



**TOTAL**  
WAREHOUSE

## ELECTRIC WALKIE / RIDER TRUCK EW30 / EW40 / EWR30 / EWR40

**6,000 - 8,000 lbs. Capacity**

Series 1101

- We listened to the customer and designed a pallet truck that can withstand the most demanding duty cycle, along with making sure the operator is comfortable
- The Series 1101 utilizes 100% AC motor technology with the latest controls, allowing the operator to smoothly operate the truck through dock work, transporting heavy loads, and order picking
- The largest operator foot space in its class with a premium floor mat ensures enough space to comfortably change foot positioning
- A one-piece cover provides noise reduction and full access to key components with 1,000 hour maintenance intervals

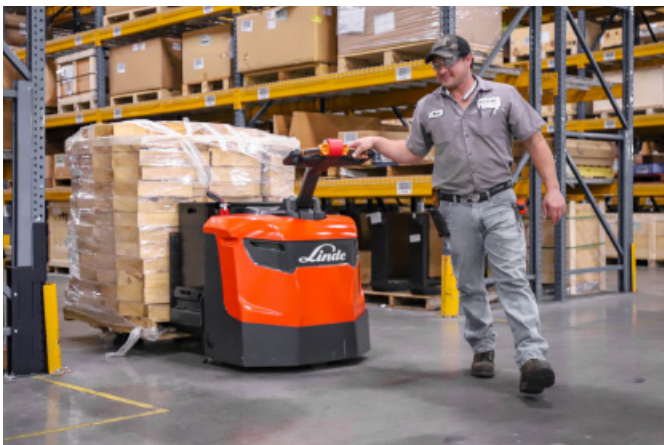
# STANDARD & OPTIONAL EQUIPMENT

## STANDARD

- 48" long forks
- 27" fork spread
- Standard construction operating temperatures: +32°F to +120°F
- Smooth polyurethane drive tire - Smooth Rubber -12" x 5"
- Single polyurethane load wheels - 3.25" x 6.375"
- Heavy-duty casters
- Display
  - Battery state of charge
  - Hour meter
  - Low battery lift interrupt
  - Fault indicator
- Manual steering
- Key ignition switch
- 24V AC control electrical system
- Grab bar with soft grip
- AC traction motor
- Auto Deceleration System with regenerative braking
- 31.5" x 13.5" open battery compartment
- Electro-mechanical parking brake
- UL Classification "E"
- Electronic horn
- Ergonomically designed, impact resistant, aluminum reinforce control handle with twist grip control
- Steel pallet entry rollers
- Two-piece load wheel axles
- 3.25" lowered / 6" lift height / 9.25" overall raised
- Heavy-duty fork construction with reinforced fork tips
- Heavy-duty, lift linkage with lubrication fittings
- Cushioned poly mat

## OPTIONAL

- UL Classification "EE"
- Electric power steering
- Battery rollers
- Convenience tray (battery-mounted)
- Audible alarm
- Travel alarm
- Easy Pick with coast control
- Fork lengths
  - 36" long forks
  - 42" long forks
  - 60" long forks
  - 84" long forks
  - 96" long forks
  - 144" long forks
- Drive tire
  - Rubber
  - Polyurethane
  - Non-marking rubber
  - Crowned polyurethane
  - Siped polyurethane
- Load wheels
  - Single, dual and tandem
  - 2 bearing and 4 bearing
  - Standard bearing and sealed bearing
- Load backrest
  - 48" high
  - 60" high
  - 72" high
- Application / Environmental Construction
  - Cooler/Freezer Package
  - Wash Down Package
  - Corrosion Package



