



# Model WL72-HL-LPG Headless Industrial Transporter



## Detail Specifications

### Dimensions

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

### Weights

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

### Engine

Type	LPG
Displacement	TBD
Cylinders	TBD
Cooling	Liquid

### Drive System

Number of Uniload <sup>®</sup> Wheel Modules	4
Wheel Diameter	18 in / 457 mm
Wheel Width	10 in / 254 mm
Propulsion	AC Servo
Steering	SynchroSteer <sup>®</sup> Joystick Control

### Speeds

Unloaded	0 – 110 fpm / 33.5 mpm
Loaded	0 – 60 fpm / 18.3 mpm
Raise (maximum)	6.0 in per min (152 mmpm)
Lower (maximum)	6.0 in per min (152 mmpm)

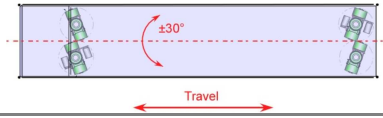
### Environmental Conditions

Maximum Operating Temperature	110°F / 43°C
Minimum Operating Temperature	20°F / -7°C
Relative Humidity	0 - 100%
Maximum Slope	6%

## 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.



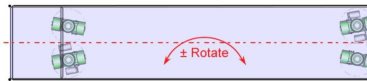
### Lateral Diagonal

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



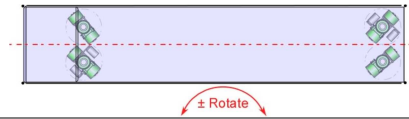
### Rotate

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 SynchroSteer<sup>®</sup> control software.

### Operator Interface

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

Specifications subject to change without notice

REV.01 MARCH 2012

Authorized Wheelift Representative