HYDRAULIC - MECHANICAL

W100 UPRIGHT WINCH

A compact, versatile, heavy duty winch mounted in a rugged frame. Large drum diameter for extended rope life. Hydraulic drive with brake valve. Heavy loads can be lowered in safety. Lever operated dog clutch fitted with an air cylinder to allow remote operation. Drag brake on the drum to prevent wire rope ballooning when freewheeling.

SPECIFICATIONS
Capacity: 445 kN (100,000 lb)
Weight: 1100kg (without rope)
Ratio: 40:1 Bare gearbox
Ratio: 52:1 Overall with chain drive
Drum Ø219 mm x 553 mm
Rec. Wire Rope: 30m x Ø32mm
Max Wire Rope: 97m x Ø32mm
Hydraulic Oil Requirements: 200 litre/min @ 200 bar

<table>
<thead>
<tr>
<th>Layer</th>
<th>Line Pull kN</th>
<th>Line Speed @ 200 l/min m/min</th>
<th>Line Speed @ 150 l/min m/min</th>
<th>Total rope Length m</th>
</tr>
</thead>
<tbody>
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<td>445</td>
<td>3.6</td>
<td>2.7</td>
<td>12.7</td>
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<td>352</td>
<td>4.6</td>
<td>3.4</td>
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<td>4.9</td>
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<td>214</td>
<td>7.4</td>
<td>5.6</td>
<td>97.2</td>
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</tbody>
</table>

All our winches feature hardened and ground worms and bronze worm wheels for long service and reliability.

Your Winch Industries Distributor is:

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