# FEATURES



## Linde Series 1101 Five Features

- **Motor Compartment Cover:** The Series 1101 features a one-piece, lift off motor compartment cover. This thermosetting resin cover is a product of the latest scientific advances in the field of chemistry. In addition to its resistance to rust and corrosion, these covers offer superior impact strength, durability, and lifelong proper fit. The same rugged material is used today by most large construction machinery OEM's.
- **Operator controls:** The operator control handle features a heavy-duty cast design / steel poly construction. Soft-touch accelerator twist grips govern travel direction, speed, and also features automatic return to neutral.
- **Drive Motor:** The Series 1101 features a 24-volt, high power, AC drive motor. This high performance motor allows for maximum productivity and excellent reliability. Extended maintenance intervals for motors and complete drive systems are a direct result of this new AC technology.
- **Frame:** Truck frames feature fixed platform height and all seam-welded unitized construction. Plate steel contoured to shape for rigid strength provides maximum durability and protection for all vital components. The battery compartment is an integral part of the chassis, further adding strength to the frame.
- **Travel Control:** The AC motor controller provides exceptional flexibility by providing user tailored parameters to meet a wide variety of application requirements. The controller provides efficient use of battery voltage and has an extremely wide torque and speed range. In addition, full regeneration capability, smooth low speed control, and zero speed ramp hold applications are realized. Environmental protection is enhanced by the robust construction of the controller and the use of sealed wiring harness connectors to prevent moisture and contaminants from interrupting truck operation in all environments.

