



A Textron Company

MODEL: ST 480
TYPE: GASOLINE POWERED TRUCK
MODEL YEAR: 2009
Part No.: 76211



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

- Engine:** 16 hp (11.9 kW) rated, 4 cycle, 29.2 ci (480 cc) V-Twin, air-cooled Vanguard
- **Valve Train:** Overhead valve
 - **Lubrication:** Pressurized oil system, spin-on oil filter
 - **Balancer:** Internal counter rotating balance shaft
 - **Fuel System:** Fixed float bowl with remote pulse fuel pump
 - **Ignition:** Electronic spark/magneto
 - **Air Cleaner:** Replaceable dry cartridge w/permanent pre-filter/remote air
- Electrical:** Starter/Generator, solid-state regulator, 12 Volt maintenance free battery (525 CCA, 60 minute reserve)
- Drive Train:** Automatic, continuously variable transmission (CVT). Locking rear axle (Operator selectable from center console)
- Brakes:** Dual rear wheel hydraulic self-adjusting drum brakes. Hand operated park brake located in center console
- Transaxle:** Differential with helical gears, ground speed governor, forward/reverse
- Seating:** Two bucket seats
- Cargo Bed:** Roto-molded cross-linked polyethylene. Lifts for access to powertrain. Removable hinged multi-position tailgate requires no latch mechanism

PRODUCT OVERVIEW

Dimensions

Overall Length	110.5 in (281 cm)
Overall Width	50.0 in (127 cm)
Overall Height (No Canopy)	49.0 in (125 cm) (Top of steering wheel)
Overall Height (With Canopy)	75.0 in (191 cm)
Wheel Base	77.0 in (196 cm)
Front Wheel Track	38.0 in (96 cm)
Rear Wheel Track	38.5 in (97 cm)
Gnd Clearance @ Differential	6.0 in (15 cm)
Cargo Box Width (inside)	44.0 in (112 cm)
Cargo Box Length (inside)	36.0 in (91 cm)
Cargo Box Depth (inside)	10.5 in (27 cm)
Cargo Box Capacity	9.6 cu ft (0.27 m ³)
Cargo Box Material	Roto-molded polyethylene

Vehicle Power Cont.

Gear Selection	Forward-Reverse
Rear Axle Ratio	13.32:1

Performance

Seating Capacity	2 Persons
Dry Weight	1100 lb (500 kg)
Curb Weight	1140 lb (520 kg)
Bed Load Capacity	500 lb (225 kg)
Vehicle load capacity	800 lb (360 kg)
Outside Clearance Circle	23.5 ft (7.2 m)
Intersecting Aisle Clearance	N/A
Speed (Level Ground)	16 mph ± 0.5 mph (25.7 kph ± 0.8 kph)
Towing Capacity	500 lb (225 kg)

Steering & Suspension

Steering	Self-compensating rack and pinion
Front Suspension	Leaf springs with hydraulic shock absorbers
Rear Suspension	Leaf springs with hydraulic shock absorbers
Service Brake	Rear wheel hydraulic self-adjusting drum
Parking Brake	Hand operated
Front Tires	Stryker 22 x 9 - 10 Uni-Directional
Rear Tires	Stryker 22 x 9 - 10 Uni-Directional

Vehicle Power

Power Source	4 cycle, 29.2 ci (480 cc)
Valve Train	V Twin Cylinder OHV
Horsepower (kW)	16.0 hp (11.9 kW) rated
Electrical System	Starter/Generator, solid-state regulator
Battery (Qty, Type)	One 12 Volt maintenance free
Key or Pedal Start	Pedal Start
Air Cleaner	Dry cartridge w/permanent pre-filter/remote air
Lubrication	Pressurized oil system
Oil Filter	Spin-on oi filter
Cooling System	Air cooled
Fuel Capacity	5.8 gallon (22.0 L) tank
Drive Train	Continuously variable transmission (CVT)
Differential	Helical gears with manual lock-up

Body & Chassis

Frame	Welded steel with DuraShield™ powder coat
Front Body & Finish	Injection molded Gelyo XTW
Rear Body & Finish	Steel. Base coat/clear coat
Standard Color	Forest Green

Some items shown may be optional equipment



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OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)*

Item	Std	Opt	Fld	Item	Std	Opt	Fld
TIRES & WHEELS:				OTHER PERFORMANCE:			
Front				Ash Tray			
Stryker 22 x 9 - 10 Uni-directional	●			Engine Skid Plate	●		
Turf Saver 20 x 10 - 10		●		Front Basket Kit		●	
Rear:				Glove Box Door (Locking) Driver Side			
Stryker 22 x 9 - 10 Uni-directional	●			Glove Box Door (Locking) Passenger Side		●	
Turf Saver 20 x 10 - 10		●		Gun Holder, Floor Mount		●	
COLORS:				High Altitude Jetting 5000-7500 ft (1500-2285 m)			
Body Color (Forest Green)	●			High Altitude Jetting 7500-10000 ft (2285-3000 m)		●	
Body Color (Ivory)		●		Rear Basket Kit		●	
Body Color (Orange)		●		Rear View Mirror (Sun Canopy Required)			●
Body Color (Cloud Grey)		●		Top Cap Advantage Camo)			●
Body Color (Patriot Blue)		●		Top Cap HDT Camo)			●
Body Color (Inferno Red)		●		ELECTRICAL:			
Body Color (Steel Blue)		●		12 Volt Power Outlet	●		
Body Color (Metallic Charcoal)		●		Brake Lights		●	
Body Color (Yellow)		●		CE Kit		●	
Body Color (Bright White)		●		Fuel Gauge	●		
Body Color (Flame Red)		●		Headlights	●		
Body Color (Black)		●		Horn	●		
Body Color (Electric Blue)		●		Hour Meter		●	
Body Color (Platinum)		●		Low Oil Indicator	●		
Custom Body Color		●		Turn Signals with 4-Way Flashers		●	
Bucket Seats:				Winch			
Seat Color (Tan)	●			WEATHER PROTECTION:			
Seat Color (Brown)		●		Brush Guard Cage for Windshield & Top			●
Seat Color (White)		●		Sun Canopy (Top) Brown (Brush Guard Cage Required)			●
Seat Color (Gray)		●		Sun Canopy (Top) Tan			●
Seat Color (Black)		●		Sun Canopy (Top) Tan (Brush Guard Cage Required)			●
HAULING & TOWING:				Sun Canopy (Top) Brown			
1 7/8 in (48 mm) Ball (Rcvr Req'd)		●		Weather Enclosure, Adv Camo (3 Side, Top/Windshld Req'd)			●
1 7/8 in (48 mm) Ball, Drop (Rcvr Req'd)		●		Weather Enclosure, HDT Camo (3 Side, Top/Windshld Req'd)			●
2 in (5 cm) Receiver (Front & Rear)	●			Weather Enclosure, Tan (3 Side, Top & Windshield Required)			●
Angle (Rcvr Req'd)		●		Windshield (Brush Guard Cage Required)			●
Angle, Drop (Rcvr Req'd)		●		Windshield Flat			●
Clevis (Rcvr Req'd)		●		Windshield Flat Lexan®			●
Clevis, Drop (Rcvr Req'd)		●		Windshield Fold Down			●
Load Bed Delete		●		Windshield Fold Down Lexan®			●
Power Dump (Electric)		●		Windshield Fold Down Lexan®			●
Trailer, Dump (Poly Bed)			●				
Trailer, Dump (Steel Bed)			●				