

# Ergo-Express® Model E4000S

## Motorized Tug

Innovation Designed Around You

**PHS  
WEST  
INC.**

### Technical Specifications

The Ergo-Express® Model E4000S | Motorized Tug is the perfect solution for moving any heavy, wheeled load.



### Ergo-Express® Model E4000S | Motorized Tug

#### Specifications

- Model Name and Number: E4000S
- Dimensions
  - Width: 24"
  - Length: 26"
  - Height: 40" to the top of the controller
  - Weight: 200lb.
  - Shipping Weight: 250lb.
- Turning Radius: 14"
- Towing Capacity: 1,500lb.
- Frame Construction: 10 Gauge CRS | ASTM A366
- Drive Wheel: 9" Diameter x 2" Wide
  - 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
- 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
  - 35 AH or 55 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, 2856 RPM, 0.41 A Maximum, PMDC
  - Electromechanical Holding Brake, rated at 35.4lb./in. (4.0 Nm), with override and controller feedback
  - Top Speed: 3.40 MPH
- One 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.

# 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.

# Ergo-Express® Model 4000SHD Motorized Tug

Innovation Designed Around You

**PHS  
WEST  
INC.**

## Technical Specifications

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



## 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

Additional technical and operational specifications are available for custom designs.

# Ergo-Express® Model 4000SLH Motorized Tug

*Innovation Designed Around You*

**PHS  
WEST  
INC.**

## Technical Specifications

The Ergo-Express® Model 4000SLH | Motorized Tug allows you to pull carts without directionally fixed casters.



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

- Model Name and Number: 4000SLH
- Dimensions
  - Width: 27"
  - Length: 57"
  - Height: 55"
  - Weight: 328lb.
  - Shipping Weight: 400lb.
- Turning Radius: 48"
- Towing Capacity: 5,000lb.
- Frame Construction: 10 Gauge CRS | ASTM A366
- Drive Wheel: 9.75" Diameter x 2.5" Wide
  - Non-Marking
  - Solid
- Caster Size: 4" Diameter x 2" Wide
  - Performa Rubber
  - Temperature Range: -45°F to +180°F (120°F continuous service)
  - Hardness: 55 (±5) Durometer Shore A Scale
- Controller: Microprocessor-based
- Charging System
  - 90-240VAC | 50-60Hz
  - 2 A
  - Watts: 130
  - 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, 840W, 35A
  - Electromechanical Holding Brake, rated at 70lb./in. (8.0 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.