



2004 ST 480 PRODUCT SPECIFICATIONS

STANDARD EQUIPMENT:

Engine:	16.0 H.P. (11.9 KW) Rated, 4 cycle, 29 ci (480 cc) V-Twin cylinder, air cooled, by Briggs & Stratton.
Valve Train:	Overhead Valve.
Lubrication:	Pressurized oil system, spin-on oil filter.
Balancer:	Internal counter rotating balance shaft.
Ignition:	Menetron Ignition with self-contained transistor mode.
Carburetor:	Fixed jet float bowl with remote pulse fuel pump.
Air Cleaner:	Replacable dry cartridge with washable, permanent pre-filter and remote air intake.
Electrical System:	Starter/Generator, solid state regulator, 12 volt maintenance free battery, 515 CCA, 82 minute reserve.
Drive Train:	Locking rear differential – Operator selected. Automatic, continuously variable transmission (CVT).
Transaxle:	High efficiency differential with steel helical gears, 13.32:1 ratio, ground speed governor, forward/reverse.
Brakes:	Dual rear wheel self-adjusting hydraulic brakes, hand operated parking brake.
Front Suspension:	Heavy duty leaf springs with hydraulic shock absorbers.
Rear Suspension:	Heavy duty leaf springs with hydraulic shock absorbers.
Steering:	Self-compensating single reduction rack and pinion.
Seating:	Vacuum formed fabric backed vinyl covers over thick cushion foam. Standard seating for operator and one passenger.
Fuel System:	6.0 gallon (22.8L) tank with analog fuel gauge in instrument panel.
Speed:	15.5 – 16.5 MPH (25 – 27 KPH)

DIMENSIONAL SPECIFICATIONS:

Weight:	1100 lbs. (499kg), dry; fuel capacity 31 lbs. (14kg)
Length:	110.5 inches (2.81 m)
Width:	49.8 inches (1.26 m) (outside at bed)
Height:	49 inches (1.24 m) (top of steering wheel)
Ground Clearance:	6.0 inches (0.15 cm) (at differential)
Wheel Base:	77 inches (1.96 m)
Front Wheel Tread:	38.5 inches (0.98 m)
Rear Wheel Tread:	38.0 inches (0.97 m)
Turning Clearance Dia:	23.5 feet (7.2 m)
Tires:	22 x 9 x 10 Stryker 1 (4 ply rated)
Load Capacity:	800 lbs. (363kg) including operator, passenger, accessories and cargo 500 lbs. (227 kg) max. cargo bed load.
Load Bed Size:	45 inches wide, 36 inches long, 13.75 inches deep, (114cm x 91cm x 35cm)
Load Bed Volume:	13 cubic feet (0.37 cubic meters)

FEATURES:

Body:	Front: Flexible impact resistant front cowl. Rear: Lightweight, replaceable, steel panels.
Finish:	Durashield™ powder primer and top coat.
Body Protection:	Flexible front fender flair and rear fenders, tubular steel front bumper with brush guards.
Cargo bed:	Rotomolded polybox. Quick release for easy service access. Hinged, removable tailgate.
Chassis:	Welded high yield strength tubular steel with Durashield™ powder coat paint.
Hitch:	Front and Rear 2 inch receivers.
Safety:	Dash mounted key switch, reverse warning indicator, “deadman” accelerator control, integral handgrip on hip restraints, manual forward/reverse selector with neutral lock, halogen headlights, powertrain skid plate, and Horn.
Dash Panel:	Instrument Panel with four drink holders.
Steering Wheel:	Sport Model.

Specifications subject to change without notice.