



Model WL140-HL-LPG Headless Industrial Transporter



Detail Specifications

Dimensions

| | |
|----------------------|---------------------|
| Length | 26 feet / 7925 mm |
| Width | 9 feet / 2743 mm |
| Height – Lowered | 27 in / 686 mm |
| Height – Raised | 37 in / 940 mm |
| Lift Deck Dimensions | |
| 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 Uniload [®] Wheel Modules | 8 |
| Wheel Diameter | 18 in / 457 mm |
| Wheel Width | 10 in / 254 mm |
| Propulsion | AC Servo |
| Steering | SynchroSteer [®] 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) |

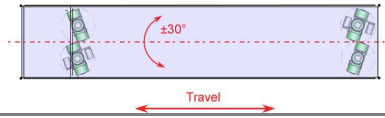
Environmental Conditions

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

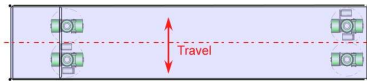
Normal (All Wheel Steering)

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.



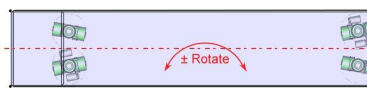
Lateral Diagonal

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



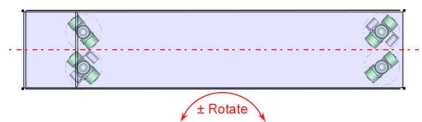
Rotate

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 SynchroSteer[®] 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