



A Textron Company

MODEL: INDUSTRIAL 1000
TYPE: ELECTRIC POWERED TRUCK
MODEL YEAR: 2009
Part No.: 76242



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
- Full torque, reduced speed reverse
- Inductive throttle sensor
- Diagnostic indicator
- Factory selectable performance options

Battery Charger: 48 VDC PowerWise™, 120/230 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 2.5 hp (1.9 kW) @ 2700 rpm (1 hour)

Drive Train: Direct motor shaft connected to transaxle pinion shaft

Electrical System: 48 Volt DC, eight, 6 volt deep cycle storage batteries batteries (115 minute minimum, 225 amp-hour @ 20 hr. discharge rate)

Transaxle: Differential with helical gears

Brakes: Dual rear wheel mechanical self-adjusting drum brakes. Automatic single point park brake release with self-compensating system

Cargo Bed: Roto-molded cross-linked polyethelene. Lifts for access to powertrain. Removable hinged multi-position tailgate requires no latch mechanism

PRODUCT OVERVIEW

Dimensions

Overall Length	110.5 in (280 cm)
Overall Width	49.8 in (126 cm)
Overall Height (No Canopy)	46.5 in (118 cm) (Top of steering wheel)
Overall Height (With Canopy)	72.0 in (183 cm)
Wheel Base	77.0 in (196 cm)
Front Wheel Track	37.5 in (95 cm)
Rear Wheel Track	38.0 in (97 cm)
Ground Clearance (at Differential)	4.3 in (11 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 m3)
Cargo Box material	Roto-molded polyethylene

Vehicle Power

Power Source	48 Volts DC
Motor Type	Shunt Wound
Horsepower (kW)	2.5 hp (1.9 kW) @ 2700 rpm
Electrical System	48 Volt
Batteries (Qty, Type)	Eight, 6 Volt Deep Cycle
Key or Pedal Start	Pedal Start
Battery Charger	48 V Delta Q with 10' DC Cord
Speed Controller	400 Amp Precision Drive System (PDS)
Drive Train	Motor Shaft Direct Drive
Transaxle	Differential with helical gears

Gear Selection	Dash Mounted Forward-Neutral-Reverse
Rear Axle Ratio	14.7:1

Performance

Seating Capacity	2 Person
Dry Weight	810 lb (370 kg) (Without Batteries)
Curb Weight	1300 lb (590 kg)
Bed Load Capacity	600 lb (270 kg)
Vehicle load capacity	1000 lb (450 kg)
Outside Clearance Circle	22.0 ft (6.7 m)
Intersecting Aisle Clearance	N/A
Ground Speed (Level Ground)	13 mph ± 0.5 mph (21 kph ± 0.8 kph)
Towing Capacity	600 lb (270 kg) max load

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 mechanical self-adjusting drum
Parking Brake	Self-compensating, single point engagement
Front Tires	5.70 x 8 - 8 (Load Range C)
Rear Tires	5.70 x 8 - 8 (Load Range C)

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	Yellow

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:				Headlights & Taillights			
Front & Rear:				Strobe Light			
5.70 x 8 - 8 (Load Range C)	●			Turn Signals with 4-Way Flashers			
18.50 x 8.50 - 8 (Load Range C)		●		Work Lights			
Wheel Covers:				Work Lights with Strobe Light			
Spoke, Black & Gold		●		Miscellaneous:			
Spoke, Black & Silver		●		CE Kit			
COLORS:				Certification Module 'E'			
Body Color (Yellow)	●			Certification Module 'EE'			
Body Color (Champagne)		●		Horn			
Body Color (Hunter Green)		●		Hour Meter			
Body Color (Bright White)		●		State of Charge Meter			
Body Color (Black)		●		Unique Individual Key Switch			
Body Color (Flame Red)		●		WEATHER PROTECTION:			
Seating:				Brush Guard Cage for Windshield & Top			
Seat Color (Black)	●			Sun Canopy (Top) Champagne			
Seat Color (Oyster)		●		Sun Canopy (Top) Tan			
Seat Color (White)		●		Sun Canopy (Top) Tan (Brush Guard Cage Required)			
Seat Color (Tan)		●		Weather Enclosure, Tan (3 Side, Top & Windshield Req'd)			
HAULING & TOWING:				Weather Enclosure, White (3 Side, Top & Windshield Req'd)			
1 7/8 in (48 mm) Ball (Rcvr Req'd)		●		Windshield (Brush Guard Cage Required)			
1 7/8 in (48 mm) Ball, Drop (Rcvr Req'd)		●		Windshield Flat			
2 in (5 cm) Receiver (Rear)		●		Windshield Flat Lexan®			
Angle Hitch (Rcvr Req'd)		●		Windshield Fold Down			
Angle Hitch, Drop (Rcvr Req'd)		●		Windshield Fold Down Lexan®			
Clevis Hitch (Rcvr Req'd)		●		VEHICLE CAB:			
Clevis Hitch, Drop (Rcvr Req'd)		●		Steel Cab (Tan):			
Power Dump (Electric)			●	Steel Cab (White):			
Trailer, Dump (Poly Bed)			●	Steel Cab (Non Standard Color):			
Trailer, Dump (Steel Bed)			●	Beacon, Amber (Cab Required)			
OTHER PERFORMANCE:				Defroster/Fan (Cab Required)			
Ash Tray		●		Dome Light (Cab Required)			
Differential Guard		●		Doors (Steel) Tan (Cab Required)			
Front Bumper & Guard (Black)		●		Doors (Steel) White (Cab Required)			
Front Hydraulic Disc Brakes		●		Doors (Steel) Non Standard Color (Cab Required)			
Glove Box Door (Locking) Driver Side		●		Doors (Vinyl) Tan (Cab Required)			
Glove Box Door (Locking) Passenger Side		●		Rear View Mirror (Cab Required)			
Rear View Mirror (Sun Canopy Required)			●	Windshield Wiper (Cab Required)			
ELECTRICAL:				Work Light (Cab Required)			
Battery Chargers							
48 Volt- 230 VAC 60 Hz		●					
48 Volt Delta Q with 18' (5.5 m) DC Cord		●					
48 Volt-120VAC 60 Hz		●					
48 Volt-SCR		●					
Lighting Package:							
Brake Lights		●					
Headlights		●					