1. Understanding and choosing an appropriate skimmer.
   A. Abanaki Skimmer capacity.
   B. Abanaki Belts.
   C. Wiper Blade Materials.
   D. Types of motors.
   E. Optional equipment.

2. Oil Grabber Model 8²

3. Oil Grabber Model 4

4. Oil Grabber Model MB (Multi-Belt)

5. Tote-It Portable

6. PetroXtractor – Well Oil Skimmer

7. Mighty-Mini Portable

8. Grease Grabber

9. Oil Boss

10. Oil Concentrator

11. Q-Vac 100

12. Mighty Disk Skimmer

13. Plastic Disk Skimmer

14. Li’l Blue Skimmer

15. Oil Viper Tube Skimmer
Understanding and choosing an appropriate skimmer

Abanaki skimmers remove any free floating hydrocarbon (oil, fat or grease) from aqueous liquids. This includes: kerosene, Bunker C, gasoline, diesel fuel, tramp oils, motor oils, salad oils, tuna oil, chicken fat, trichlorethylene, perchlorethylene, and many others.

**Wastewater Sumps**
- To reclaim waste oils before ejecting the water into the sewage system. The skimmer pays for itself in no time.

**Coolant Tanks**
- To remove tramp oils from coolant. Results are longer coolant life, cleaner coolant, and smooth operating machinery.

**Heat Treating Quench Tanks**
- Remove waste oils so they do not disrupt the rest of the heat treating operation.

**Parts Washers**
- Removes tramp oils from washwater allowing water to be recycled.

**Parking Lots - Truck Washing Stations**
- Recovers oil runoff from the buried API separators before the water is ejected into the sewers.

**CNC Machine Beds**
- Removes tramp oil from coolant beds.

**Outdoor Ponds, Lakes, even Streams**
- Where floating oil contamination requires removal.

**Food Processing Facilities**
- To lift or remove any type of edible oil or fat. Typical applications include a pet food factory where pig grease is removed from processing vats, and a tuna canning facility where fish oil is removed for reprocessing.

**In conjunction with Filtration Equipment**
- Removes floating oil before filtration, preventing clogging, and prolonging the life of the filter.

**Monitoring Wells**
- Removes oil and fuel from underground aquifers.
Understanding and choosing an appropriate skimmer

INDUSTRIES WHERE ABANAKI PRODUCTS ARE OPERATED:
Manufacturers of :
- Food and kindred products
- Textiles
- Wood and paper products, including furniture and containers
- Printing, publishing, and related products
- Chemicals and related products
- Petroleum refining and related industries
- Rubber and plastics products
- Leather products
- Stone, clay, glass and concrete products
- Primary metals (steel, copper, foundries, etc.)
- Fabricated metal products
- Machinery
- Electrical and electronic machinery, equipment and supplies
- Transportation equipment
- Medical related products (optics, drugs, instruments, etc.)

Other Industries include:
Agriculture, Forestry, and Fishing
Ore Mining
Oil and Gas Extraction
Mining and Quarrying of nonmetallic minerals
Construction
Railroad Transportation
Commercial Shipping Fleets
Local, Suburban and Highway Transportation
Motor Freight Transportation and warehousing
Car and Truck Washing
U.S. Postal Service
U.S. Corp. of Engineers
Electric and Gas utilities
Sanitary and Sewage treatment
Water utilities
Dry cleaning plants, industrial launders, and garment or uniform services
Automotive repair, services and garages
Understanding and choosing an appropriate skimmer

EXPERIENCE:
• Abanaki has been the leader in belt oil skimming technology for over thirty years. Unlike others, oil skimming has remained our specialty.

EASE OF INSTALLATION, OPERATION, AND MAINTENANCE:
• Depending on the unit, installation times range from 5 to 45 minutes. Abanaki skimmer's small imprint allows easy installation with little or no modification to existing structures. A variety of electrical sources can be used, so that the customer can specify electrical box / switch setup. And our concise installation instructions are the best in the industry.

GREAT RANGE OF CAPACITIES:
• Abanaki skimmers have removal rates ranging from 1 gallon per hour (3.8 liters per hour) to more than 200 gph (757 lph).

LIFTING POWER:
• A single unit elevates and separates oil distances as little as 6 inches (15 cm) up to 100 feet (3048 cm) or more.

