

# Ergo-Express® Model 4000S

## Motorized Tug

Innovation Designed Around You

**PHS  
WEST  
INC.**



“Our highest priority is helping you create a safer and more efficient workplace. With over 20 years in business, we have the knowledge and customization options to ensure your product will fit your exact requirements all while ergonomically correct.”

-Nate Hendrickson, *Territory Sales Representative*

**CALL TODAY**

for a FREE  
demonstration  
1-888-639-5438

**Safe Transportation Solutions**

The Ergo-Express® Model 4000S motorized tug is the perfect solution for moving any heavy wheeled load.



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

The 4000S Ergo-Express® Motorized Tug is a safe and compact solution for moving heavy materials, equipment and supplies that are already on a wheeled base. This tug pairs our unmatched maneuverability with a towing capacity of 2,500LB. Allow any one staff member to perform a task that would normally take multiple trips or multiple staff members. Increase efficiency while virtually eliminating the risk of an injury.

#### Features

- Self-ballasted frame enabling tight maneuvering of heavy loads
- Rear mounted drive allows for short turn radius
- No directional towing restrictions up or down ramps
- Programmable user interface and self-diagnostic control system
- Smart charging system



## Hitch Options

At PHS West, Inc. we take the definition of ergonomics literally in everything we do by fitting the tool to the person and not trying to make the person fit the tool. This includes a variety of hitch options to connect the 4000S Ergo-Express® Motorized Tug to desired equipment on a wheeled-base. Custom designs are available to accommodate your unique requirements upon request.

## 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](#)