# EW TECHNICAL DATA

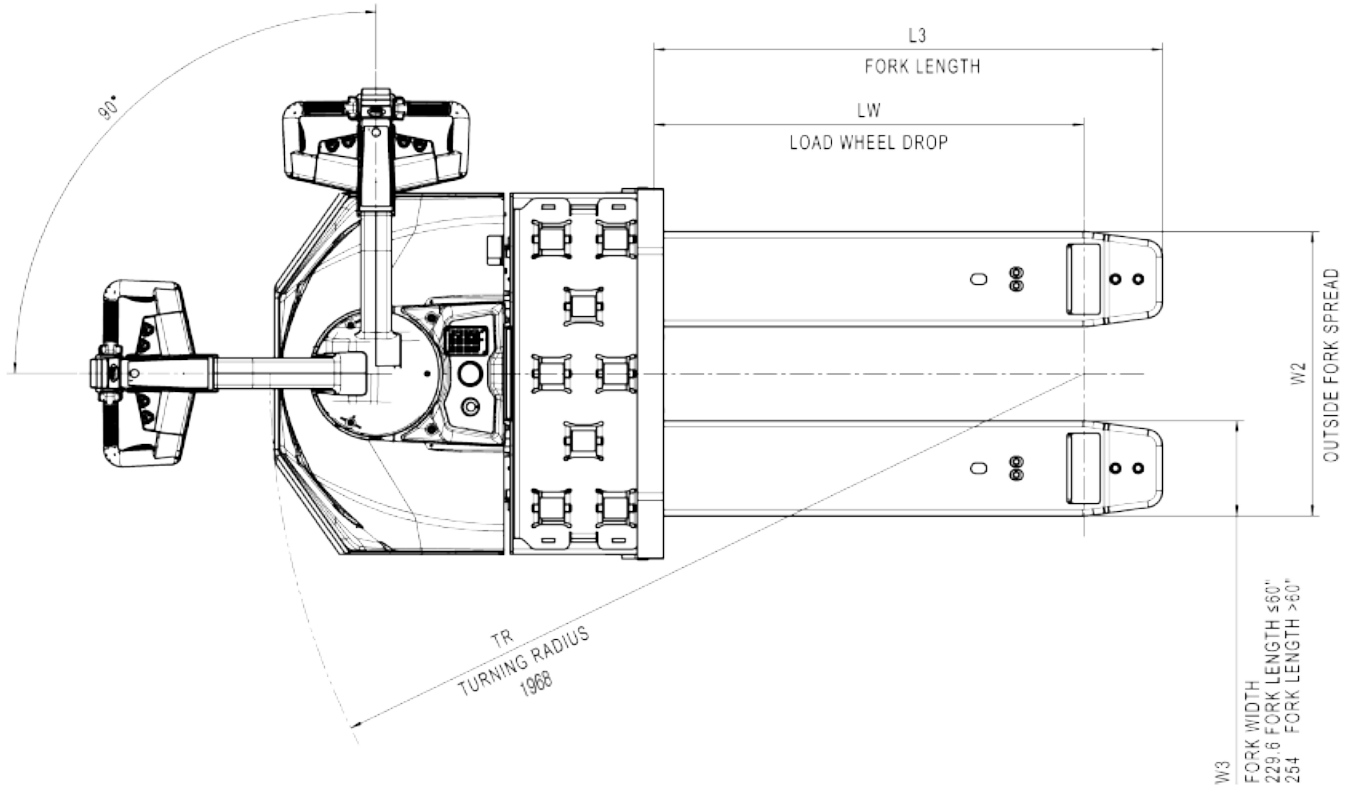
February 2020

| Characteristics | 1.1   | Manufacturer                           | LINDE        |      |                    |                  |                    |                  |       |
|-----------------|-------|--|--------------|------|--------------------|------------------|--------------------|------------------|-------|
|                 | 1.2   | Model designation                      | EW30         |      | EW40               |                  |                    |                  |       |
|                 | 1.3   | Power unit                             | Electric     |      | Electric           |                  |                    |                  |       |
|                 | 1.4   | Operation                              | Walk         |      | Walk               |                  |                    |                  |       |
|                 | 1.5   | Load capacity                          | Q            | lbs  | kg                 | 6000             | 2722               | 8000             | 3629  |
|                 | 1.6   | Load center                            | c            | in   | mm                 | Fork length / 2  |                    | Fork length / 2  |       |
|                 | 1.9   | Wheelbase                              | WBL          | in   | mm                 | See drawing      |                    | See drawing      |       |
| Weights         | 2.1   | Service weight (+/- 5.0%)              | lbs          | kg   | 1342               | 609              | 1316               | 597              |       |
|                 | 3.1   | Tire type, front / rear                | Polyurethane |      | Polyurethane       |                  | Polyurethane       |                  |       |
|                 | 3.2   | Tire size, front                       | in           | mm   | 12 x 5             | 305 x 127        | 12 x 5             | 305 x 127        |       |
|                 | 3.3   | Tire size, rear                        | in           | mm   | 3.3 x 6.4          | 83 x 162         | 3.3 x 6.4          | 83 x 162         |       |
|                 | 3.5   | Wheels, number front / rear (X=driven) | 1x/2         |      | 1x/2               |                  | 1x/2               |                  |       |
| Dimensions      | 4.19  | Overall length                         | $l_4$        | in   | mm                 | See drawing      |                    |                  |       |
|                 | 4.2.0 | Length to face of forks                | $l_2$        | in   | mm                 | 37               | 940.9              | 37               | 940.9 |