OUTPUT QUALITY:
• Our skimmers have satisfied EPA requirements of leaving less than 5ppm (parts per million) of oil in water. In addition, with an Abanaki Oil Concentrator™, the oil skimmer will pick up less than 1% water with the removed product.

VALUE:
• Operating an Abanaki skimmer can actually save you money. Our skimmers require little labor, conserve wash water, lengthen coolant life and reduce disposal costs while allowing removed oil to be reused or recycled. All Abanaki skimmers are designed to give years of operation in the most demanding conditions.

NEXT DAY DELIVERY ANYWHERE IN THE CONTINENTAL U.S.A.
• Most of our standard oil skimmers and spare parts are stock items ready to ship. In case of emergencies, we can have a skimmer at your door in less than 24 hours, ready to solve your hydrocarbon contamination.
Understanding and choosing an appropriate skimmer

Capacity

What is the maximum amount of oil to be removed, and the shortest period of time available to do it?

Example:

- For instance, total input may be 200 gallons within a 24-hour period, which is about 8.3 gallons per hour. This data suggests a 4" Tote-It would be the skimmer ideal for this application (see below). However, should this oil contamination require removal in a shorter period of time, then an Oil Grabber® Model 4 or 82 would be a better choice. Therefore, to handle unforeseen emergencies, we recommend choosing a skimmer with twice the capacity you would anticipate in normal conditions.

### Capacity Table

<table>
<thead>
<tr>
<th>Capacity</th>
<th>MM* 1&quot; SST</th>
<th>MM* 2&quot; SST</th>
<th>Tote-It/ Petro 1&quot;</th>
<th>Tote-It/ Petro 2&quot;</th>
<th>Tote-It/ Petro 4&quot;</th>
<th>Oil Grabber 4&quot;</th>
<th>Oil Grabber 8&quot;</th>
<th>MB* 2 x 8</th>
<th>MB* 3 x 8</th>
<th>MB* 5 x 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 GPH</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>2 GPH</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>3 GPH</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>6 GPH</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>12 GPH</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>20 GPH</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
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<tr>
<td>40 GPH</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>80 GPH</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>120 GPH</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>200 GPH</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

* (MM – Mighty-Mini)
* (MB – Multi-Belt)

### NOTE:

- Skimmer capacity is not affected by the length of the belt.
- The entire tail pulley must be under water for maximum skimmer efficiency.
- Choose a belt length that will allow for easy mounting of the skimmer where oil discharge is convenient, and has access for routine maintenance. Abanaki's ability to use belts to lift skimmed material well over 100-feet with almost no loss in capacity or efficiency is an important feature for many users.
Understanding and choosing an appropriate skimmer

INFORMATION ABOUT ABANAKI BELTS

Corrosion Resistant Belt Series - After years of research and testing, this has become the material of choice. The CR steel belt is made from a specially formulated stainless steel alloy that is high in chrome, low in molybdenum, and low in carbon. The CR belt stands up to high temperatures and harsh chemicals. With belts operating continuously for 10 years in some cases, applications for this belt are almost limitless. The only limitations on its' use are certain combinations of temperature, pH levels, and type of solutions.

Elastomeric Belt Series - Our specially formulated elastomer is more attractive to oil and repellent to water than competitive products. It is an extremely durable material able to withstand rough handling during installation and maintenance. The elastomer belt is ideal in applications where abrasive particles are present or when physical abuse of the belt is likely. The single material belt will not delaminate and is designed for continuous operation. The ideal temperature range when using this material is between 50°F (10°C) and 140°F (60°C). Elastomer is also UV sensitive, so prolonged exposure to the sun should be avoided.

Poly-Belt - A polyester mono-filament with polyurethane liner, this material is available for demanding applications such as turbulent solutions or explosive atmospheres. An ideal application for the poly-belt is oil remediation using existing monitoring wells. It is also recommended for excessive long distances to pull heavy oils with no stretching. The poly-belt has an operating temperature range between 14°F(-10°C) and 170°F(77°C) continuous. The poly-belt is also effective for picking up certain types of floating emulsified oils.

Poly-XP – A NBR (textured pattern, blue) coated polyamide fabric, 1.25mm thick. Temperature range -4°F (-20°C) to 140°F (60°C) continuous, -22°F (-30°C) to 212°F (100°C) intermittent. This belt has a high strength pre-set nylon core with superior resistance to flexing fatigue. Resistant to fats, oils, grease, gasoline, and many other chemicals & solvents. Not resistant to Phenol, Cresol, and concentrated acids.

