ERP 32-40UXT

ERP 32-40UXTL

Three-wheel pneumatic tire electric counterbalanced forklift

3,200-4,000 lbs.
For any size operation, keeping material handling costs in check is critical to protecting profits. Whether you’re a single truck operation or scaling your existing fleet, the UX Series can be a budget-friendly choice to optimize your operation.

Available with a 3,200-4,000-pound load capacity and a range of standard and optional features, the Yale® ERP32-40UXT/UXTL is a straightforward option for both indoor and outdoor applications across many different industries. Experience reliable performance at an affordable price with this three-wheel pneumatic tire, electric counterbalanced forklift — all backed by the reliable quality and support you expect from the Yale brand and dealer network.

Reliable performance in a value-driven package.

1. **POWER SOURCE OPTIONS**
   - **UXT ONLY** - Available with either traditional lead acid or thin plate pure lead (TPPL) batteries to help configure the truck to the application.
   - **UXTL ONLY** - Models with integrated lithium batteries are available in different sizes and charge rates to scale to your operation.

2. **CONVENIENT STEP HEIGHT**
   A low, conveniently placed step helps make getting on or off the truck easy for the operator.

3. **PROVEN AC TECHNOLOGY**
   Utilizes reliable AC controllers coupled with AC traction and hydraulic motors for precise truck controllability. Additionally, the controllers are easily accessible which helps minimize service time.

4. **ROBUST HYDRAULIC SYSTEM**
   High quality cylinders with hard chrome rods and a full-flow, low pressure filter on the return line help reduce wear and minimize service costs.

5. **ADJUSTABLE OPERATOR COMPARTMENT**
   An adjustable seat and steering column combined with a compact steering wheel enable the operator to find a comfortable position while a low steering effort optimizes performance in confined spaces.

6. **WIDE VIEW MAST**
   A wide mast window provides a significant front field of view, helping support operator awareness.

7. **COMPACT POWERTRAIN**
   The compact structure of the twin motor drive system provides adequate access for maintenance. Precision cut gears are incorporated, leading to reduced wear and tear.

8. **HIGH STRENGTH OVERHEAD GUARD**
   The profiled steel used in the overhead guard is made of high-strength materials to enhance durability and help safeguard the operator.
COMFORT
• Low entrance step and large floor space
• Adjustable, full suspension seat with lumbar support
• Small diameter steering wheel
• Adjustable steering column
• Ergonomically designed hand brake

SAFETY AND STABILITY
• High visibility mast with soft landing absorbs shock
• Controlled mast lowering speed helps reduce damaging product
• Secure overhead guard
• Standard LED lights
• Operator presence system

PERFORMANCE
• Simple display for quick access to vital truck information (truck speed, battery power and error codes)
• Multiple performance modes (selectable on display) to match application
• Hydraulic power steering minimizes steer effort and "kick-back" for precise positioning
• AC traction and lifting motors, with electronic control, deliver reliable performance
• Maintenance free oil-immersed brakes and regenerative braking system for smooth traction
• UXT is compatible with lead acid and thin plate pure lead (TPP) battery power
• UXTL is equipped with lithium-ion battery power designed into the forklift direct from the factory

SERVICE
• Brushless AC traction and hydraulic motors help reduce maintenance cost
• Easy access to the drivetrain helps minimize service time
• Removable cover provides convenient access to controller assembly mounted inside the counterweight

TRUCK DIMENSIONS

NOTE: The Industrial Truck Association (ITA) defines the formula for calculating Right Angle Grade on 3-wheel trucks with counter rotating load wheels as:

Right Angle Grade = \sqrt{\text{Load Diameter} \times \text{Load Length} + \text{Load Width}^2} 

(For a 36" wide by 60" long)
Yale uses the above ITA formula to calculate Right Angle Stack on our 3 and 4 wheel trucks with a zero turn steer axle and counter rotating load wheels.

Some documentation incorrectly calculates Right Angle Stack on a 3-Wheel zero-turn truck with counter rotating load wheels using the following formula:

$$ \text{Right Angle Stack} = \text{OTR} + (\text{Load Distance} + \text{Load Length})^2 + \text{Load Width}^2 $$

This formula generates a value which is invalid and lower than actual Right Angle Stack.

