



# Model WL100W-HL-LPG

## Headless Industrial Transporter



### Specifications

#### Dimensions

Length	20.5 feet / 6248 mm
Width	10 feet / 3048 mm
Height – Lowered	27 in / 686 mm
Height – Raised	37 in / 940 mm
Load Deck Dimensions	
Length	18 feet / 5486 mm
Width	10 feet / 3048 mm
Suspension	Hydraulic

#### Weights

Transporter Empty Weight	30,000 lb / 13,610 kg
Transporter Loaded Weight	230,000 lb / 104,330 kg
Rated Capacity	200,000 lb / 90,718 kg

#### Engine

Type	LPG
Displacement	305 cu in / 5.7 L
Cylinders	8
Cooling	Liquid

#### Drive System

Number of Wheel Modules	6
Wheel Diameter	15 in / 381 mm
Wheel Width	10 in / 254 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)

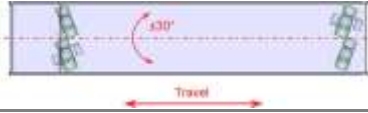
#### Environmental Conditions

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

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Authorized Wheelift Representative