

# Ergo-Express® Model 4000S Motorized Tug

*Innovation Designed Around You*

**PHS  
WEST  
INC.**

## Technical Specifications

The Ergo-Express® Model 4000S | Motorized Tug is the perfect solution for moving any heavy, wheeled load.



## Ergo-Express® Model 4000S | Motorized Tug Specifications

- Model Name and Number: 4000S
- Dimensions
  - Width: 27"
  - Length: 32"
  - Height: 42" to the top of the controller
  - Weight: 300lb.
  - Shipping Weight: 350lb.
- Turning Radius: 19"
- Towing Capacity: 2,500lb.
- Frame Construction: 10 Gauge CRS | ASTM A366
- Drive Wheel: 9" Diameter x 3"
  - Grey Non-Marking
  - 4-Ply Nylon, Foam-Filled
- Caster Size: 6" Diameter x 2"
  - Performa Rubber
  - Temperature Range: -45°F to +180°F (120°F continuous service)
  - Hardness: 55 (±5) Durometer Shore A Scale
- ETC/ETLC Number: UL 583:2012
  - Ed. 10 +R:25May2016, ULC C583-1974/01/01
- Controller: Microprocessor-based
- Charging System
  - 120VAC
  - 2.4 A
  - Watts: 288
  - Electrical Phase: 1
  - Charging Cord: (UL) 384516 SJT 3X14AWG 105°C 300V VW-1
  - Plug Type: 5-15P
  - Drive System Voltage: 24VDC
- Battery Specifications
  - 55 AH or 80 AH Option
  - AGM Battery: Stand-By, UPS, High-Rate, Telecomm
  - Absorbed Glass Mat (AGM) - Battery
  - Synonyms: SLA, VRLA, AGM, Absorbed Glass Mat
  - Sealed Recombinant
  - Dot Description: Wet Battery, Non-Spillable
  - Chemical Name: Sealed Lead Acid, Secondary Battery
- Drive System
  - 24 VDC, 2500 RPM, 5.00 A Maximum, PMDC 4 Brush Motor
  - Electromechanical Holding Brake, rated at 50lb./in. (5.7 Nm), with override and controller feedback
  - Top Speed: 3.00 MPH
- Three Year Limited Warranty
- [24/7-365 Technical and Operational Support for the life of the product](#)

Additional technical and operational specifications are available for custom designs.