APPLI CATION

- "ABM" Manual Crab Winch is used for pulling heavy loads, erecting Pillars and Poles, Tensioning Electric Lines.
- It is also used for lifting loads.

GEARS

- Crab Winch is a Multi Geared Machine viz. 1 Driver Gear 2. Reduction Gear 3. Pinion Gear & 4. Main load Gear mounted on two numbers of Ball Bearings.
- These are fabricated from Tested Steel, machined & Teeth Cut by Hob.

ROPE DRUM

- It is of M.S. Pipe Welded at both ends with flanges.

BODY PLATES

- M.S. Tested Plates confirming to IS : 226-1975.

BRAKE

- Two numbers of Brakes are provided for better safety.
- 1. Pawl & Ratchet Brake to prevent reverse movement of the drum on load.
- 2. Shoe Type Brake with Replaceable Brake - Lining for Extra Safety.

SPEED

- It can be varied by Shifting Gears.

OPERATION HANDLES

- Two Operating Handles are provided with each machine.
- Handles are well designed to pull heavy loads with the least efforts.
TEST

- All machines are tested at 25% overload.

TECHNICAL DATA

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Capacity in Tonnes</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>5</td>
<td>10</td>
<td>15</td>
<td>20</td>
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<tr>
<td>Drum Dia. (mm)</td>
<td>160</td>
<td>160</td>
<td>215</td>
<td>215</td>
<td>270</td>
<td>355</td>
<td>400</td>
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<tr>
<td>Drum Length (mm)</td>
<td>300</td>
<td>400</td>
<td>500</td>
<td>560</td>
<td>800</td>
<td>1000</td>
<td>1200</td>
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<td>Flange Dia. (mm)</td>
<td>285</td>
<td>380</td>
<td>400</td>
<td>500</td>
<td>600</td>
<td>750</td>
<td>900</td>
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<tr>
<td>Height A (mm)</td>
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<td>610</td>
<td>730</td>
<td>960</td>
<td>1140</td>
<td>1440</td>
<td>1700</td>
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<tr>
<td>Width B (mm)</td>
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<td>480</td>
<td>530</td>
<td>680</td>
<td>965</td>
<td>1140</td>
<td>1300</td>
</tr>
<tr>
<td>Length C (mm)</td>
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<td>750</td>
<td>900</td>
<td>980</td>
<td>1300</td>
<td>1700</td>
<td>1900</td>
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</table>

All Specifications are subject to change towards improvements without any prior notice.

Manufactured by ABM Fasteners (India) and Export Marketing by ABM Tools

Postal Address: 79A, Pocket GG-1, Vikas Puri, New Delhi – 110018, India
Phone: 91 98910 27608 / 91 11 2854 6891  Fax: 91-11-2854 0898
www.abmtools.com
www.abmfasteners.com
E-mail: abmtools@vsnl.net
sales@abmfasteners.com