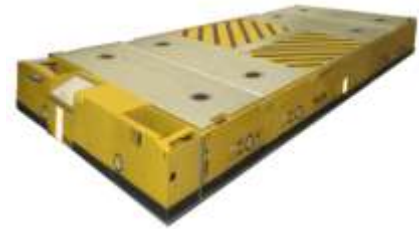




# Model WL140-HL-LPG Headless Industrial Transporter



## Specifications

### Dimensions

Length	26 feet / 7925 mm
Width	9 feet / 2743 mm
Height – Lowered	27 in / 686 mm
Height – Raised	37 in / 940 mm
<b>Load Deck Dimensions</b>	
Length	23.5 feet / 7163 mm
Width	9 feet / 2743 mm
Suspension	Hydraulic

### Weights

Transporter Empty Weight	32,000 lb / 14,515 kg
Transporter Loaded Weight	312,000 lb / 141,521 kg
Rated Capacity	280,000 lb / 127,006 kg

### Engine

Type	LPG
Displacement	350 cu in / 5.0 L
Cylinders	8
Cooling	Liquid

### Drive System

Number of Wheel Modules	8
Wheel Diameter	18 in / 457 mm
Wheel Width	10 in / 254 mm
Propulsion	AC Servo
Steering	Joystick Control

### Speeds

Empty	0 – 85 fpm / 25.9 mpm
Loaded	0 – 60 fpm / 18.3 mpm
Raise (maximum)	4.0 in per min (102 mmpm)
Lower (maximum)	4.0 in per min (102 mmpm)

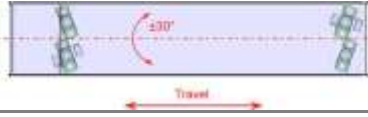
### Environmental Conditions

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