

Super Hauler Electric Specifications

DIMENSIONS

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

POWER SUPPLY/DRIVE TRAIN

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	STANDARD: 3.5 hp (2.6 kW) for 30 minutes OPTIONAL GE Motor: 3.8 hp (2.8 kW) for 30 minutes
MOTOR CONTROL UNIT	STD: Yamaha-built solid state microprocessor with high-efficiency MOSFET switching. 270 amp armature output, 20 amp field output OPT: Solid state DC microprocessor-controlled MOSFET switching. 400 amp armature output, 30 amp field output (must be ordered in conjunction with opt. 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 robotic welded automotive ladder-style steel frame mated to a polypropylene structural floor. Frame is protected with a multi-step full-immersion phosphate treatment, electro-deposition epoxy-based coating, and a electrostatic applied polyester/urethane powder topcoat
BODY	FRONT: Custom-formulated thermoplastic olefin; front is painted with a two-part topcoat of high-luster automotive grade polyurethane REAR: Powder Coated Aluminum
STEERING	Self-compensating double reduction helical rack-and-pinion, permanently lubricated with sealed bearings and 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
BUMPER	Front 5 mph energy-absorbing bumper

PERFORMANCE

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

GENERAL

DRY WEIGHT (less batteries)	758 lbs (344 kg)
CARGO BOX MATERIAL	Aluminum with Powder Coated Aluminum Rails
CARGO BED CAPACITY	STANDARD: 400 lbs (181 kg) for model with standard Hitachi motor and 270 amp motor control unit OPTIONAL: 800 lbs (363 kg) with GE motor/400 amp motor control unit
CARGO BED SIZE (LxWxH)	72.0 in (1,829 mm) x 48.0 in (1,219 mm) x 7.0 in (178 mm)
SEATING CAPACITY	2 persons
TIRE SIZE	18.00 x 8.50-8.00 (6-ply rating)
AVAILABLE PAINT COLORS	Glacier
AVAILABLE TOP COLOR	Black
AVAILABLE SEAT COLOR	STANDARD: Black OPTIONAL: Stone

WARRANTY

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