ERP155-190VNL
Powered by 350V Lithium-Ion Technology

The Yale® ERP155-190VNL sit-down counterbalance forklift breaks new ground as a high capacity, indoor/outdoor option powered by an integrated, high voltage lithium-ion battery. The powerful 350-volt lithium-ion technology and electric drivetrain provide the ICE-like performance that heavy-duty applications require, with zero emissions, quick opportunity charging and no maintenance.

WHY 350V LITHIUM-ION?

- Consistent, full power during use
- Sealed and maintenance free
- Fully charges in less than 90 minutes¹
- Zero emission w/ no off-gassing

¹ Requires 50kW BorgWarner charger
# ERP155-190VNL

A groundbreaking solution for heavy-duty applications

The Yale ERP-VNL series is the industry’s first lineup of 15,500-19,000lb. counterbalanced lift trucks powered by an integrated, 350-volt lithium-ion battery. It was designed to satisfy a need for a zero-emission alternative in a high capacity range for both indoor and outdoor operation without sacrificing ICE-like performance.

## High-voltage battery
- 350-volt, high-power sealed lithium-ion battery
- Longer overall battery cycle life\(^1\)
- Quick opportunity charging capability
- Zero emissions and no maintenance

## Electric drivetrain
- Performs with ICE-like traction and hydraulic performance
- Allows for fine-tuned control of the traction and hydraulic systems
- Liquid cooled for consistent, stable temperature control

## Energy efficiency
- Fast charging times – reaches full charge in less than 90 minutes\(^2\)
- Battery is 90-95% efficient during both operation and charging
- 90% efficient permanent magnet motors

## Operator comfort
- Standard air ride seat and Accutouch mini-lever hydraulic controls help boost operator comfort
- Help keep operators focused and productive with low noise levels and no emissions

## Ease of service
- Fewer serviceable parts and less periodic maintenance than ICE trucks
- Completely maintenance free lithium-ion battery

### GENERAL SPECIFICATIONS ERP155-190VNL

<table>
<thead>
<tr>
<th>Model</th>
<th>ERP155VNL</th>
<th>ERP170VNL</th>
<th>ERP175VNL36</th>
<th>ERP190VNL</th>
</tr>
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<tr>
<td>Power type</td>
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<td>Rated capacity</td>
<td>lb (kg)</td>
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<td>17,000 (8000)</td>
<td>17,500 (8000)</td>
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<td>Load center, distance</td>
<td>in (mm)</td>
<td>24 (600)</td>
<td>24 (600)</td>
<td>36 (900)</td>
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<tr>
<td>Travel speed, RL</td>
<td>mph</td>
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<td>14.9</td>
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<td>Lift speed, RL</td>
<td>ft/min</td>
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<td>Battery type</td>
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<td>Battery voltage/Capacity(^3)</td>
<td>V/Ahr</td>
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<td>Traction motor type</td>
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<tr>
<td>Pump motor type</td>
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<tr>
<td>Traction Motor Power (S2 60 Minute Rating)</td>
<td>hp (kw)</td>
<td>60.3 hp (45kW)</td>
<td>60.3 hp (45kW)</td>
<td>60.3 hp (45kW)</td>
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</table>

\(^1\) When compared to typical lead-acid batteries. \(^2\) Requires 50kW BorgWarner charger; consult your Yale® Dealer for details. \(^3\) Nominal Values

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