



# Model WL72-HD-LPG Headed Industrial Transporter



## Specifications

### Dimensions

Length	20 feet / 6096 mm
Width	8 feet / 2438 mm
Height – Lowered	27 in / 686 mm
Height – Raised	37 in / 940 mm
Travel Height	32 in ± 4 in / 813 mm ± 102 mm
Load Deck Dimensions	
Length	16 feet / 4877 mm
Width	8 feet / 2438 mm
Suspension	Hydraulic

### Weights

Transporter Empty Weight	18,000 lb / 8,165 kg
Transporter Loaded Weight	162,000 lb / 73,482 kg
Rated Capacity	144,000 lb / 65,317 kg

### Engine

Type	LPG
Displacement	350 cu in / 5.7 L
Cylinders	8
Cooling	Liquid

### Drive System

Number of Wheel Modules	4
Wheel Diameter	18 in / 457 mm
Wheel Width	7.5 in / 191 mm
Propulsion	AC Servo
Steering	Joystick Control

### Speeds

Empty	0 – 100 fpm / 30.5 mpm
Loaded	0 – 70 fpm / 21.4 mpm
Raise (maximum)	5.0 in per min (127 mmpm)
Lower (maximum)	5.0 in per min (127 mmpm)

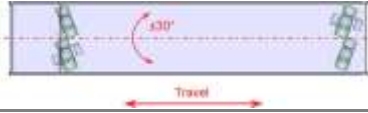
### Environmental Conditions

Maximum Operating Temperature	110° F / 43° C
Minimum Operating Temperature	20° F / -7° C
Relative Humidity	0 - 100%
Maximum Slope	4%

## 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.



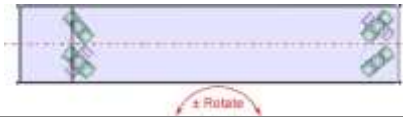
### Rotate

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

REV.02 January 2023

Authorized Wheelift Representative