# Model WL140-HD-LPG
## Headed Industrial Transporter

## Specifications

### Dimensions

| | |
|---|---|
| Length | 24 feet / 7315 mm |
| Width | 9 feet / 2743 mm |
| Height – Lowered | 27 in / 686 mm |
| Height – Raised | 37 in / 940 mm |
| Load Deck Dimensions | |
| Length | 20 feet / 6096 mm |
| Width | 9 feet / 2743 mm |
| Suspension | Hydraulic |

### Weights

| | |
|---|---|
| Transporter Empty Weight | 30,000 lb / 13,608 kg |
| Transporter Loaded Weight | 310,000 lb / 140,614 kg |
| Rated Capacity | 280,000 lb / 127,006 kg |

### Engine

| | |
|---|---|
| Type | LPG (Diesel Optional) |
| 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 |
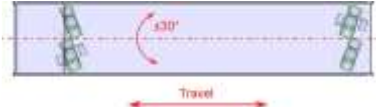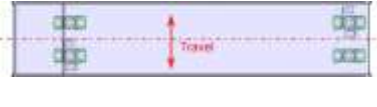
### Speeds

| | |
|---|---|
| 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

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|---|---|
| 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) | Lateral (All Wheel Steering) | Normal Diagonal |
|---|---|---|
| Travel forward and reverse parallel to the transporter's long axis. Front wheels steer ±30°. Rear wheels steer opposite direction of front. | Travel forward and reverse parallel to the transporter's short axis. Front wheels steer ±30°. Rear wheels steer opposite direction of front. | Travel forward and reverse at an angle to the transporter's short axis. Front and rear wheels steer together. |

| Lateral Diagonal | Rotate | RotatePLUS |
|---|---|---|
| Travel forward and reverse at an angle to the transporter's long axis. Front and rear wheels steer together. | All modules align axle centerlines to theoretical center of transporter. Rotate clockwise or counter-clockwise about the center of the transporter. | 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