For pulling and positioning pipe segments on drilling rigs, Thern’s Racking Board Winch delivers superior performance. Steady, reliable operation means crews can place pipe quickly and securely without hassle or delay.

**STANDARD FEATURES**
- Machine Cut Gears
- Enclosed Oil Bath
- Internal Mechanical Brake
- Cast Aluminum Construction
- Cable Pressure Bar for Uniform Winding
- Large Diameter Drums Extend Rope Life
- Controls
  - Electric (EL) 16’ Pendant,
  - Pneumatic (PN) 20’ Pendant
  - Hydraulic (HY) Control valve and 6’ hose pack
- 2-Year Limited Warranty

**OPTIONS & ACCESSORIES**
- Pre-wound Galvanized Wire Rope
- Custom Rope Lengths*
- Voltage or Phase Motor Options*
- Custom Controls*
- E-Stop*
- Durable Epoxy Finish*
- Custom Finish Colors*
- Wall or Ceiling Mounting Options*

*Please contact factory for more information and lead times

2000 lb Capacity
Racking Board Winch

HAND / POWER / HYDRAULIC / AIR WINCHES • DAVIT CRANES
Winona, MN USA  I  www.thern.com
Recommende d Fleet Angle Distance
Fleet Angle
Load
Lead Sheave
Center Line
ID
OD
W
A
B
H
S (hole dia.)

Install wire rope correctly as shown, or brake will not operate properly.

**Winch Dimensions**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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<tr>
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<td>14.50</td>
<td>369</td>
<td>9.00</td>
<td>229</td>
<td>3.55</td>
<td>91</td>
<td>17.50</td>
<td>445</td>
<td>6.75 161</td>
<td>11/32 9</td>
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<td>172</td>
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<td>Pneumatic</td>
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<td>9.00</td>
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<td>12.00</td>
<td>305</td>
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<td>172</td>
<td>6.31 161</td>
<td>11/32 9</td>
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<tr>
<td>Hydraulic</td>
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<td>2.16</td>
<td>55</td>
<td>11/32 9</td>
<td>72 33</td>
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Dimensions are for reference only and subject to change without notice.

**Drum Dimensions**

<table>
<thead>
<tr>
<th>Drum Diameter (ID)</th>
<th>Flange Diameter (OD)</th>
<th>Drum Width (W)</th>
<th>Fleet Angle Distance (A)</th>
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<td>(in)</td>
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<td>(in)</td>
<td>(in)</td>
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<tr>
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<td>6.00</td>
<td>153</td>
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</table>

Dimensions are for reference only and subject to change without notice.

1Recommended minimum distance between drum and lead sheave for smooth drum.

**Performance Characteristics**

<table>
<thead>
<tr>
<th>Model</th>
<th>Motor HP</th>
<th>1st Layer (lb)</th>
<th>Mid Drum (lb)</th>
<th>Full Drum (lb)</th>
<th>Wire Rope Diameter (in)</th>
<th>1st Layer (fpm)</th>
<th>Mid Drum (fpm)</th>
<th>Full Drum (fpm)</th>
<th>Line Speed (ft/min)</th>
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<tbody>
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<td>1,200</td>
<td>545</td>
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<td></td>
<td>4,0</td>
<td>22</td>
<td>6,7</td>
<td></td>
</tr>
</tbody>
</table>

Please contact factory or nearest Thern Distributor for firm fixed price and delivery.

1 Actual drum capacities may be 25-30% less, due to nonuniform winding. Tension in wire rope will also affect drum capacity.

2 Motor is 115/1/60 VAC and includes a 16 ft power cord with grounded plug, and a push button pendant control on 16ft cord.

3 For pneumatic and hydraulic models, line speed is based on rated load, actual line speed varies with load weight and power supply.

Please contact factory or nearest Thern Distributor for firm fixed price and delivery.

3 For pneumatic models, ratings are for 80 cfm at 100 psi. For hydraulic models, ratings are for 4 gpm at 1000 psi.

**IMPORTANT:**
It is the owner or operator’s responsibility to determine the suitability of the equipment to its intended use. Study all applicable codes, manuals and regulations. Be sure to read the Owner’s Manual supplied with the equipment before operating it.

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www.thern.com

**World-Wide Distribution**

Form RBCS-0418