|                 | 4.21  | Overall width                          | $b_1$        | in   | mm                 | 34.3             | 872                | 34.3             | 872   |
|                 | 4.2.2 | Fork dimensions                        | $w_3$        | in   | mm                 | See drawing      |                    |                  |       |
|                 | 4.3.3 | Aisle width*                           | Ast          | in   | mm                 | 98.7             | 2507               | 98.7             | 2507  |
|                 | 4.35  | Outer turning radius                   | TR           | in   | mm                 | See drawing      |                    |                  |       |
|                 | 4.4   | Lift                                   | $h_3$        | in   | mm                 | 6.0              | 152                | 6.0              | 152   |
|                 | 4.4.1 | Lift from floor                        | in           | mm   | 9.25               | 235              | 9.25               | 235              |       |
|                 | 4.9   | Height of tiller arm                   | $h_{14}$     | in   | mm                 | 58.9             | 1495               | 58.9             | 1495  |
| Performance     | 5.1   | Travel speed, with load                | mph          | km/h | 3.5                | 5.6              | 3.5                | 5.6              |       |
|                 | 5.1.1 | Travel speed, without load             | mph          | km/h | 3.5                | 5.6              | 3.5                | 5.6              |       |
|                 | 5.8   | Maximum gradeability with load         | %            |      | 15                 |                  | 10                 |                  |       |
|                 | 5.8.1 | Maximum gradeability without load      | %            |      | 15                 |                  | 15                 |                  |       |
|                 | 5.10  | Service brake                          | Electric     |      |                    |                  |                    |                  |       |
| Drive           | 6.1   | Drive motor                            | hp           | kW   | 5.4                | 4.0              | 5.4                | 4.0              |       |
|                 | 6.2   | Lift motor                             | hp           | kW   | 3                  | 2.2              | 3                  | 2.2              |       |
|                 | 6.3   | Battery compartment dimensions         | in           | mm   | 31.5 x 13.5 x open | 796 x 341 x open | 31.5 x 13.5 x open | 796 x 341 x open |       |
|                 | 6.4   | Battery voltage                        | V            | 24   |                    |                  |                    |                  |       |

