524 Haul Unit
Part No. F10325F00 (Standard), F16900F00 (Extended)

- Battery Powered Haul Unit With Removable Battery Pack •
  - Haul System for 36” Minimum ID Tunnel Size •

FEATURES
- The 524 Haul Unit transports the spoils from the Tunnel Boring Machine back to launch shaft.
- Equipped with a hydraulic hand brake and an electric release brake on controller.
- Removable battery pack allows operator to keep a spare, fully charged battery in reserve to minimize down time.
- Two frame options for 60” (standard frame) or 90” (extended frame) dirt bucket sizes.
- Convenient charging plug for recharging battery while battery pack is in haul unit.
- Integral electric motor gear box assembly.
- Pendant type controller with propulsion controls.

SPECIFICATIONS

Dimensions:
- Width ............................................. 31 in. (787 mm)
- Length:
  - Standard .................. 128.5 in. (3,264 mm)
  - Extended .............. 158.75 in. (4,032 mm)
- Weight (w/battery pack) ......... 950 lbs. (431 kg)
- Wheel Base ......................... 93.2 in. (2,367 mm)
- Drive Wheels .................. Two, 5.5” Diameter
- Electrical Horsepower .......... 5 HP (3.7 kW)
- Battery Pack
  - Weight .............................. 250 lbs. (113 kg)
  - Voltage .................................. 24 VDC
- Propel .................................. Forward, Reverse
- Drive Type ....................... Electric Driven
- Brake
  - Electric ........ Spring applied, electric release
  - Torque (static) ........ 10.5 lb. ft. (14 N·m)
  - Hand Brake ......................... Caliper Disc

Speed
- Feet per minute .................... 500 (152 m/min)
- Miles Per Hour ........................... 0 - 4 mph (0 - 6.4 Km/h)
- Gear Box Oil Capacity .............. 5 qt. (4.7 L)
- Gross Vehicle Weight ............ 8,200 lbs. (3,719 kg)
- Operating Grade (Maximum)
  - Unloaded .................................. 5%
  - Loaded .................................... 2.5%
- Volumetric Capacity (Max.) .. 2 cu yd (1.5 cu m)
- Pipe Size (Minimum) .......... 36” (914 mm) ID
- Track
  - Track Gage** .................. 11.13 in. (283 mm)
  - Base ............................ 14.13 in. (359 mm)
  - Height ............................ 3.75 in. (95 mm)
  - Length ............................. 8 ft (2.4 m)
Pendant type controller with propulsion controls and an electric release brake switch.

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