Skagit® Heavy-Duty Winch

Model RB-90-FC

HOISTING PERFORMANCE

- 40,000 lbs (19.9 MT) to top layer

STALL LINE PULL

- 200,000 lbs (90.7 MT) at 1st layer

CAPACITY

- 1.5-in (38 mm) rope: 4,100 ft (1,249 m)
- 1.25-in (32 mm) rope: 6,100 ft (1,859 m)

ENGINE & TRANSMISSION

- 152 HP (113 kW) diesel engine
- 3-speeds Forward / Reverse Power Shift Transmission
- Optional Hydraulic Transmission or Electric Shift Drive

DRUM SIZE

- 20-in (508 mm) Barrel Diameter
- 66-in (1,676 mm) Flange Diameter
- 38-in (965 mm) Between Flanges

DRUM CLUTCH

- Internal, Expanding Friction Clutch
- Air Actuated / Spring Released

DRUM BAND BRAKE

- 250,000 lbs (113 MT) Static 1st Layer Holding Capacity
- Spring Set / Air Released

DRUM PAWL

- 220,000 lbs (100 MT) 1st Layer Holding Capacity
- Air Operated

WEIGHT & DIMENSIONS

- 40,000 lbs (18,144 kg)
- Length X Height X Width
  199-in (5,055 mm) 109-in (2,769 mm) 114-in (2,896 mm)

OPTIONAL EQUIPMENT

Upper Drum Levelwind
- Diamond Screw Driven
- Bolt-on Design
- 15 degree Maximum Fleet Angle
- Approximate Weight: 6,000 lbs. (2,722 kg)

Double Drum Levelwind
- Stand-Alone
- Hydraulic Cylinder Driven
- 15 degree Maximum Fleet Angle
- Approximate Weight: 10,000 lbs. (4,536 kg)

Fleeting Sheaves
- Keeps rope near to deck
- Allows cable to fleet out the front and rear of winch
- Approximate Weight: 2,000 lbs. (907 kg)
SMATCO® Heavy-Duty Winch

Model RB-90-FC

THEORETICAL HAUL IN PERFORMANCE

Single Drum Operation (shown for 1.5 inch (38 mm) rope) / 20 inch drum (508 mm)

<table>
<thead>
<tr>
<th>LAYER</th>
<th>1st GEAR</th>
<th>2nd GEAR</th>
<th>3rd GEAR</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>LINE PULL</td>
<td>LINE SPEED</td>
<td>LINE PULL</td>
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<tr>
<td></td>
<td>KIPS (MT)</td>
<td>FPM (MPM)</td>
<td>KIPS (MT)</td>
</tr>
<tr>
<td>First Layer</td>
<td>127 (57.6)</td>
<td>20 (6.1)</td>
<td>46 (20.9)</td>
</tr>
<tr>
<td>Mid Drum (8th Layer)</td>
<td>67 (30.4)</td>
<td>38 (11.6)</td>
<td>24 (10.9)</td>
</tr>
<tr>
<td>Full Drum (16th Layer)</td>
<td>44 (19.9)</td>
<td>59 (17.9)</td>
<td>16 (7.3)</td>
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</tbody>
</table>

Note: Triple Drum and Reverse Waterfall configurations are available on request.