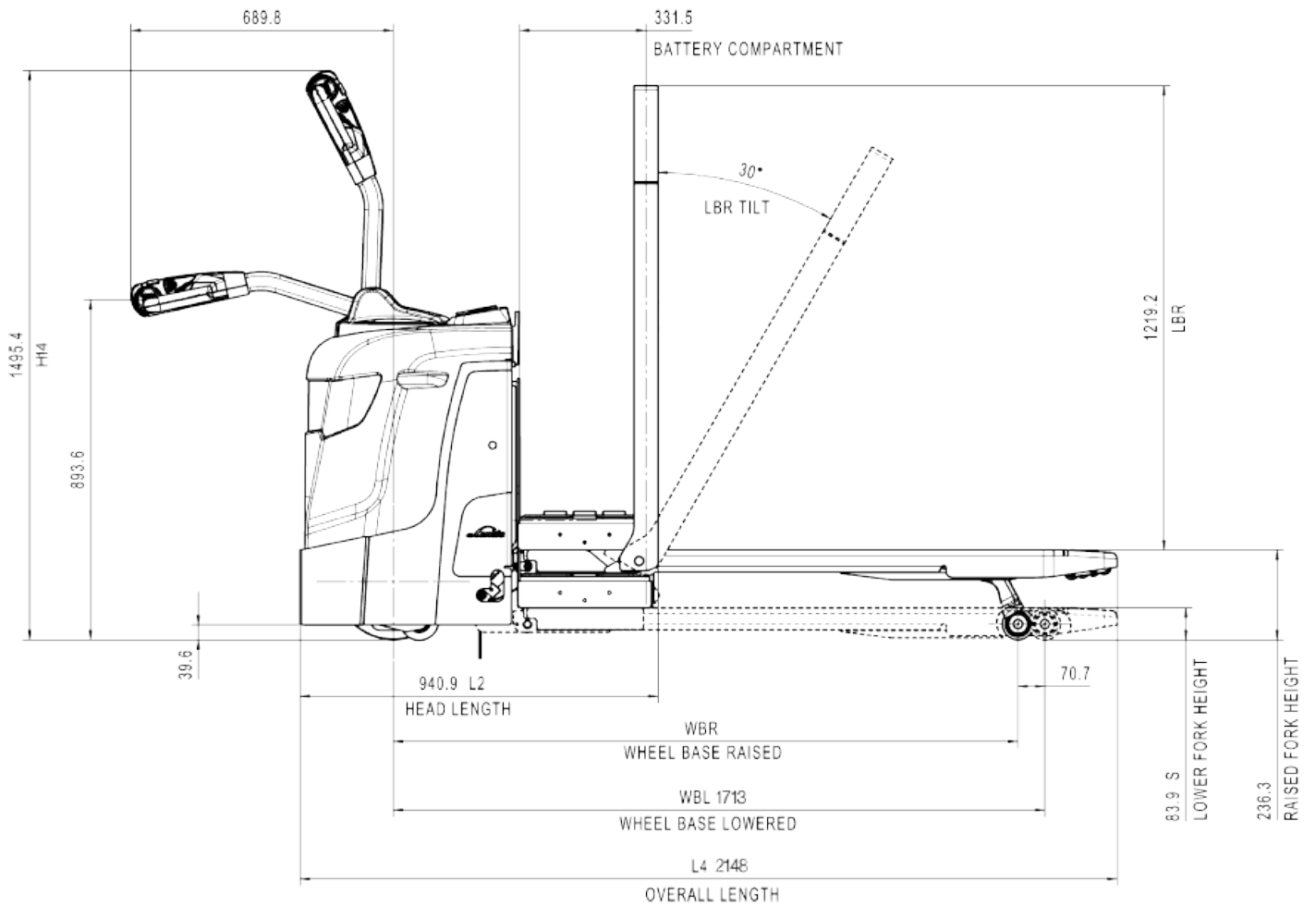
\* Aisle width is calculated with 48" forks and a 40" wide pallet. Add 6-8" for operating clearance.

