

# 2023 AURORA 850 R



**GO**  
ANYWHERE™



ORANGE



GREEN



BLACK

## HIGHLIGHTS

**Engine:** Versatile LX 850 V-Twin carbureted 4-stroke engine.

**Transmission:** ODG Admiral transmission with Argo Progressive Steering (APS)

**Drive System:** Instant Torque Drive System (ITDS) with Instant Torque Clutch (ITC)

**All Terrain Amphibious Body:** High-Density Polyethylene (HDPE) all-terrain amphibious body

**Wheels & Tires:** Steel Airlock™ wheels with 25" ARGO low pressure tires

**Ground Clearance:** 10" (254 mm)

**Seating Capacity:** 4 people – land, 4 people water

**Axles:** Axle bearing extensions standard

**ROPS:** Roll-Over Protective Structure

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## Engine

The responsive fan-cooled, carbureted, 4-stroke LX V-Twin engine pairs simplicity with dependability. Engineered to maximize torque while producing smooth and reliable power, the LX 850 engine will keep you running effortlessly throughout every season of the year.

## Argo Progressive Steering (APS)

Operated in conjunction with the Admiral transmission, APS adds a spring element between the handlebars and the brake system to deliver a progressive, dual-rate steering system that results in an easier, smoother turning motion that instills driver confidence while offering improved steering.

## ROPS

For unpredictable and extreme terrain, add additional protection for your ARGO XTV. Roll-over protective structure (ROPS) provides additional peace of mind when the terrain gets hairy.

## Transmission

The ODG admiral transmission uses a sophisticated gearing system and dual differentials located on the output shafts. The braking force is applied to a steering differential vs. to the output shafts, translating into smoother and gentler steering.

## Airlock™ Wheels with Low Pressure Tires

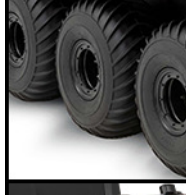
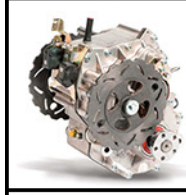
Innovative ARGO AirLock™ rims allow for lower tire pressure providing a 30% smoother ride. Paired with the low pressure XTV tires, an astonishing 1.5-psi tire pressure is achieved for a smoother, more comfortable ride over unruly terrain.

## ITDS & ITC

The ARGO Instant Torque Drive System (ITDS) delivers dramatically improved performance by coupling the trusted ARGO Instant Torque Clutch (ITC) with the bulletproof Admiral transmission to deliver increased acceleration and enhanced torque.

## All Terrain Amphibious Body

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.





## ENGINE

|                         |            |
|-------------------------|------------|
| Cylinder                | V-Twin     |
| Fuel System             | Carburetor |
| Cooling                 | Fan Cooled |
| Alternator Output (max) | 20 AMPS    |

## DRIVETRAIN

|                        |                   |
|------------------------|-------------------|
| Transmission Type      | ODG Admiral w/APS |
| Drive Belt             | Standard          |
| Service Brakes         | Hydraulic         |
| Steering Brakes        | Hydraulic         |
| Brake Cooling Fan      | Accessory         |
| Auto Chain Lubrication | Accessory         |
| Speed on Land          | 25 mph (40 Km/h)  |
| Speed on Water         | N/A               |

## DIMENSIONS/WEIGHT

|                          |                    |
|--------------------------|--------------------|
| Length                   | 119 in (3,023 mm)  |
| Width                    | 60 in (1,524 mm)   |
| Height                   | 77 in (1,956 mm)   |
| Weight                   | 1,680 lb. (762 kg) |
| Load Capacity – Land     | 870 lb. (395 kg)   |
| Load Capacity – Water    | 670 lb. (304 kg)   |
| Towing Capacity          | 1,800 lb. (816 kg) |
| Fuel Capacity            | 8.5 gal (32.2 L)   |
| Seating Capacity – Land  | 4                  |
| Seating Capacity – Water | 2                  |

## TIRES & WHEELS

|                           |                    |
|---------------------------|--------------------|
| ARGO Tires                | ARGO XT117 25X12-9 |
| Wheel                     | Steel Airlock      |
| Ground Clearance – Tires  | 10 in (254 mm)     |
| Ground Clearance – Tracks | 11 in (279 mm)     |
| Ground Pressure - Tracks  | 0.88 psi (6.1 kPa) |

## FEATURES

|                         |           |
|-------------------------|-----------|
| Front Rack              | Accessory |
| Brushguard              | Accessory |
| Winch                   | Accessory |
| Full Skid Plate         | Standard  |
| Bilge Pump              | Standard  |
| Entry Step              | Accessory |
| Axle Bearing Extensions | Standard  |
| ROPS                    | Standard  |
| Rear Mesh               | N/A       |
| Roof                    | N/A       |
| Stretcher Frame         | Accessory |
| Cargo Box               | N/A       |
| Power Dump Box          | N/A       |

## COLORS

|                  |                          |
|------------------|--------------------------|
| Available Colors | Orange<br>Green<br>Black |
|------------------|--------------------------|