Poly-HT - The Poly-HT belt material can be used in applications where temperatures range between 14°F (-10°C) and 212°F (100°C) without stretching. It can also withstand harsh chemical environments such as those found in the plating industry.

LFO "Fuzzy" Polymer Belt - The Patent Pending LFO Polymer belt is specifically designed for high volume recovery of light to medium weight oils. The pickup fibers are .18" in cut length with a density of 18 denier and are mounted on a woven polymer backing at an angle of 45° in the direction of belt travel. Gasoline, diesel, jet fuels, etc. are recovered quickly and efficiently; expected recovery can be increased by as much as a factor of 95 from our other belts (SAE30 oil tested at a factor of 3). The belt is designed for 33°F (.5°C) to 160°F (71°C) with pH levels of 3 to 11. Reinforced to prevent stretching, this belt has tremendous surface area with only minimal change to the footprint of our more "standard" belts.

BELT SAMPLES ARE AVAILABLE FOR TESTING.
Understanding and choosing an appropriate skimmer

CHOOSING THE RIGHT BELT MATERIAL

Abanaki offers six different belt materials, each with its own properties. The chart below indicates the appropriate belt for the most common applications. The guidelines below are general, actual performance of belts will depend on the variables of each application. Heat, for example, increases a belt's sensitivity to pH levels. To help choose the right belt for your application, Abanaki offers free samples of the available belt material for testing.

<table>
<thead>
<tr>
<th>Belt Capabilities</th>
<th>Corrosion Resistant Steel</th>
<th>Elastomer</th>
<th>Poly-Belt</th>
<th>Poly-XP</th>
<th>Poly-HT</th>
<th>LFO &quot;Fuzzy&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ 150°F (66°C)</td>
<td>YES</td>
<td>NO</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td>pH down to 3</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES (down to 3)</td>
</tr>
<tr>
<td>pH up to 13</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NO (up to 11)</td>
</tr>
<tr>
<td>Can operate in the presence of grit, fine and other suspended particles</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
</tr>
</tbody>
</table>

BELT ORDERING INFORMATION:

Oil Grabbers®: (Model 82, Model 4, MB)
- The belt length is determined by the distance between the centers of the two pulleys. This is the center to center length. It is determined by measuring the distance from the mounting plane to the liquid at its lowest level, and adding 2 feet (61 cm). See "Belt Length Layout Drawing" for each model.
  
  - Oil Grabber® belts can be ordered in any size between 1'6" to 100' (feet), rounded off to the nearest 6 inches. All belt lengths up to 4 feet have the same base price with belt lengths over 4 feet priced on a cost per foot basis.

Portables: (Tote-It®, PetroXtractor®)
- The belt length is determined by the distance between the centers of the two pulleys. The center to center length is determined by measuring the distance from the mounting plane to the liquid at its lowest level, and adding 1 foot (30 cm). See "Belt Length Layout Drawing" for each model.
  
  - Tote-It belts can be ordered in any size between 1'6" to 5' (feet), rounded off to the nearest 6 inches. All belt lengths up to 5 feet are priced according to the unit. Belt lengths over 5 feet can be arranged using a special adapter and are priced accordingly.
  
  - PetroXtractor belts can be ordered in any size up to 110’, typically in increments of 6”.

(Mighty-Mini® SST)
- The belt length is determined by measuring the distance from the mounting plane to the bottom of the tail pulley. Lengths available are 6”, 12”, 18” and 24”

Steel belts should be handled with care!
(Nicks and Creases Substantially reduce the belt's life.)

Abanaki products should only be used with approved Abanaki belts and wiper blades.
Understanding and choosing an appropriate skimmer

SPECIFYING WIPER BLADE MATERIAL

Wiper blades are offered in five different materials to suit a variety of operating conditions. The standard material is Nitrile, which is appropriate for 95% of all applications. One of the optional materials, CRV, is recommended for particularly harsh conditions.

WHAT TYPE OF WIPER BLADES ARE BEST?
The charts below illustrate characteristics of each material.

