



POWER STEERING WALKIE REACH TRUCK

CAPACITY: 3,000 lbs.

ML14ASX

SERIES 8907

Capacity

- 3,000 lbs. at 24" load center

Weight

- 3,690 lbs. - 4,200 lbs. chassis only

Wheels / Tires

- Drive: 10" x 4" polyurethane
- Dual Load: (2) 4" x 2.75" polyurethane

Battery Compartments

- 31.6" x 9.06" x open
- 31.6" x 13.1" x open (ML14ASX-189)



Standard Equipment

- Power steering
- Pantograph with sideshift and tilt
- Proportional lift, lower and extend
- Regenerative neutral braking
- Low battery interrupt
- Hour meter BDI combo gauge
- Key switch
- Clearview polycarbonate mast guard

Optional Equipment

- Traction drive tire – poly
- Straddle ID/OD of 34/42 or 42/50

Hydraulics

- Lift cylinder with hard chrome plated rods
- Pump unit is mounted high in power compartment for ease of service (includes motor, solenoid, gear pump, pressure compensated lowering valve)

Electrical

- 24-Volt ZAPI AC-0 inverter
- Travel control with matching drive motor (for high performance throughout the entire speed range)
- Travel speed remains constant relative to throttle position regardless of load
- Separately fused power control circuits
- Quick disconnect EPD power cut off
- Hour meter/battery discharge indicator combination gauge
- Power configurations and diagnostic features are displayed with a ZAPI handheld console

Brakes

- Regenerative electromagnetic brake is mounted on the motor armature shaft multiplying the braking power through the transmission
- Brake is applied when the control arm is in vertical or horizontal handle position
- Travel speed is reduced when forks are above 12" fork height
- Neutral braking resists roll back on ramps

Controls

- Ergonomic operator handle with travel, lift, and lower functions
- All operator controls are accessible without having to lift the hand from the handle
- Angle grips are designed to allow easy operation with either hand
- Wraparound guard, reversing switch, thumb control, and horn are standard
- Top mounted tiller arm offers excellent operator comfort and minimum steering effort
- Gas assisted spring gently returns handle to vertical position.

All measurements shown in standard (in.) units

Truck Model 24" Load Center	Straddle ID/OD	Mast	Lift Height (h3)	Collapsed Height (h1)	Free Lift (h2)	Extended Height (h4)	Weight (lbs.) ³
3,000 lbs. capacity							
ML14ASX	34/42 or 42/50	Two stage	106	73.5	6.5	144.25	3690
ML14ASX	34/42 or 42/50	Two stage	126	83	6.5	166.75	3750
ML14ASX	34/42 or 42/50	Three stage	157	77.5	39.25	195.25	3980
ML14ASX	42/50	Three stage	189	95.0	39.25	227.0	4200

¹Derates 1500 lbs. above 162"

²ML20AS only available with fixed straddle legs

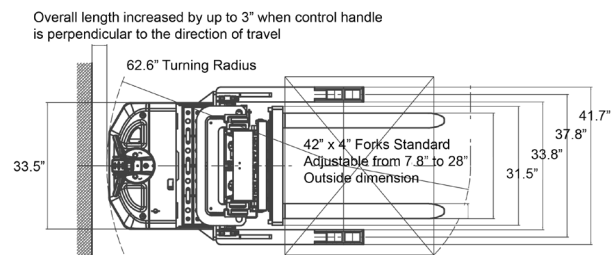
³Estimated shipping weight without battery

Aisle Guide

ML14ASX - Right angle stacking dimensions with 42" ID/50" OD straddles

Load Size	36" length	40" length	48" length
36" width	79.5"	79.5"	79.5"
40" width	81.0"	81.0"	81.0"
48" width	85.3"	85.3"	85.3"

For ease of use add 8" to aisle dimension listed. If shiftdish option is used add 2".



For more information on Linde material handling equipment, please contact:

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Transmission

- Vertically-mounted drive motor is directly mounted to gear housing
- Oil bathed ZF GK10 hypoid bevel gear drive train with tapered roller bearings transfers power to axle
- State-of-the-art optimized gear technology supplies advantages such as minimal envelope circle, zero maintenance, low noise level, high efficiency and high performance

Mast & Pantograph

- When the operator removes their hand from travel control
- When travel speeds are reduced, electromagnetic parking brake is applied after the truck is stopped

Straddle Legs & Forks

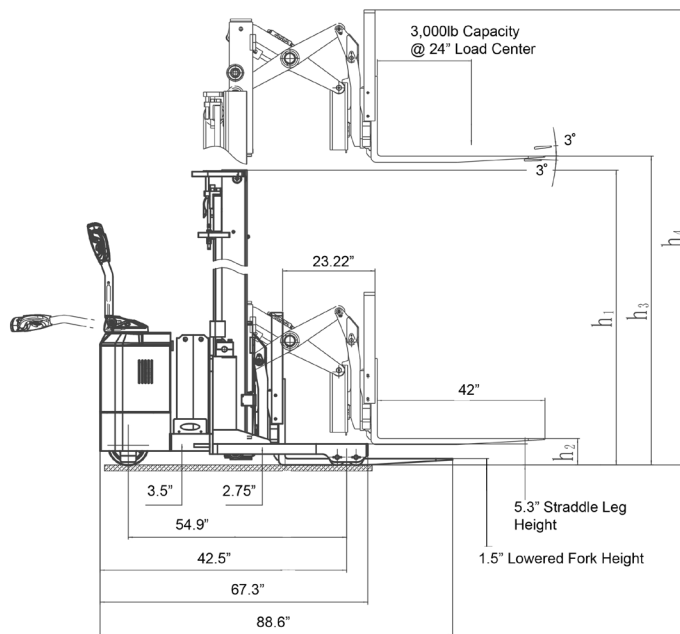
- Fixed straddle leg inside dimensions (ID) available at 34" or 42" resulting in a 42" or 50" outside dimension (OD)
- Class two ITA fork carriage with 36" tall load back rest 42" Forks are adjustable

Bearings

- Drive Wheels: Tapered roller bearings sealed in oil bath
- Load Wheels: Sealed ball bearings

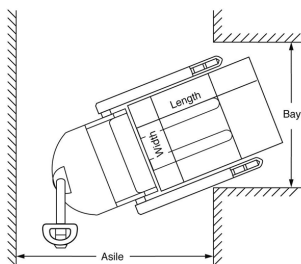
Accessibility

- Removal of two-piece power head cover exposes major components for inspection and maintenance



For units with 34" ID/42" OD 4" from all values.

For ML14ASX-189 add an additional 3" to all values.



Aisle dimensions listed above assume the minimum bay width to be straddle OD plus 5" (2.5" on either side of straddle leg). Truck performance may vary due to application requirements and changes in model design.

ANSI: Standard truck meets all applicable mandatory requirements of ANSI/ISO 1561 standards for powered industrial trucks. This document is a technical specification and represents the performance of the equipment under typical operating conditions. Metric dimensions are in millimeters unless otherwise specified. All metric dimensions are not direct equivalents due to rounding. The information is provided for informational purposes only and is subject to change without notice. KION North America Corporation reserves the right to make improvements and changes in application or design without incurring obligation. Please check with your authorized Linde dealer for information on possible updates or revisions.

Linde Material Handling

Linde

KION NORTH AMERICA

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