### 340k Stand-Alone Specifications

#### 340k Hydraulic Unit Assembly

This hydraulic unit consists of four hydraulic cylinders mounted upon fabricated steel bulkheads to which stationary power slips are attached as well as associated hydraulic controls and pipe work. A traveling head arrangement with integral rotary table is mounted directly upon the free end of the four hydraulic cylinder rods. The unit has telescoping guides to support against buckling of tubing on large unsupported lengths. A 4-way directional flow control valve package with a regenerative\(^1\) circuit allows the unit to run at quicker speeds.

A built-in window is available during work over operations, reducing the overall height of the unit. The unit is engineered to be capable of being lifted in one complete assembly. The lifting structure analysis is performed with respect to API RP 2A and were performed in accordance with some of our major clients. The structural steel design calculations were performed in accordance with the API 8C 5th Edition. Environmental loading calculations as per API 4F has been successfully performed on this unit.

#### Safety Features

- A remote panel is installed in the workbasket to operate the power pack. The operator has the ability to stop, throttle up or down and emergency kill the power pack without leaving the workbasket.
- A stationary walk-around is installed at the base of the jack which allows an extra containment for dropped objects while working on the jack.
- Emergency egress poles are installed around the workbasket for safe escape during emergency situations.
- Slip Interlock System

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\(^1\) Process of increasing a cylinder's speed by taking the discharge flow from the rod end of a cylinder and adding it to the flow to the cylinder's cap end.

### 340k HWO Unit Capabilities

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pulling Capacity</strong></td>
<td>340,000 lbs (4-leg mode)</td>
</tr>
<tr>
<td></td>
<td>170,000 lbs (2-leg mode)</td>
</tr>
<tr>
<td><strong>Snubbing Capacity</strong></td>
<td>150,000 lbs (4-leg mode)</td>
</tr>
<tr>
<td></td>
<td>75,000 lbs (2-leg mode)</td>
</tr>
<tr>
<td><strong>Stroke Length</strong></td>
<td>10 feet</td>
</tr>
<tr>
<td><strong>Through Bore</strong></td>
<td>13-5/8&quot;</td>
</tr>
<tr>
<td><strong>Gin Pole Auxilliary Winch</strong></td>
<td>8,000 lbs hanging weight</td>
</tr>
<tr>
<td><strong>Rotary</strong></td>
<td>11,500 ft*lbs</td>
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<tr>
<td></td>
<td>60 revs/min</td>
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</tbody>
</table>
Key Features & Benefits

- Large work basket area for multiple personnel use
- Passive bearing and strain gauge provides accurate rotary torque readings
- Emergency egress poles
- Built-in window for work over operations
- Power pack remote panel – Class 1 Div. 2 compliant
- Extension ladder(s) for ingress/egress
- Stationary walk-around
- Regenerative mode accessible
- Laydown pole to assist with tailing tubing
- Complete unit assembly lift capable
- Engineered in accordance to API RP 2A, API 4F, API 8C 5th ed.; and and many of our major clients specifications where applicable.

For more information, contact your Halliburton representative or email us at production-solutions@halliburton.com.

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