



YFU-1 ProHauler

The YFU-1 Pro Hauler is a heavy-duty ATV that is hardworking, reliable and tough. Powered by a dependable, 229cc, 4-stroke engine, it can carry up to 466 lbs. on its dual racks while towing an 800 lb. load on a trailer.

On the farm, at the docks or in the wilderness, the Pro Hauler can get the job done. And its rugged suspension and soft balloon tires let it work where most vehicles can't even go.

Technical Highlights

- * Extra-large luggage rack provides a carrying capacity that's more than two times that of conventional ATVs.
- * High-torque 229.6cc 4-stroke engine with electric starting and dual-range transmission.
- * Front and rear suspension for added comfort.
- * Long wheelbase and wide track.
- * Differential makes carrying heavy loads at low speeds easy and minimizes the damage to turf.
- * Rugged tubular frame.

Technical Highlights

Engine and Drivetrain

The four-stroke, 229.6cc, SOHC, single-cylinder engine delivers strong low- to mid-rpm torque. An optional electric cooling fan is available for continued low-speed running with heavy loads. Starting the engine is a snap, thanks to the electric starter.

The dual-range transmission offers five forward and one reverse gears, and uses a synchronizer mechanism in the H-L-R select lever for smoother gearshifting.

The Pro Hauler uses a proven shaft final drive with differential which makes carrying or towing heavy loads at low speeds easy. It also minimizes the damage to turf. The differential is fitted with a locking mechanism which can be disengaged by pulling a lever at the right side of the body.

Chassis

The tubular steel frame is newly designed specially for heavy loads. It uses large-diameter tubes for added strength. To accommodate a large rear cargo bed (3.6 ft × 2.6 ft), the Pro Hauler has a long, 1500mm wheelbase and wide 910mm front track. With this long, wide chassis design and big racks, it can carry up to 466 lbs. (66 lbs. for the front and 400 lbs. for the rear rack) and it can haul 800 lbs. of load on a trailer at the same time.

A handy storage box is provided under the rear cargo bed, and a steel backing plate with

back protector for the driver also comes as standard equipment.

Independent swing axle (A-arm) front and swingarm rear suspension use hydraulic shock absorbers and offer good comfort. Wheel travel is 70mm in the front and 80mm in back.

The Pro Hauler uses a heavy-duty brake system. In the front are two 160mm mechanical drums, and a pair of 165mm hydraulic drums are used in the rear. These brakes feature new rubber sealing which virtually eliminates water and mud intrusion to the drum housing. A car-style parking brake is provided at the left side of the cockpit for added convenience.

Durable dished wheels carry AT22 × 8-10 front and AT23 × 12-9 rear balloon tires.

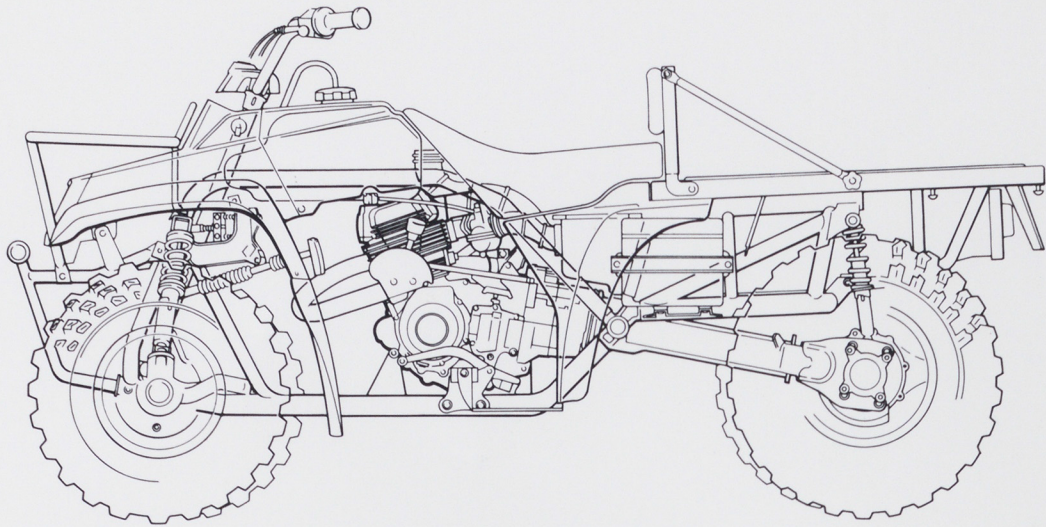
Electricals

The 12-volt electrical system uses an oversized lighting coil, powerful dual headlights and a 14Ah battery.

