



Model WL72-HL-BAT Headless Industrial Transporter



Specifications

Dimensions

Length	16 feet / 4877 mm
Width	8 feet / 2438 mm
Height – Lowered	27 in / 686 mm
Height – Raised	37 in / 940 mm
Load Deck Dimensions	
Length	14.5 feet / 4420 mm
Width	8 feet / 2438 mm
Suspension	Hydraulic

Weights

Transporter Empty Weight	16,000 lbs / 7,260 kg
Transporter Loaded Weight	160,000 lbs / 72,575 kg
Rated Capacity	144,000 lbs / 65,320 kg

Power

Type	Li-Ion Battery
Voltage	48 VDC
Current	360 Ah
Back-up Power	480 VAC 3 Phase (Wye) 30 A

Drive System

Number of Wheel Modules	4
Wheel Diameter	18 in / 457 mm
Wheel Width	10 in / 254 mm
Propulsion	AC Servo
Steering	Joystick Control

Speeds

Unloaded	0 – 90 fpm / 27.4 mpm
Loaded – Flat Ground	0 – 80 fpm / 24.4 mpm
Loaded – at Maximum Slope (see below)	0 – 50 fpm / 15.2 mpm
Raise (maximum)	6.0 in per min / 152 mppm
Lower (maximum)	6.0 in per min / 152 mppm

Environmental Conditions

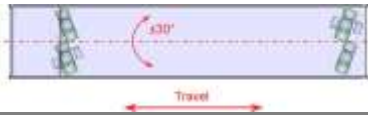
Maximum Operating Temperature	110° F / 43° C
Minimum Operating Temperature	20° F / -7° C
Relative Humidity	0 - 90%
Maximum Slope	2%

* Travel within ¼” of raised or lowered height is limited to creep speed

Omni-Directional Steering Modes

Normal (All Wheel Steering)

Travel forward and reverse parallel to the transporter's long axis. Front wheels steer $\pm 30^\circ$. Rear wheels steer opposite direction of front.



Lateral (All Wheel Steering)

Travel forward and reverse parallel to the transporter's short axis. Front wheels steer $\pm 30^\circ$. Rear wheels steer opposite direction of front.



Normal Diagonal

Travel forward and reverse at an angle to the transporter's short axis. Front and rear wheels steer together.



Lateral Diagonal

Travel forward and reverse at an angle to the transporter's long axis. Front and rear wheels steer together.



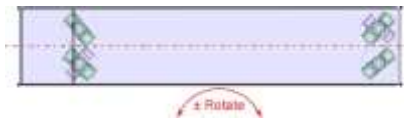
Rotate

All modules align axle centerlines to theoretical center of transporter. Rotate clockwise or counter-clockwise about the center of the transporter.



RotatePLUS

All modules align axle centerlines to a point along the transporter's short axis. Rotate clockwise or counter-clockwise about transporter's short axis.



Machine Controller

Beckhoff Industrial PC TwinCAT ladder logic running Doerfer's control software.

Operator Interface

Wireless bellipak radio joystick control with Beckhoff color touch screen HMI (Human Machine Interface).

Specifications subject to change without notice

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Authorized Wheelift Representative