

# Ergo-Express® Model 4000SHD

## Motorized Tug

Innovation Designed Around You

**PHS  
WEST  
INC.**

“Here at PHS West, Inc. we take great pride in our ability to develop solutions for any material handling need. With over 20 years of experience and endless customization options, we are able to adapt our products to meet your exact requirements.”

-Zach Lanars, Marketing Assistant

### Safe Transportation Solutions

The 4000SHD Ergo-Express® Motorized Tug can be built to meet your specific weight capacity, duty-cycle, and terrain requirements.

**CALL TODAY**  
for a FREE  
demonstration  
1-888-639-5438



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

Does your application require capabilities beyond what you have seen in the past? The 4000SHD Ergo-Express® Motorized Tug is the solution meet your material handling needs. This heavy duty tug pairs our unmatched maneuverability with a towing capacity over 5,000LB. Allow any one staff member to handle even the heaviest of loads in one trip while 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



## Customization

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. The 4000SHD Ergo-Express® Motorized Tug can be built to meet your specific weight capacity, duty-cycle, and terrain requirements. In addition, there are a variety of hitch options that are customizable to fit your unique application.

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

### Specifications

- Model Name and Number: 4000SHD
- Dimensions
  - Width: 26.26"
  - Length: 30.61"
  - Height: 44" to the top of the controller
- Turning Radius: 19"
- Towing Capacity: 5,000lb.
- Frame Construction: 10 Gauge CRS | ASTM A366
- Drive Wheel: 10" Diameter x 3 Wide"
  - Grey Non-Marking
  - 4-Ply Nylon, Foam-Filled
- Caster Size: 6" Diameter x 2 Wide"
  - 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
  - 80 AH
  - 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, 3909 RPM, 5.00 A Maximum, PMDC
  - Electromechanical Holding Brake, rated at 70lb./in. (8.0 Nm), with override and controller feedback
  - Top Speed: 4.00 MPH
- Three Year Limited Warranty
- 24/7-365 Technical and Operational Support for the life of the product