When making comparisons, be sure the correct ITA formula is used to calculate Right Angle Stack.
### ERP40UXT/UXTL General Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Traction motors (dual)</td>
<td>6000 (78.14) kW</td>
</tr>
<tr>
<td>Lifted height</td>
<td>56</td>
</tr>
<tr>
<td>Tires, center of tire</td>
<td>19.1 (485)</td>
</tr>
<tr>
<td>Overall width std tires</td>
<td>44.9 (1140) mm</td>
</tr>
<tr>
<td>Lower speed RL/NL</td>
<td>84.6/76.7 (430/390)</td>
</tr>
<tr>
<td>Lift height - top of fork</td>
<td>78.3 (1990)</td>
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<tr>
<td>Load distance</td>
<td>19.3 (4900)</td>
</tr>
<tr>
<td>Forks</td>
<td>64.6 x 48 x 42 (1625 x 1067)</td>
</tr>
<tr>
<td>Grindability</td>
<td>3.5 (90)</td>
</tr>
<tr>
<td>Electric motor</td>
<td>65.4 (1660)</td>
</tr>
<tr>
<td>Overall extended height</td>
<td>216.2 x 105 (5490)</td>
</tr>
<tr>
<td>Free lift - top of fork</td>
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<tr>
<td>Mast type</td>
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<td>2/3 (3)</td>
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**Battery Type:** "EO" (without cover)

Battery compartment length is measured front to rear.

Battery compartment width is measured across the track

Battery lead: length 9.84" (250mm), position "B", 2/0 AWG

### ERP32-40UXT Battery Compartment Specifications

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<td>48</td>
<td>32.6 (830)</td>
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### ERP40UXT

- **Model:**
  - Compartment size
  - Battery specifications

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### Performance

- 48-volt electrical system
- AC traction and pump motors (completely brushless)
- Transistor drive and pump control
- Progressive thermal management system
- Dual drive motors

### Batteries and Chargers

- Configured for lead acid or thin plate pure lead (ERP32-40UXT)
- 25.6kWh lithium battery (ERP32-40UXTL)
- 12.8kWh, 19.2kWh lithium battery (ERP32-40UXTL)

### Drive

- Solid pneumatic tires
- Non-marking solid pneumatic drive and steer tires

### Lift

- 2-stage limited free lift (LFL) mast with maximum fork height of 130" (3300mm)

### Ergonomics

- Non-suspension seat (vinyl) with seat belt and hip restraints
- Full suspension seat (vinyl) with seat belt and hip restraint

### Operation

- Standard construction - operating temperatures -5°C to +48°C
- Cold storage (-10°F)
- Vertical battery extraction (lift out)

### Handling

- 39" (970mm) wide class II
- 36" (915mm) tall, or 42 1/2" (1080mm) tall load back rest

### Supplementary

- 12 month / 2,000 hour full truck warranty
- 36 month / 6,000 hour powertrain warranty
- 60 month / 10,000 hour lithium battery warranty (ERP32-40UXTL)
- Operating manual

### Operation Continued

- Front working lights, turn light & tail lights (all lights are LED)
- Rear working (left & right)
- Stride LED light (low mounted)
- Blue spotlight
- Parking alarm
- Audible alarm
- Rear handle and horn button
- Speed limit (factory setting according to customer’s requirement)
- Speed limit when mast is raised (max lift, truck speed limited to 3 km/h)
- DC to AC converter (output 5V, 50W)
- USB Port
- 12V power port (output 12V, 50W)
- Operator presence system (OPS)
- Integral side shift (torque limiter)

### Features List

- Vertical battery extraction (for one worker)
- 6 function hydraulic control valve
- 4 function hydraulic control valve
- Cowl mounted control actuators
- Integral side shift
- Lift out mast control
- 3 function hydraulic control valve
- 6 function hydraulic control valve
- 3 function hydraulic control valve

### User Manual

- Operator’s manual

### Specifications

- **W (in) L (in) H (in) Weight**
  - ERP32-40UXT Vertical Extract: 33.1 (843) 24.8 (630) 25.3 (645) 1980 (992) 2185 (992)
  - ERP40UX: 29.6 (752) 24.69 (627) 25.3 (645) 1980 (1034) 2515 (1142)

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About Yale

Yale Lift Truck Technologies leverages over a century of material handling experience and substantial investment in innovation to bring the most advanced technology-driven lift truck solutions to market. The company offers a full line of award-winning lift trucks, including reach trucks, order pickers, turret trucks, pallet jacks and trucks, pallet stackers, tow tractors and counterbalanced forklifts, as well as powerful operator assist solutions, proven robotics and a wide range of power sources to help customers adapt to today’s demanding supply chain. Yale and its independent dealer network support these solutions with comprehensive after-sales service, parts, financing and training.

MATERIALS HANDLING FOR:

Third-party logistics (3PL)
Auto parts distribution
Beverage
Cold & frozen foods
Food distribution
Food processing
Furniture & furnishings
Government
Health & pharma
Home centers & durables
Retail & e-commerce

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Trucks may be shown with optional equipment and/or features not available in all regions. Truck performance may be affected by the condition of the vehicle, how it is equipped and the application. Specifications are subject to change without notice. Consult your Yale® Dealer if any of the information shown is critical to your application.

CERTIFICATION: Yale lift trucks meet the design and construction requirements of B56.1-1969, per OSHA Section 1910.178(a)(2), and also comply with the B56.1 revision in effect at time of manufacture.