



A Textron Company

MODEL: TE 5
TYPE: ELECTRIC POWERED PERSONNEL CARRIER
MODEL YEAR: 2009
Part No.: 600924



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

Precision Drive System™ (PDS): Factory programmable to application

- Solid State continuously variable separately excited speed controller
- Dash mounted direction selector switch (Forward-Neutral-Reverse)
- Anti-roll back, walkaway braking and alarm
- Anti-stall motor protection
- Regenerative 'Pedal Down' and/or 'Pedal Up' braking
- Eight, 6 Volt Deep Cycle
- Full torque, reduced speed reverse
- Inductive throttle sensor
- Diagnostic indicator
- Factory selectable performance options

Battery Charger: Delta Q, 48 VDC. H120/230 VAC 50/60 Hz. Underwriters Laboratories (U.L.) Listed, (C.S.A. Certified)
Motor: 48 volt DC shunt wound, brazed armature, solid copper windings. Non-vented 15.2 hp (11.3 kW) at 1600 rpm (1hour)
Drive Train: Direct motor shaft connected to transaxle pinion shaft
Electrical System: 48 Volt DC, eight, 6 volt deep cycle storage batteries (107 minute, 225 amp-hour @ 20 hr. discharge rate)
Transaxle: Differential with helical gears
Brakes: Dual rear wheel mechanical self-adjusting drum brakes/Hydraulic front discs. Automatic single point park brake release with self-compensating system

PRODUCT OVERVIEW

Dimensions		Performance	
Overall Length	120.0 in (305 cm)	Seating Capacity	5 Person
Overall Width	46.5 in (119 cm)	Dry Weight	710 lb (320 kg) (Without Batteries)
Overall Height (No Canopy)	48.6 in (123 cm) (Top of steering wheel)	Curb Weight	1200 lb (540 kg)
Overall Height (With Canopy)	72.0 in (183 cm)	Vehicle load capacity	1198 lb (540 kg)
Wheel Base	93.5 in (237 cm)	Outside Clearance Circle	25.5 ft (7.8 m)
Front Wheel Track	34.2 in (86.7 cm)	Intersecting Aisle Clearance	N/A
Rear Wheel Track	38.0 in (97 cm)	Speed (Level Ground)	13 mph ± 0.5 mph (21 kph ± 0.8 kph)
Gnd Clearance @ Differential	4.3 in (11 cm)	Steering & Suspension	
Vehicle Power		Steering	Self-compensating rack and pinion
Power Source	48 Volts DC	Front Suspension	Leaf springs with hydraulic shock absorbers
Motor Type	Shunt Wound	Rear Suspension	Leaf springs with hydraulic shock absorbers
Horsepower (kW)	15.2 hp (11.3 kW) @ 1600 rpm	Service Brake	Rear wheel mechanical self-adjusting drum/Hydraulic front discs
Electrical System	48 Volt	Parking Brake	Self-compensating, single point engagement
Batteries (Qty, Type)	Eight, 6 Volt Deep Cycle	Front Tires	Links 18 x 8.50 - 8 (4 Ply Rated)
Key or Pedal Start	Pedal Start	Rear Tires	Links 18 x 8.50 - 8 (4 Ply Rated)
Battery Charger	48 VDC Delta Q, 120/230 VAC, UL & CSA	Body & Chassis	
Speed Controller	400 Amp Precision Drive System (PDS)	Frame	Welded steel. DuraShield™ powder coat
Drive Train	Motor Shaft Direct Drive	Body & Finish	Injection molded TPO
Transaxle	Differential with helical gears	Seat Pod	Fiberglass & Gelcoat
Gear Selection	Dash Mounted Forward-Neutral-Reverse	Standard Color	Champagne
Rear Axle Ratio	14.7:1		

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:				Individual Key Switch		●	
Front:				Unique Group Key Switch		●	
Links 18 x 8.50 - 8 (4 Ply Rated)	●			Turn Signals with 4-Way Flashers		●	
USA Trail 18 x 8.50 - 8 (Load Range C)		●		State of Charge Meter	●		
Rear:				OTHER PERFORMANCE:			
Links 18 x 8.50 - 8 (4 Ply Rated)	●			Ash Tray		●	
USA Trail 18 x 8.50 - 8 (Load Range C)		●		Center Basket		●	
Wheel Covers:				Rear View Mirror (Sun Canopy Required)			●
Spoke, Black & Gold		●		WEATHER PROTECTION:			
Spoke, Black & Silver		●		Sun Canopy 82 in (208 cm) (Champagne)			●
Chrome 6 in (15 cm)		●		Windshield Flat			●
Chrome 8 in (20 cm)		●		Windshield Fold Down			●
COLORS:				Windshield Rear			●
Body Color (Champagne)	●						
Body Color (Hunter Green)		●					
Custom Body Color		●					
Pin Stripes:							
Gold		●					
Dark Green		●					
White		●					
Black		●					
Red		●					
Burgundy		●					
Non Standard Color		●					
Seating:							
Seat Color (Oyster)	●						
Seat Color (Tan)		●					
Seat Color (Gray)		●					
Custom Seat Color		●					
ELECTRICAL:							
Battery Chargers:							
48 VDC PowerWise™, 120 VAC, UL & CSA		●					
48 VDC PowerWise™ SCR, 120 VAC, 50/60 Hz (Japan)		●					
48 VDC PowerWise™, 230 VAC, 50 Hz		●					
48 VDC Delta-Q, 10 ft (3 m) DC Cord	●						
48 VDC Delta-Q, 18 ft (5.5 m) DC Cord							
Battery Charger Delete		●					
Miscellaneous:							
Accessory Harness		●					
Batteries Trojan T145-Lo Profile		●					
Brake Lights		●					
Fender Scuff Guard		●					
Front Disc Brakes	●						
Head Lights		●					
Horn	●						
Horn Delete		●					
Hour Meter		●					