NOTICE: Products are subject to change without notice. Our products are continuously being improved, all conditions, terms, and specifications are subject to change at any time.





W3  
 FORK WIDTH  
 229.6 FORK LENGTH ≤60"  
 254 FORK LENGTH >60"



\*Refer to Technical Data Chart

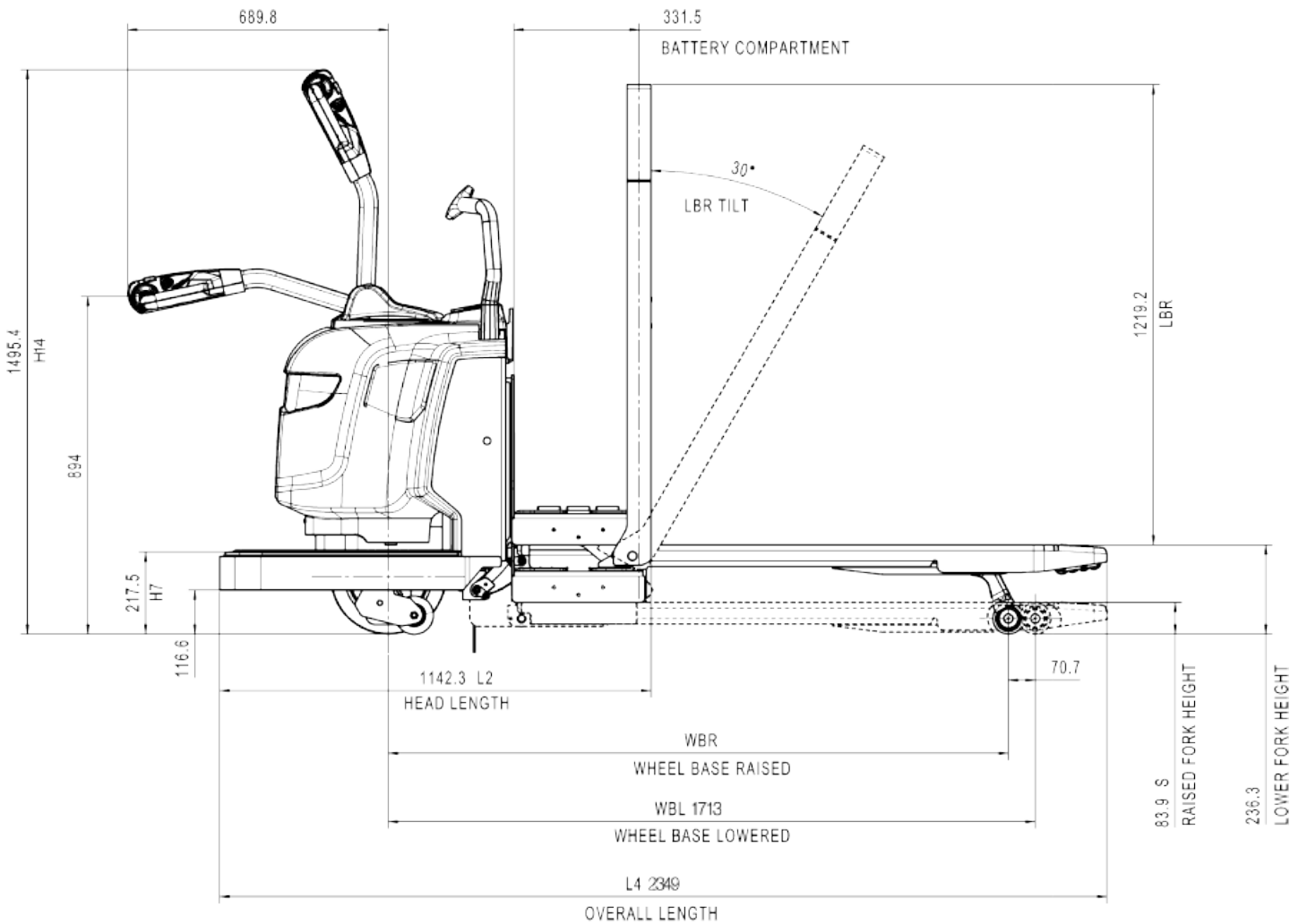
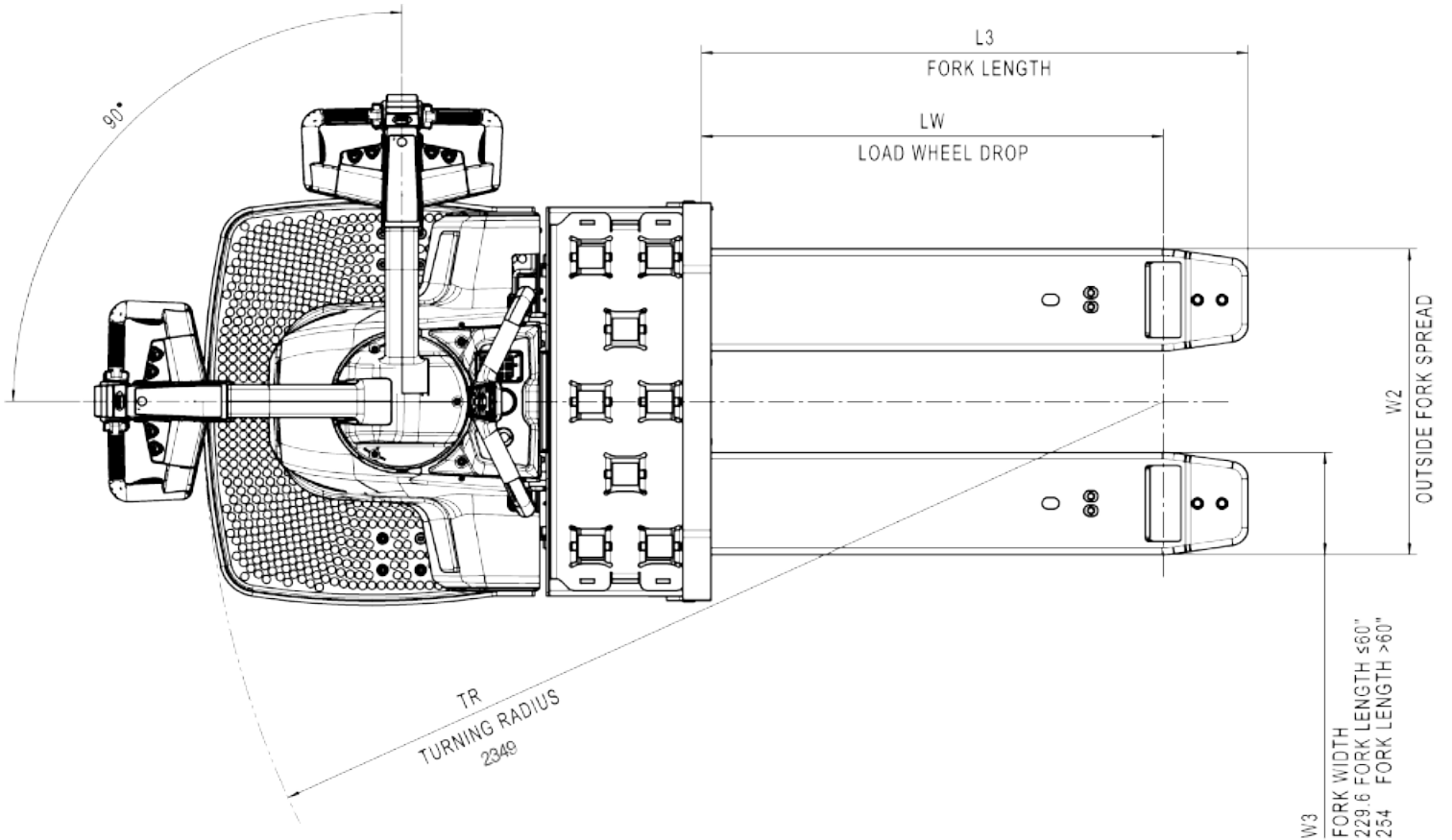
# EWR TECHNICAL DATA