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>NITRILE</th>
<th>CRV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum recommended temp °F (°C)</td>
<td>-25 (-32)</td>
<td>-20 (-29)</td>
</tr>
<tr>
<td>Maximum recommended temp °F (°C)</td>
<td>+240 (+116)</td>
<td>+400 (+204)</td>
</tr>
<tr>
<td>Hardness (durometer)</td>
<td>A40-95</td>
<td>A70-80</td>
</tr>
<tr>
<td>Resistance to: Tearing</td>
<td>Good</td>
<td>Poor to fair</td>
</tr>
<tr>
<td>Abrasion</td>
<td>Good-Excellent</td>
<td>Good</td>
</tr>
<tr>
<td>Oxidation</td>
<td>Good</td>
<td>Outstanding</td>
</tr>
<tr>
<td>Aliphatic hydrocarbons</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
<tr>
<td>Aromatic hydrocarbons</td>
<td>Good</td>
<td>Excellent</td>
</tr>
<tr>
<td>Oxygenated alcohol's</td>
<td>Good</td>
<td>Excellent</td>
</tr>
<tr>
<td>Dilute or Concentrated acids</td>
<td>Good</td>
<td>Good-Excellent</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>CERAMIC</th>
<th>STAINLESS STEEL</th>
<th>HYBRID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum recommended temp °F (°C)</td>
<td>All Temperatures</td>
<td>All Temperatures</td>
<td>-40 (-40)</td>
</tr>
<tr>
<td>Maximum recommended temp °F (°C)</td>
<td>All Temperatures</td>
<td>All Temperatures</td>
<td>+140 (+60)</td>
</tr>
<tr>
<td>Resistance to: Tearing</td>
<td>N/A</td>
<td>N/A</td>
<td>Excellent</td>
</tr>
<tr>
<td>Abrasion</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
<tr>
<td>Oxidation</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
<tr>
<td>Aliphatic hydrocarbons</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
<tr>
<td>Aromatic hydrocarbons</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
<tr>
<td>Oxygenated alcohol's</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Not Tested</td>
</tr>
<tr>
<td>Dilute or Concentrated acids</td>
<td>Excellent</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
</tbody>
</table>

NOTES:
- Both Nitrile and CRV wiper blades have excellent resistance to heat aging.
- CRV is recommended for outdoor use (Nitrile is sensitive to UV rays)

(All data comes from Perry's Chemical Engineer's Handbook, 6th edition.)
Understanding and choosing an appropriate skimmer

**TYPE OF MOTOR**

All Abanaki skimmers are designed to be driven by standard, industrially rated, motors with fully enclosed speed reducing drives. Abanaki skimmers can be specified with the following motors:
- Drip Proof
- TEFC (Totally Enclosed Fan Cooled)
- Severe Duty
- Explosion Proof - Class I, Group D  Class II, Groups F & G
- Weather Protected Type
- Chemical Duty
- 12vDC

**WHAT TYPE OF MOTOR DO YOU REQUIRE?**

The following are the standard motors available with Abanaki belt skimmers:

**Oil Grabbers®**
- 60Hz 1-ph 115/208-230v 1/4hp 1725rpm 56C Face TEFC
- 60Hz 3-ph 208-230/460v 1/4hp 1725rpm 56C Face TEFC
- 50Hz 1-ph 110/220v 1/2hp 1425rpm 56C Face TEFC
- 50Hz 3-ph 220/380/440v 1/2hp 1425rpm 56C Face XPFC

**Tote-It® Portable**
- gear motor, 60Hz 115v 1/20hp 12rpm
- gear motor, 50Hz 110/220v 12.5rpm
  - 60Hz 115/230v 15rpm

**Mighty Mini® SST**
- gear motor, 60Hz 115v 30rpm needle bearing fan-cooled
- gear motor, 50Hz 230v 30rpm needle bearing fan-cooled

**Grease Grabber®**
- 60Hz 1-ph 115/208-230v 1/4hp 1725rpm 56C Face TEFC
- 50Hz 1-ph 110/220v 1/2hp 1425rpm 56C Face TEFC

**PetroXtractor®**
- gear motor, 60Hz 115v 1/20hp 30rpm
- gear motor, 60Hz 115v 1/20hp 12rpm
- gear motor, 50Hz 110/220v 12.5rpm
  - 60Hz 115/230v 15rpm
Understanding and choosing an appropriate skimmer

The following are the standard motors available with Abanaki disk and tube skimmers:

