

CONCIERGE 4



SPECIFICATIONS

DIMENSIONS

OVERALL LENGTH	3250 mm (128.0 in)
OVERALL WIDTH	1200 mm (47.2 in)
OVERALL HEIGHT (w/o Suntop)	1190 mm (46.9 in)
WHEELBASE	2492 mm (98.1 in)
FRONT WHEEL TREAD	870 mm (34.3 in)
REAR WHEEL TREAD	980 mm (38.6 in)
MINIMUM GROUND CLEARANCE	112 mm (4.4 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
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	Transistor magneto ignition
TRANSAXLE	Mechanical, 2 rear wheel
MAXIMUM TORQUE	25.5 / 2,500 Nm/rpm
STARTING SYSTEM	Starter / Generator

MOTOR / DRIVE TRAIN / POWER SUPPLY (Electric)

MOTOR	Hitachi 48-volt high-efficiency, shunt wound motor with internal solid state tachometer
OUTPUT RATING	2.6 kW (3.5 hp) for 30 minutes
MOTOR CONTROL UNIT	Yamaha-built solid state microprocessor with high-efficiency MOSFET switching. 270 amp armature output, 20 amp field output
TRANSAXLE	Mechanical, 2 rear wheel
BATTERIES	STANDARD: Six 8-volt Trojan T875 Batteries OPTIONAL: Eight 6-volt Trojan T105 Batteries
CHARGER	YAMAHA-built automatic microprocessor-based high frequency switching regulated charger.

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 phosphate treatment, electro-deposition epoxy-based coating, and an electrostatically applied polyester/urethane powder topcoat
BODY (FRONT/REAR)	Injection molded resin
BODY (INTERMEDIATE)	Custom-formulated thermoplastic olefin
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	Mono-linkage
BRAKES	Self adjusting rear wheel mechanical drum
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 and rear 5 mph energy-absorbing bumpers

PERFORMANCE

MAX FORWARD SPEED (Gas)	24 km/h (15 mph)
MAX FORWARD SPEED (Electric)	24 km/h (15 mph)
MAX REVERSE SPEED (Gas)	16 km/h (10 mph)
MAX REVERSE SPEED (Electric)	8.1 km/h (5 mph)
TURNING RADIUS	4.24 m (13.9 ft)

GENERAL

DRY WEIGHT (Gas)	388 kg (855 lbs)
DRY WEIGHT (Electric less batteries)	320 kg (720 lbs)
DRY WEIGHT w Trojan T-875 batteries	491 kg (1082.5 lbs)
FUEL TANK CAPACITY (Gas only)	22.0 liters (5.8 U.S. gal)
TIRE SIZE	18.00 x 8.50-8.00 (4-ply rating)
SEATING CAPACITY	4 persons
AVAILABLE PAINT COLORS	Glacier, Emerald, Tanzanite, Sandstone Metallic, Moonstone Metallic, Onyx Metallic, Jasper Metallic
AVAILABLE SEAT & SUNTOP COLOR	Stone

WARRANTY

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

CHOOSE YOUR COLOR

Your choice of seven lustrous colors, including 4 brilliant metallics.