February 2020

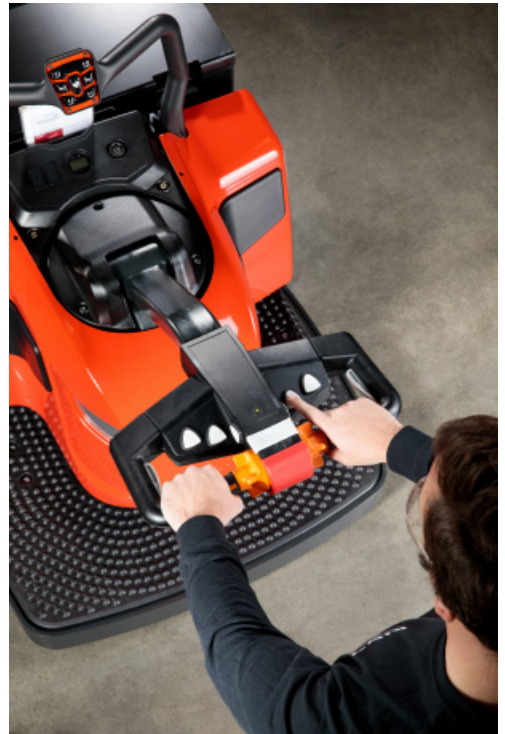
| Characteristics | 1.1   | Manufacturer                           |          |     | LINDE        |                 |                    |                 |                    |           |
|-----------------|-------|--|----------|-----|--------------|-----------------|--------------------|-----------------|--------------------|-----------|
|                 | 1.2   | Model designation                      |          |     | EWR30        |                 | EWR40              |                 |                    |           |
|                 | 1.3   | Power unit                             |          |     | Electric     |                 | Electric           |                 |                    |           |
|                 | 1.4   | Operation                              |          |     | Walk / Ride  |                 | Walk / Ride        |                 |                    |           |
|                 | 1.5   | Load capacity                          | Q        | lbs | kg           | 6000            | 2722               | 8000            | 3629               |           |
|                 | 1.6   | Load center                            | c        | in  | mm           | Fork length / 2 |                    | Fork length / 2 |                    |           |
|                 | 1.9   | Wheelbase                              | WBL      | in  | mm           | See drawing     |                    | See drawing     |                    |           |
| Weights         | 2.1   | Service weight (+/- 5.0%)              |          |     | lbs          | kg              | 1457               | 661             | 1430               | 649       |
|                 | 3.1   | Tire type, front / rear                |          |     | Polyurethane |                 |                    |                 |                    |           |
|                 | 3.2   | Tire size, front                       |          |     | in           | mm              | 12 x 5             | 305 x 127       | 12 x 5             | 305 x 127 |
|                 | 3.3   | Tire size, rear                        |          |     | in           | mm              | 3.3 x 6.4          | 83 x 162        | 3.3 x 6.4          | 83 x 162  |
|                 | 3.4   | Caster wheel dimension                 |          |     | in           | mm              | 4 x 2.5            | 102 x 64        | 4 x 2.5            | 102 x 64  |
|                 | 3.5   | Wheels, number front / rear (X=driven) |          |     |              |                 | 1x/2               |                 | 1x/2               |           |
| Dimensions      | 4.19  | Overall length                         | $l_4$    | in  | mm           | See drawing     |                    |                 |                    |           |
|                 | 4.2.0 | Length to face of forks                | $l_2$    | in  | mm           | 45              | 1142               | 45              | 1142               |           |
|                 | 4.21  | Overall width                          | $b_1$    | in  | mm           | 36              | 916                | 36              | 916                |           |
|                 | 4.2.2 | Fork dimensions                        | $w_3$    | in  | mm           | See drawing     |                    |                 |                    |           |
|                 | 4.3.3 | Aisle width*                           | Ast      | in  | mm           | 106.2           | 2698               | 106.2           | 2698               |           |
|                 | 4.35  | Outer turning radius                   | TR       | in  | mm           | See drawing     |                    |                 |                    |           |
|                 | 4.4   | Lift                                   | $h_3$    | in  | mm           | 6.0             | 152                | 6.0             | 152                |           |
|                 | 4.4.1 | Lift from floor                        |          |     | in           | mm              | 9.25               | 235             | 9.25               | 235       |
|                 | 4.9   | Height of tiller arm                   | $h_{14}$ | in  | mm           | 58.9            | 1495               | 58.9            | 1495               |           |
| Performance     | 5.1   | Travel speed, with load                |          |     | mph          | km/h            | 5.5                | 8.8             | 5.5                | 8.8       |
|                 | 5.1.1 | Travel speed, without load             |          |     | mph          | km/h            | 9.5                | 15.3            | 9.5                | 15.3      |
|                 | 5.8   | Maximum gradeability with load         |          |     | %            |                 | 15                 |                 | 10                 |           |
|                 | 5.8.1 | Maximum gradeability without load      |          |     | %            |                 | 15                 |                 | 15                 |           |
|                 | 5.10  | Service brake                          |          |     |              |                 | Electric           |                 |                    |           |
| Drive           | 6.1   | Drive motor                            |          |     | hp           | kW              | 5.4                | 4.0             | 5.4                | 4.0       |
|                 | 6.2   | Lift motor                             |          |     | hp           | kW              | 3                  | 2.2             | 3                  | 2.2       |
|                 | 6.3   | Battery compartment dimensions         |          |     | in           |                 | 31.5 x 13.5 x open |                 | 31.5 x 13.5 x open |           |
|                 | 6.3   | Battery compartment dimensions         |          |     | mm           |                 | 796 x 341 x open   |                 | 796 x 341 x open   |           |
|                 | 6.4   | Battery voltage                        |          |     | V            |                 | 24                 |                 |                    |           |

\* Aisle width is calculated with 48" forks and a 40" wide pallet. Add 6-8" for operating clearance.

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\*Refer to Technical Data Chart



For more information on Linde Material Handling equipment, please contact:

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**WAREHOUSE**  
 TotalWarehouse.com  
 833-868-2500

ANSI: Standard truck meets all applicable mandatory requirements of ANSI/ISO/BS51 standards for covered industrial trucks.  
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