Mighty® Disk Skimmer
- Gear Motor, 60Hz 115v 7rpm
- Gear Motor, 50Hz 260v 7rpm
- Gear Motor, 60Hz 115v 3.5rpm
- Gear Motor, 50Hz 260v 3.5rpm

TubeTastic!™ Tube Skimmer
- Gear Motor, 60Hz 115v 45rpm
- Gear Motor, 50Hz 260v 45rpm

If you are faced with an unusual requirement, contact the factory about the availability of special motors, controls and drive components.
Understanding and choosing an appropriate skimmer

Optional Equipment

Abanaki oil skimmers offers various options to adapt to different applications. Some of the most common options are listed below:

<table>
<thead>
<tr>
<th>Mounting stands:</th>
<th>Concentrator and Options:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barrel mount support bracket for the Tote-It</td>
<td>Tote-It mounting adapter</td>
</tr>
<tr>
<td>5' storage stand for the Tote-it</td>
<td>Stainless steel Concentrator (SS 316) - OC-110</td>
</tr>
<tr>
<td>Universal mounting stand 48&quot; high</td>
<td>Concentrator with heater</td>
</tr>
<tr>
<td>Cage type stand for pits</td>
<td>OC-110 &amp; OC-200</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heater hood for outdoors (Model 8² and 2x8)</td>
</tr>
<tr>
<td>Yokes and chains for all skimmers</td>
</tr>
<tr>
<td>Belt Retainer</td>
</tr>
</tbody>
</table>

### Options and Other Capabilities

<table>
<thead>
<tr>
<th>Oil Grabber</th>
<th>Portable</th>
<th>Multi-Belt Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPTIONS AND OTHER CAPABILITIES</td>
<td>Model 8²</td>
<td>Model 4</td>
</tr>
<tr>
<td>HEATED DECANTER</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>MORE THAN 10 FEET OF LIFTING DISTANCE</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>HEATED HOOD FOR OUTDOOR COLD WEATHER APPLICATIONS</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>AVAILABLE IN 316 STAINLESS</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>CORROSION RESISTANT STEEL BELT</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>OUTDOOR SHELTER</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>BELOW GRADE UNIT</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>VAPOR TIGHT ENCLOSURE</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>FLOAT SWITCH DRUM SHUTOFF</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

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17387 Munn Road  Chagrin Falls, Ohio  44023  U.S.A.

Phone: 1-800-358-SKIM  Fax: (440) 543-7404

www.abanaki.com
Understanding and choosing an appropriate skimmer

Instructions: copy sheets, complete worksheet and then fax to Abanaki.

Name:_____________________________________, PH:_____________, Fax:_____________
Company:__________________________________________________________________________
Address:___________________________________________________________________________

<table>
<thead>
<tr>
<th>Capacity in GPH</th>
<th>MODEL OF SKIMMER</th>
<th>☑ one</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mighty Mini 1&quot; SST</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Mighty Mini 2&quot; SST</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Tote-It Portable 1&quot;</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PetroXtractor 1&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Tote-It Portable 2&quot;</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PetroXtractor 2&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Tote-It Portable 4&quot;</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PetroXtractor 4&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Oil Grabber Model 4</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>Oil Grabber Model 8²</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>Multi-Belt 2x8 Unit</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>120</td>
<td>Multi-Belt 3x8 Unit</td>
<td>☑</td>
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<tr>
<td>160</td>
<td>Grease Grabber</td>
<td>☑</td>
<td></td>
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<tr>
<td>200</td>
<td>Multi-Belt 5x8 Unit</td>
<td>☑</td>
<td></td>
</tr>
</tbody>
</table>

Optional SS construction (Y/N): _____

<table>
<thead>
<tr>
<th>☑ one</th>
<th>TYPE OF BELT</th>
<th>LENGTH OF BELT (Length of belt measured ctr-ctr between head pulleys)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>STAINLESS STEEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ELASTOMER</td>
<td></td>
</tr>
<tr>
<td></td>
<td>POLY BELT</td>
<td></td>
</tr>
<tr>
<td></td>
<td>POLY-XP</td>
<td></td>
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<tr>
<td></td>
<td>POLY-HT</td>
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</tr>
<tr>
<td></td>
<td>LFO &quot;Fuzzy&quot;</td>
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</tr>
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</table>

