



## Yamaha Utility ATVs

Yamaha Utility ATVs are built with one goal in mind: easing the workloads of those in tough outdoor environments.

This philosophy is engineered in every detail. Like torque-heavy engines that get you moving when terrain is tricky, or loads are heavy; effort-reducing technologies like automatic transmission and Electric Power Steering; and ergonomic designs which mean you'll still feel comfortable after a long day in the saddle. Plus, they run economically and require low maintenance.

Yamaha Utility ATVs are tireless workhorses - but that's not all they are. When time permits, these vehicles pack the punch to give riders a big dose of fun, too.



- Liquid-cooled 421cc SOHC 2 valve
- Ultramatic® V-Belt Transmission L/H/N/R/P
- On-Command® drive system 2WD/4WD/4WD Diff lock
- The ultimate all-rounder
- Independent Rear Suspension
- Push button electric start
- Sealed rear wet brake
- Multifunctional LCD information panel
- Integrated and sturdy cargo racks
- Fuel-efficient & low-maintenance
- Optimum ergonomics

## A dependable worker on any terrain.

If your job combines heavy haulage with unpredictable ground conditions, the Grizzly 450 IRS is an unstoppable and dependable work partner that's ideal for busy days.

It's packed with intelligent technology that makes every job easier - from comprehensive LCD instrumentation and a 3-mode On-Command® system for fast selection between drive settings, to superb traction on every kind of terrain. It's also extremely fuel-efficient and has very low maintenance needs.

Taking on an extra-large job? A range of durable, practical accessories - from winches to ploughs to lighting kits - help you get the job done with minimum fuss.





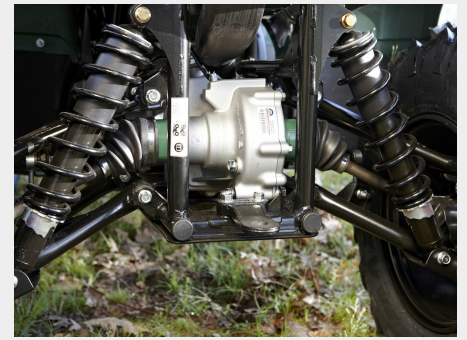
## Independent Rear Suspension (IRS)

Independently linking each individual rear wheel to the chassis means that the movement of one wheel is not affected by the movement of the other. This helps the ATV to soak up uneven terrain. It's a major contributor to rider comfort and peace of mind.



## On-Command® drive system

Yamaha's push-button On-Command 2WD/4WD system (with locked-differential 4WD) lets you switch between drive modes, giving near-instantaneous transition from cruising to climbing.



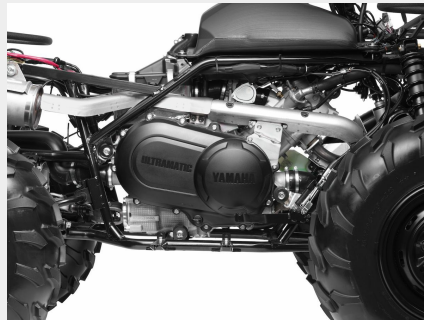
## Multi-disc wet braking

Yamaha's sealed oil-bathed multi-disc brake setup is ultra-durable, and protects the system from becoming clogged with the mud or stones that are thrown up during use. It also provides stronger, more consistent stopping power and is easier to adjust.



## Lightweight frame

A one-piece frame reduces weight as well as being strong and rigid construction. It incorporates an extra-durable rear gear assembly, connected at three (rather than the normal two) separate points for best-ever protection against the strains of regular, heavy-duty use. A short, springy stabilizer bar offers increased support.



## Powerful engine

Big power lies at the heart of the Grizzly 450 IRS. The liquid-cooled 421cc engine offers the kind of low-rpm torque needed to get the heaviest loads moving. In addition, Ultramatic® transmission supplies engine braking to your ATV's driven wheels especially on steep, downhill working areas.



## High cargo capacity

Offering generous storage capacity, the Grizzly 450 IRS can carry a maximum payload of 120 kg - 40 kg at the front, and 80 kg at the rear. A lightweight hitch mount is capable of towing heavy loads up to 600kg.

## Engine

Engine type	Single cylinder; Liquid-cooled; 4-stroke; SOHC; 2-valves
Displacement	421cc
Bore x stroke	84.5 mm x 75.0 mm
Compression ratio	10.0 : 1
Lubrication system	Wet sump
Fuel system	Carburettor BSR33/1
Ignition system	DC-CDI
Starter system	Electric
Transmission system	Ultramatic® V-belt with all wheel engine braking; H/L/N/R/P
Drive system	On-Command® 2WD/4WD/diff-lock
Final transmission	Shaft

## Chassis

Front suspension system	Independent double wishbone; 5 position preload adjustment; 160 mm wheel travel
Rear suspension system	Independent double wishbone; 5 position preload adjustment; 180 mm wheel travel
Front brake	Dual hydraulic disc
Rear brake	Sealed oil-bathed multi-disc
Front tyres	AT25x8-12
Rear tyres	AT25x10-12

## Loading limits

Front rack	40kg
Rear rack	80kg

## Dimensions

Overall length	1,993 mm
Overall width	1,093 mm
Overall height	1,120 mm
Seat height	840 mm
Wheelbase	1,233 mm
Minimum ground clearance	245 mm
Min. turning radius	3.0m
Fuel tank capacity	15.0litres
Oil tank capacity	2.6litres

## Additional features

Steering System	Ackermann-type
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# Grizzly 450 IRS

ATVs with engines up to 70cc are recommended for use only by riders 6 years and older and always with adult supervision. ATVs with engines of 70 to 90cc are recommended only for use by riders 12 years and older, and always under adult supervision. ATVs with engines of 90cc or greater are recommended for use only by riders 16 years and older. ATVs are built to operate within their design limits. Safe towable weights, together with maximum carrying capacity are identified in the owner's manual if applicable. For durability, reliability, but most important of all, operator safety, under no circumstances should the recommended capacities be exceeded. Yamaha recommends that all ATV riders take an approved training course. For safety and training information, see your dealer or call your Yamaha Distributor in your country. ATVs can be hazardous to operate. For your safety: always avoid paved surfaces. ATVs are designed for unpaved surfaces only. Riding on paved surfaces may seriously affect handling and control and can cause loss of control. Always wear a helmet, eye protection and protective clothing. Never carry any passengers. Never engage in stunt riding. Riding and alcohol/drugs don't mix. Avoid excessive speed and be particularly careful on difficult terrain. Please 'tread lightly': always ride in a responsible manner, respecting the environment as well as country and local laws. The riders in this brochure are professionals: don't attempt to emulate them. The specification and appearance of Yamaha products will be varied from time to time without notice, and as shown here are illustrative only and are not a contractual description of products. Some models are shown with optional accessories. All ATVs come with a 12-month Limited Factory Warranty, except for Banshee, which carries a 90-day Limited Factory Warranty. See your dealer for details.