open layouts providing plenty of room for equipment, personnel and other essential materials for remote exploration. Central to the Aurora's bold looks and impressive ease of operation is its left-hand driver cockpit configuration. The left-hand oriented cockpit is familiar and confidence inspiring, offering familiarity for traditional recreational Side by Side drivers as well as new drivers wanting to experience a vehicle with true Go Anywhere capabilities. The Aurora's raised, flat floor makes entering and exiting the vehicle easier for the driver and passengers while its rubber coating provides sure-footing- wet or dry, along with dramatically reducing drive-line noise and vibration. The ergonomically correct

handlebar layout includes driver friendly push-button, start-in-gear convenience and a finger-pull throttle - all in the hands of the driver. The simplified front console has well-spaced and easy-to-read, high-quality, automotive-style gauge cluster and an ultra-smooth operating in-dash transmission shifter with high and low gear selection. To ensure comfort for the operator and passengers, heat reflective and absorptive material is integrated into the firewall. A composite exhaust shroud goes one step further and effectively redirects heat while the quiet muffler lowers noise levels while still producing a pleasing exhaust note.

From unruly trail navigation to fully encompassed amphibious operation, ARGO Aurora XTV models offer the performance, payload capacity and versatility you demand. Every Aurora 8x8 offers the versatility and convenience of a 2-inch rear receiver, 1,800-pound towing capacity, upwards of 1,090-pound land load capacity along with an all-new 8.5 -gallon (32 liter) fuel tank with a digital fuel gauge. Optimized for extended run-time, the digital fuel level display is incorporated into the multi-function premium styled gauge on the dash for increased visibility.

Continuing for model year 2022 all Aurora models come ROPS ready from the factory and is available as an accessory on the SX models, the SX-R models come fully equipped with the ROPS.

The Aurora 850 SX Responder and SX-R Responder 8x8s are available in Red or Orange body colors.



## Start N' Gear

Apply hand brake lever and the Aurora is ready to start in gear.

## Gauges

Sleek automotive-style 17 function premium gauge captures high-performance indicators.

## Ground Clearance

With 10 inches (254 mm) of ground clearance, the Aurora series provides maximum maneuverability in the roughest terrain.

## All-Terrain Amphibious Body

Evolved and refined from more than 55 years of amphibious vehicle development, the one-piece high-density polyethylene (HDPE) lower body is ARGO's signature design feature. The smooth and durable underbody floats over potential snags, stumps and outcrops as well as wetlands and water courses, keeping water hazards out while delivering unparalleled stability and control. Aurora models feature, a flat-floor design for improved ergonomics, and an insulated firewall that reduces sound and heat for the front row occupants.



## Admiral Transmission

At the heart of every Aurora model is the premium Admiral transmission with ARGO Progressive Steering (APS). The Admiral transmission uses a sophisticated gearing system and dual differentials on the output shafts so that when steering, the braking

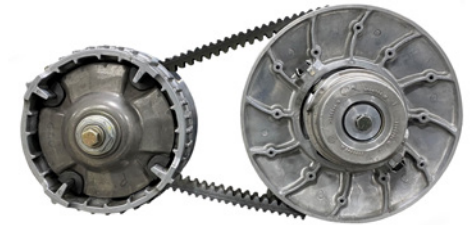
force is applied to a steering differential (rather than the output shafts), translating into smoother and gentler steering. In High range, Admiral with APS steers smoothly and in an arc, similar to a UTV. In Low range it operates similar to a traditional skid steer vehicle, offering zero-radius turning. The Admiral Transmission provides the ideal balance between speed and torque, and is suitable for use in all types of terrain, moving heavy loads, track use or high elevation. It's capable of reaching speeds of up to 24 mph (39km/h) on land. Every ARGO transmission is designed and built by its parent company, Ontario Drive & Gear Limited – the world leader in precision gearing and high-performance transmissions – to ensure the best reliability, maintainability and smooth, efficient transfer of power to the ground.