<table>
<thead>
<tr>
<th>Capacity in GPH</th>
<th>MODEL OF SKIMMER</th>
<th>☑ one</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1/2</td>
<td>TubeTastic! Tube</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Mighty Disk 12”</td>
<td>☑</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Mighty Disk 18”</td>
<td>☑</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>☑ one</th>
<th>TubeTastic!</th>
<th>☑ one</th>
<th>Mighty Disk</th>
<th>☑ one</th>
<th>Mighty Disk</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6” Tube</td>
<td></td>
<td>12” Standard Disk</td>
<td></td>
<td>12” High Temp. Disk</td>
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<tr>
<td></td>
<td>12” Tube</td>
<td></td>
<td>18” Standard Disk</td>
<td></td>
<td>18” High Temp. Disk</td>
</tr>
<tr>
<td></td>
<td>18” Tube</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>24” Tube</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Understanding and choosing an appropriate skimmer

WIPER BLADE MATERIAL

| NITRILE  (Standard on Carbon Steel units) | CRV  (Standard on SS units) |
| Ceramic | Stainless Steel |
| Hybrid |

☐ HEATER FOR SKIMMER (single phase only). Available on Model 8² and Multi Belt units only.

<table>
<thead>
<tr>
<th>OIL SKIMMER STANDS AND MOUNTS</th>
<th>Circle Choice</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIGHTY MINI</td>
<td>PETROXTRACTOR</td>
</tr>
<tr>
<td>DUAL POSITION MOUNTING BRACKET</td>
<td>DRUM MOUNT</td>
</tr>
<tr>
<td></td>
<td>4' STAND</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TAIL PULLEY options</th>
<th>YOKE &amp; TETHER</th>
<th>BELT RETAINER</th>
<th>SS CONSTRUCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>☑ all that apply</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>CONCENTRATORS</th>
<th>√ CONCENTRATOR</th>
<th>√ OPTIONAL HEATER</th>
<th>√ OPTIONAL S.S. CONSTRUCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ODM-100 Mighty-Mini 1” and 2”, Tote-It 1” and 2”</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>OC-110 Tote-It 4”, PetroXtractor PX-A, PX-B and PX-C, Model 4, and Model 8²</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>OC-200 Multi-Belt Units</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mighty Disk</td>
<td></td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

Outdoor Shelters, Below Grade Unit, and Vapor Tight Enclosure Options ☑ all that apply

<table>
<thead>
<tr>
<th>Description of application. Please include type of oil, pH and temperature of solution, and size of tank (dimensionally and gallon capacity). Include a sketch if possible.</th>
</tr>
</thead>
</table>

Use these sheets when inquiring about possible configurations, always consult the factory for exact and up to date information.

Thank you for specifying an Abanaki Skimmer.
Oil Grabber® Model 82

Quick Summary:
A heavy duty oil skimmer, using patented technology, to solve large oil contamination problems. Special options available with the Model 82 include: all stainless steel construction, vapor tight enclosure, infrared heater hood for non-explosive freezing applications and a complete system control box. Also the Model 82 has the versatility of the standard channel mount or optional flat surface mount. Applications include: truck washes, heat treating plants and power plants.

Highlights:
1. A continuous 8" belt of corrosion resistant steel or elastomer up to 100 feet center to center.
2. Oil discharge is through 3" M.P.T. coupling on flat mount model, and a 5" channel on channel mount model.
3. A removable steel guard for visual inspection of drive pulley.
4. TEFC motor.
5. Removes up to 40 gallons of medium weight oil per hour.
6. Adjustable wiper blade assembly.

Quick Chart:

<table>
<thead>
<tr>
<th>CAP. GAL.</th>
<th>MODEL</th>
<th>BELT WIDTH</th>
<th>BELT LENGTH</th>
<th>RPM AMPS</th>
<th>VOLTS Hz</th>
<th>PHASE</th>
<th>RPM</th>
<th>VOLTS Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>1 x 8</td>
<td>8&quot;</td>
<td>Up to 100 ft.</td>
<td>1725 RPM 5/2.6/2.5</td>
<td>115/208-230 60Hz</td>
<td>1 PH TEFC</td>
<td>1425 RPM 7.2/3.6</td>
<td>110/220 50Hz</td>
</tr>
<tr>
<td>40</td>
<td>1 x 8</td>
<td>8&quot;</td>
<td>Up to 100 ft.</td>
<td>1725 RPM 1.4/1.3/.65</td>
<td>208-230/460 60Hz</td>
<td>3 PH TEFC</td>
<td>1425 RPM 2/1.2/1</td>
<td>220/380/440 50Hz</td>
</tr>
</tbody>
</table>

Note:
Additional motors, including explosion proof, are available per customer specification. See motor spec sheet for complete listing of motors. Always consult the factory for special applications.
PART 1: GENERAL

1.01 Construction
1. Solid welded carbon steel with a baked on powder coat finish.
   A. Color: RAL5005 or equivalent (Dark Blue).
2. Stainless Steel.