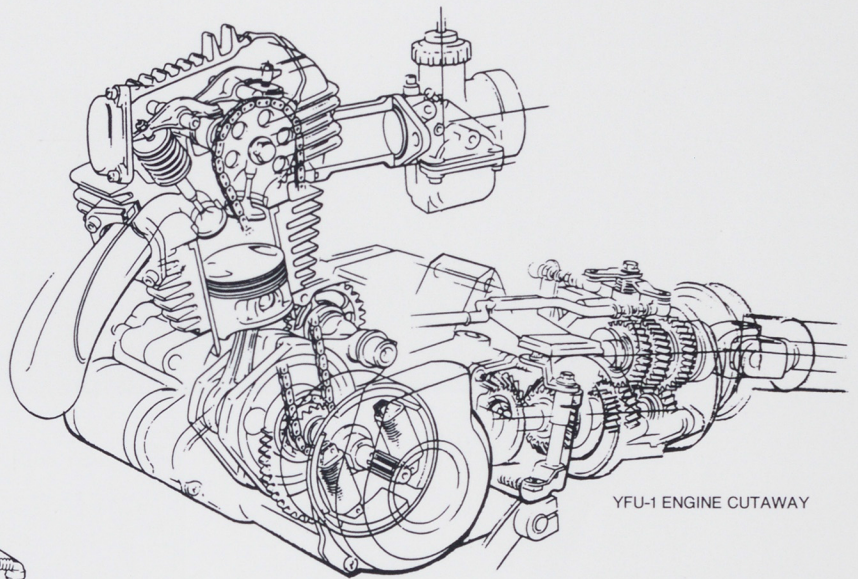
The Pro Hauler's full instrumentation includes a speedometer on the left front fender, and a separate panel for indicator lamps (parking brake, oil temperature, neutral, reverse and differential lock) on the steering column. A choke knob and ignition switch are conveniently situated in front of the driver's knees.

Others

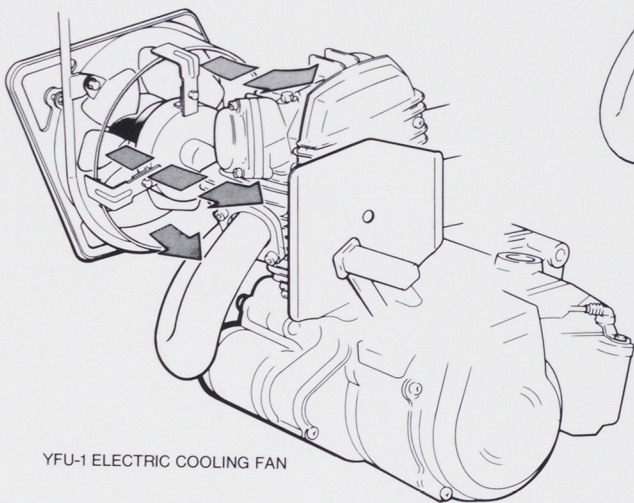
- * Large, 13-liter fuel tank.
- * Capacitor discharge ignition delivers strong spark and is water- and mud-proof.