## New Instant Torque Drive System (ITDS) & Instant Torque Clutching (ITC)

The ARGO Instant Torque Drive System (ITDS) delivers dramatically improved performance by coupling the new ARGO Instant Torque Clutch (ITC) with the versatile Admiral transmission. The Instant Torque Clutch (ITC) loads the engine to maintain peak torque resulting in increased acceleration and

enhanced torque. Alleviating the need for a High Torque (HT) transmission while maximizing the appealing capabilities of the Standard Torque (ST) transmission, we've combined acceleration, torque and speed into one solid package.



## ARGO Low-Pressure Tires

ARGO low-pressure 25-inch tires on Aurora models are custom engineered with a paddle design for amphibious propulsion through water and optimized traction on the most extreme off-road terrain, with a smoother ride and lower noise than ever before. As a system, they apply just 1.5 psi of ground pressure, dispersing pressure while achieving maximum traction over all surfaces.



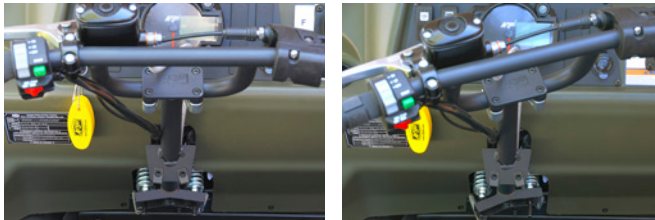


## Hydraulic Steering Brakes

Every ARGO Aurora series XTV are equipped with hydraulic steering brakes for powerful, controlled steering in the full range of conditions and terrain. These brakes are activated via the handlebar to control the power output from the transmission to the wheels on either side of the machine.

## ARGO Progressive Steering (APS)

ARGO Progressive Steering (APS) is an innovative technology available on Aurora XTV models. Used in conjunction with the Admiral steering transmission, APS adds a spring element between the handlebars and the brake system. APS delivers a progressive, dual rate steering system that results in easier, smoother turning motion – plus a four-time wider range of steering motion for greater driving confidence and improved steering.



## Controls and Cockpit

ARGO Aurora series XTVs feature improved driver controls. The left-hand controls for starting, headlights and stop switch are more ergonomically friendly. The shift lever is located high in the middle of the dash for easy accessibility, while automotive-style gauges display key functions and information.



## Load and Towing Capacity

ARGO Aurora series XTVs are engineered to haul and tow the necessary equipment for diverse recreation and commercial applications. With a standard towing capacity of 1,800 pounds on all Aurora series models and a land load capacity ranging from 850 – 1,100 pounds depending on the model, the Aurora series is positioned as one of the industry's most versatile workhorses.

## Projector Headlights and LED Taillights

ARGO Aurora series XTVs feature dual projector-beam halogen headlights with Hi/Lo beam for excellent visibility, and are matched by rear hi-vis LED taillights.

## New 8.5 Gallon Fuel Tank

New for 2022, ARGO Aurora series XTVs feature a large 8.5-Gallon (32 liter) fuel tank. Optimized for extended run-time, the digital fuel level is incorporated into the multi-function premium gauge on the dash for increased visibility.



## Dependable 4-Stroke EFI Engines

The ARGO Aurora Responder Series is powered by our 33HP 850 Series air cooled engine. It has EFI for sure starts and automatic air- and temperature compensation in all climate conditions as well as high altitudes. It features full pressure oil lubrication

and an oil cooler to protect engine components and deliver reduced operating temperature, ensuring long-lasting durability and extended hours between oil changes.



## Quiet Muffler

Our quiet muffler helps reduce radiated noise from the vehicle, making for a more enjoyable ride for passengers and drivers alike, especially for hunters who count on the element of surprise.

## Airlock Rims

All Aurora models feature bead lock rims that mechanically lock the tire bead to the rim. ARGO AirLock rims allow for lower tire pressure, which provides a 30% smoother ride. With each tire firmly secured to its rim, it enables an incredibly low 1.5-psi tire pressure for a smoother, more comfortable ride over rough terrain.

