

# ADVENTURER SUPER HAULER



# SPECIFICATIONS

## STANDARD COLOR

GLACIER

Only available in Glacier.

### DIMENSIONS

OVERALL LENGTH	3,632 mm (143.0 in)
OVERALL WIDTH	1,346 mm (53.0 in)
OVERALL HEIGHT w/ Suntop	1,826 mm (71.9 in)
WHEELBASE	2,492 mm (98.1 in)
FRONT WHEEL TREAD	870 mm (34.3 in)
REAR WHEEL TREAD	980 mm (38.6 in)
MINIMUM GROUND CLEARANCE	114 mm (4.5 in)

### ENGINE / DRIVE TRAIN (Gas)

ENGINE TYPE	Yamaha-built, low-emission single cylinder 60° incline OHV
DISPLACEMENT	357 cc
BORE x STROKE	85 x 63 mm
HORSEPOWER	8.5 kW/3500 rpm (11.4 hp)
COMPRESSION RATIO	8.1:1
LUBRICATION SYSTEM	Splash-style positive oil lubrication
OIL CAPACITY	1 liter, 1000 cc (1 U.S. quart)
AIR CLEANER	Two-stage, urethane-foam pre-cleaner and high-capacity pleated paper cartridge
COOLING SYSTEM	Forced air
FUEL SYSTEM	Electronic fuel injection
IGNITION SYSTEM	Battery coil ignition
TRANSAXLE	EnduraDrive™ V-belt automatic forward/reverse transaxle equipped with high-precision helical gears, 11.40:1 drive axle ratio

### POWER SUPPLY / DRIVE TRAIN (Electric)

MOTOR	STANDARD: Hitachi 48-volt high-efficiency, shunt wound motor with internal solid state tachometer OPTIONAL: GE 48-volt high-efficiency, shunt wound motor with internal solid state tachometer (must be ordered in conjunction with optional 400 amp motor control unit)
OUTPUT RATING	2.6 kW (3.5 hp) for 30 minutes
MOTOR CONTROL UNIT	STANDARD: Yamaha-built solid state microprocessor with high-efficiency MOSFET switching, 270 amp armature output, 20 amp field output OPTIONAL: Solid state DC microprocessor-controlled MOSFET switching, 400 amp armature output, 30 amp field output (must be ordered in conjunction with optional GE 48-volt motor)
TRANSAXLE	EnduraDrive™ direct coupled transaxle equipped with high-precision helical gears, 12.49:1 drive axle ratio
BATTERIES	STANDARD: Six 8-volt Trojan T875 Batteries OPTIONAL: Eight 6-volt Trojan T105 Batteries
CHARGER	DPI 5-stage charger with I.E.I.-type charging profile. 14 amp DC max output at 48 volts, 10 amp 120 volt AC. Underwriters Laboratories (U.L.) Listed.

### CHASSIS

FRAME	HybriCore™ Chassis features a robotically welded automotive ladder-style frame mated to a polypropylene structural floor. Frame components are protected with a multi-step full-immersion phosphate treatment, electro-deposition epoxy-based coating, and an electrostatically applied polyester/urethane powder topcoat
BODY	Custom-formulated thermoplastic olefin painted with a two-part top coat of high-luster automotive-grade polyurethane
STEERING	Self-compensating single reduction helical rack-and-pinion, permanently lubricated with sealed, greaseless tie-rod ends
FRONT SUSPENSION	Tru-Trak II™ fully independent automotive-style strut suspension
REAR SUSPENSION	Unit swing arm with coil springs over hydraulic shock absorbers
BRAKES	Maintenance-free internal transaxle disc brake
SEATING	Seamless, fabric-backed vinyl bonded to pure, virgin foam contoured seat cushions and mated to a warp- and moisture-resistant polypropylene bottom, strengthened with plated steel inserts
BUMPERS	Front 5 mph energy-absorbing bumpers

### PERFORMANCE

MAX FORWARD SPEED (Gas)	24 km/h (15 mph)
MAX FORWARD SPEED (Electric)	STANDARD: 24 km/h (15 mph) OPTIONAL: 31 km/h (19 mph) with speed kit (only available with standard Hitachi motor and Yamaha built 270 amp motor control unit)
MAX REVERSE SPEED (Gas)	18.4 km/h (11.4 mph)
MAX REVERSE SPEED (Electric)	8.1 km/h (5 mph)
TURNING RADIUS	3.4 m (13.5 ft)

### GENERAL

DRY WEIGHT (Gas)	405 kg (893 lbs)
DRY WEIGHT (Electric less batteries)	344 kg (758 lbs)
CARGO BOX MATERIAL	Powder coated Aluminum
CARGO BOX CAPACITY	363 kg (800 lbs) Gas and Electric models with GE motor/400 amp motor control unit 181 kg (400 lbs) for model with standard Hitachi motor and 270 amp motor control unit
CARGO BED SIZE	1,829 mm (72.0 in) L x 1,219 mm (48.0 in) W x 178 mm (7.0 in) H
FUEL TANK CAPACITY (Gas only)	22.0 liters (5.8 U.S. gal)
TIRE SIZE	18.50 x 8.50-8.00 DOT (6-ply rating)
AVAILABLE PAINT COLORS	Glacier
AVAILABLE TOP COLORS	Black
AVAILABLE SEAT COLOR	STANDARD: Black OPTIONAL: Stone

### WARRANTY

WARRANTY	Standard 2-year limited vehicle warranty
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Specifications subject to change without notice.