



A Textron Company

MODEL: INDUSTRIAL 875 (2 PASSENGER)

**TYPE: 48 VOLT ELECTRIC POWERED
PERSONNEL CARRIER**

MODEL YEAR: 2009

Part No.: 600410



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

- Battery Charger:** On-board, Delta Q. Underwriters Laboratories. (U.L.) Listed, (C.S.A. Certified)
- Input: 100 – 240 Volt, 50/60 Hz, 10/5 amp
 - Output: 48 VDC at 18 amp. 14.5 amp @ 100 VAC
- Motor:** 48 Volt DC shunt wound, brazed armature, solid copper windings. Non-vented 15.2 hp (11.3 kW) @ 1600 rpm (1 hour)
- Drive Train:** Direct motor shaft connected to transaxle pinion shaft
- Electrical System:** 48 Volt DC, eight, 6 volt deep cycle batteries (115 minute minimum, 225 amp-hour @ 20 hr. discharge rate) in two swing out battery trays
- Transaxle:** Differential with helical gears
- Brakes:** Dual rear wheel hydraulic 7 in (18 cm) self-adjusting drum brakes. Front hydraulic brakes optional. Mechanical hand operated park brake
- Cargo Bed:** Plywood 75 in x 41 in (191 x 105 cm). Lifts for access to powertrain.
- Capacity:** Seating for 2 persons

PRODUCT OVERVIEW

Dimensions		Performance	
Overall Length	114.0 in (290 cm)	Capacity	2 Persons
Overall Width	44.5 in (113 cm)	Dry Weight	1225.0 lb (560 kg) (Without Batteries)
Overall Height (Steering Wheel)	46.0 in (117 cm)	Curb Weight	1720.0 lb (780 kg)
Overall Height (Optional Cab)	72.0 in (183 cm)	Cargo Deck Load Capacity	2500 lb (1135 kg)
Wheel Base	66.0 in (168 cm)	Vehicle load capacity	3000 lb (1360 kg)
Front Wheel Track	36.8 in (93 cm)	Outside Clearance Circle	22.0 ft (6.7 m)
Rear Wheel Track	36.3 in (92 cm)	Intersecting Aisle Clearance	84.0 in (213 cm)
Gnd Clearance @ Differential	4.75 in (12 cm)	Speed (Level Ground)	13 mph ± 0.5 mph (21 kph ± 0.8 kph)
Cargo Deck Width	41.5 in (105 cm)	Steering & Suspension	
Cargo Deck Length	75.0 in (191 cm)	Steering	Worm Gear
Cargo Deck Load Height	29.0 in (74 cm)	Front Suspension	Independent, Transverse Leaf Spring, Shocks
Cargo Deck Material	Heavy Duty Plywood	Rear Suspension	Leaf Springs & Shock Absorbers
Vehicle Power		Service Brake	Rear Wheel Hydraulic Drum. Front Optional
Power Source	48 Volts DC	Parking Brake	Hand Operated Mechanical
Motor Type	Shunt Wound	Front Tire	5.70 x 8 (Load Range C)
Horsepower (kW)	15.2 hp (11.3 kW) @ 1600 rpm	Rear Tires	5.70 x 8 (Load Range C)
Electrical System	48 Volt	Body & Chassis	
Batteries (Qty, Type)	Eight, 6 Volt Deep Cycle, Swing Out Batteries	Frame & Body	Welded steel with DuraShield™ powder coat
Key or Pedal Start	Pedal Start	Body & Finish	Diamond plate ptn. Polyester primer + acrylic
Battery Charger	48 V On-Board, Delta Q 120 VAC, UL/CSA	Standard Color	Yellow
Speed Controller	Solid State 400 Amp Precision Drive System		
Drive Train	Motor Shaft Direct Drive		
Transaxle	Differential with Helical Gears		
Gear Selection	Dash Mounted Forward-Neutral-Reverse		
Rear Axle Ratio	14.76:1		

Some items shown may be optional equipment