## Offset Reversible Rims

Reversible, offset rims allow the wheels/tires to mount either closer in or further out from the vehicle, changing the width of the wheel stance while also simplifying the installation of tracks for owners who use them.

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## 850 SX RESPONDER 8x8



### ENGINE

CYLINDER	V-Twin
FUEL SYSTEM	EFI
COOLING	Fan Cooled
ALTERNATOR OUTPUT (MAX)	50 AMPS
MAX. POWER	33HP

### DRIVETRAIN

TRANSMISSION TYPE	Admiral with APS
DRIVE BELT	Heavy Duty
SERVICE BRAKES	Hydraulic
STEERING BRAKES	Hydraulic
BRAKE COOLING FAN	Accessory
AUTO CHAIN LUBRICATION	Accessory
SPEED ON LAND (ST)	24 mph (39 km/h)
SPEED ON WATER	3 mph (5 km/h)

### DIMENSIONS/WEIGHT

LENGTH	126 in (3,200 mm)
WIDTH	60 in (1,524 mm)
HEIGHT	51 in (1,295 mm)
LOAD CAPACITY - LAND	960 lbs (436 kg)
LOAD CAPACITY - WATER	760 lbs (345 kg)
TOWING CAPACITY	1,800 lbs (816 kg)
FUEL TANK CAPACITY	8.5 gal (32 L)
RIDER CAPACITY - LAND	4
RIDE CAPACITY - WATER	4

### TIRES & WHEELS

TIRES ARGO	XT117 25 x 12 - 9
WHEEL	Steel AirLock
GROUND CLEARANCE - TIRES	10 in (254mm)
GROUND CLEARANCE - TRACKS	11 in (279 mm)
GROUND PRESSURE - TRACKS	0.67 psi 4.6 kPa)

### FEATURES

FRONT RACK	Accessory
BRUSHGUARD	Standard
WINCH	3,500 lbs
ROPS	Accessory
STRETCHER FRAME	Standard
FULL SKID PLATE	Standard
BILGE PUMP	Standard
ENTRY STEP	Accessory
AVAILABLE COLORS	Red, Orange



## 850 SX-R RESPONDER 8x8



### ENGINE

CYLINDER	V-Twin
FUEL SYSTEM	EFI
COOLING	Fan Cooled
ALTERNATOR OUTPUT (MAX)	50 AMPS
MAX. POWER	33HP

### DRIVETRAIN

TRANSMISSION TYPE	Admiral with APS
DRIVE BELT	Heavy Duty
SERVICE BRAKES	Hydraulic
STEERING BRAKES	Hydraulic
BRAKE COOLING FAN	Accessory
AUTO CHAIN LUBRICATION	Accessory
SPEED ON LAND	24 mph (39 km/h)
SPEED ON WATER	3 mph (5 km/h)

### DIMENSIONS/WEIGHT

LENGTH	126 in (3,200 mm)
WIDTH	60 in (1,524 mm)
HEIGHT	77 in (1,956mm)
LOAD CAPACITY - LAND	730 lbs (331 kg)
LOAD CAPACITY - WATER	530 lbs (240 kg)
TOWING CAPACITY	1,800 lbs (816 kg)
FUEL TANK CAPACITY	8.5 gal (32 L)
RIDER CAPACITY - LAND	4
RIDE CAPACITY - WATER	4

### TIRES & WHEELS

TIRES ARGO	XT117 25 x 12 - 9
WHEEL	Steel AirLock
GROUND CLEARANCE - TIRES	10 in (254mm)
GROUND CLEARANCE - TRACKS	11 in (279 mm)
GROUND PRESSURE - TRACKS	0.67 psi (4.6 kPa)

### FEATURES

FRONT RACK	Accessory
BRUSHGUARD	Standard
WINCH	3,500 lbs
FULL SKID PLATE	Standard
ROPS	Standard
STRETCHER FRAME	Standard
BILGE PUMP	Standard
ENTRY STEP	Accessory
AVAILABLE COLORS	Red, Orange