YFU-1 SIDE PROFILE

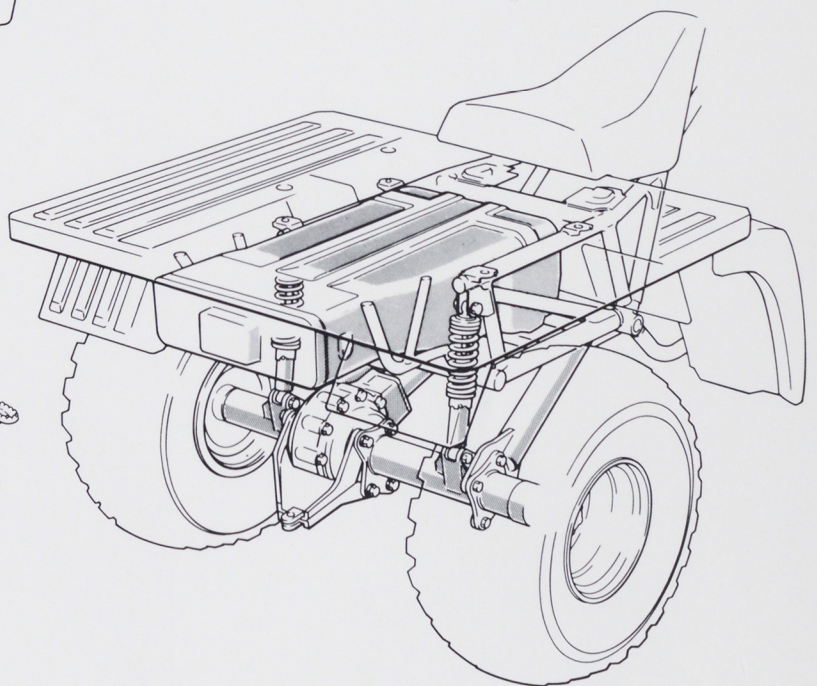
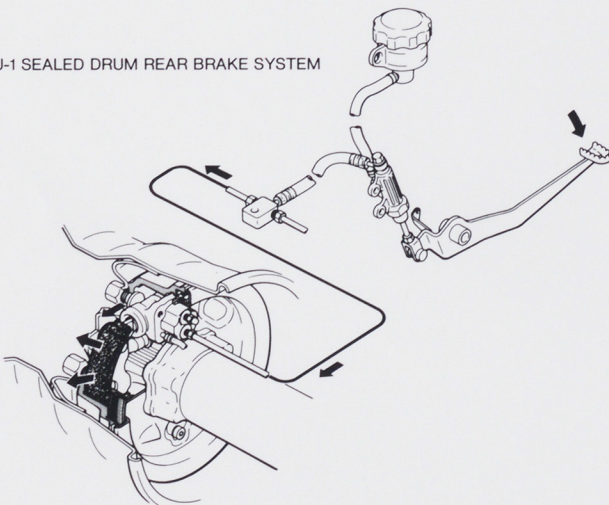


YFU-1 ENGINE CUTAWAY



YFU-1 ELECTRIC COOLING FAN

YFU-1 SEALED DRUM REAR BRAKE SYSTEM



YFU-1 REAR SUSPENSION AND CARGO BED

YFU-1 Pro Hauler SPECIFICATIONS

ENGINE

Type	4-stroke, air-cooled, SOHC, single cylinder
Displacement	229.6cc
Bore and stroke	71.0 × 58.0mm
Compression ratio	8.7:1
Maximum torque (ISO)	11.5 PS (8.5 kW) @6,000 rpm
Maximum torque (ISO)	1.7 kg-m (16.6 Nm) @4,000 rpm
Carburation	Mikuni VM22SH × 1
Ignition	Capacitor discharge
Starting	Electric
Lubrication	Wet sump
Oil capacity	2.8ℓ

Transmission

Type	5-speed, constant-mesh
Primary reduction ratio	73/22 (3.318)
Secondary reduction ratio	33/9 (3.667)
1st Gear ratio	34/12 (2.833)
2nd Gear ratio	34/19 (1.789)
3rd Gear ratio	29/22 (1.318)
4th Gear ratio	26/25 (1.040)
5th Gear ratio	23/28 (0.821)
Clutch type	Wet, multi-plate
Final drive	Chain

CHASSIS

Overall length	2,200mm
Overall width	1,200mm
Overall height	1,085mm
Wheelbase	1,500mm
Minimum ground clearance	160mm
Seat height	760mm
Dry weight	270.0 kg
Fuel tank capacity	13.0 ℓ

Suspension

Front	Swing axle, independent (70mm wheel travel)
Rear	Swingarm with monoshock (80mm wheel travel)

Brakes

Front	Dual mechanical drums
Rear	Single mechanical drum

Tyres

Front	AT22 × 8-10
Rear	AT23 × 12-9

Specifications subject to change without notice.