1.02 Pulley Types
1. Drive Pulley (Head Pulley)
   A. Magnetic drive pulley. Two magnet assemblies per cross bar with 8 cross bars per head.
2. Tail Pulley
   A. Solid drum type, free floating in belt. With collars for shaft when yoke & chain are required.
   B. High Capacity.

1.03 Motor: (one of two motors standard)
1/4 H.P. 1 PH 60Hz TEFC
1725 RPM 56 C-Face
115/208-230 Volt
5 / 2.6 / 2.5 Amps
or
1/4 H.P. 3 PH 60Hz TEFC
1725 RPM 56 C-Face
208-230/460 Volt
1.4 / 1.3 / .65 Amp

1.04 Gear Reducer
1. Standard C-Face
   A. 150:1 double reduction
   B. Oil filled
   C. Bronze gears/ball bearings
   See separate specification sheet for additional details

1.05 Guard
1. Solid cover over drive pulley area.

1.06 Belt Material and Length
1. Standard Corrosion Resistant Steel Belt.
2. Length as required up to 100'.

1.07 Wiper Blades
   A. Front Wiper Assembly - Spring tensioned with single wiper insert.
   B. Rear Wiper Assembly - Stationary wiper holder, single wiper insert.

1.08 Oil Discharge Outlet
1. Standard Channel Mount
   A. Dual troughs discharging into a single 5" channel to oil collection tank.
2. Flat Surface Mount Optional
   A. Dual troughs discharging through a 3" M.P.T.

1.09 Mounting Arrangements
1. Standard Skimmer Configuration
   A. 5 x 6.7 (5" channel) x 20" long minimum; also doubles as discharge outlet.
2. Optional Skimmer Configurations
   A. Flat Surface Mount with 3" M.P.T. for piped discharge.
   B. 4 x 7.25 (4" channel) same as 1.09.1, use of 5 x 6.7 preferred.

1.10 Weights and Size
1. 61 lbs. skimmer + 20 lbs. motor = 81 lbs/unit
2. Overall size of std. unit: 29-1/2"L x 16"W x 20"H
3. Overall size of unit w/heater: 29-1/2"L x 20"W x 20"H

1.11 Mounting Requirements
1. Minimum Opening for Tail Pulley with Yoke: 16" Dia.
2. Minimum Opening for Tail Pulley with Yoke and Retainer: 18" Dia.
3. Minimum Mounting Height: 20"
4. Minimum Mounting Height w/optimal 4' stand:
   A. Channel mount: 66-1/4"
   B. Flat mount: 69-3/8"

1.12 Power Requirements
1. Hard wired per motor and local/national code.

1.13 Optional Mounting Arrangements
1x8 Mounting Stand will support a single 1x8 and a single OC-110 decanter. Stand is 48" high.
Oil Grabber® Model 8²

Standard motors 60 Hz:

1/4 H.P. 1 PH 60 Hz TEFC
1725 RPM 56 C-Face
115/208-230 Volt
5 / 2.6 / 2.5 Amp

or

1/4 H.P. 3 PH 60Hz TEFC
1725 RPM 56 C-Face
208-230/460 Volt
1.4 / 1.3 / .65 Amp

Optional 50Hz motors:

1/2 H.P. 1 PH 50 Hz TEFC
1425 RPM 56 C-Face
110/220 Volt
7.2 / 3.6 Amp

or

1/2 H.P. 3 PH 50 Hz TEFC
1425 RPM 56 C-Face
220/380/440 Volts
2 / 1.2 / 1 Amp

Optional Explosion-Proof Motors 50 & 60 Hz:

1/3 H.P. 1 PH 60 Hz EXP.
1725 RPM 56 C-Face
208-230/460 Volt
1.8 / 1.6 / .8 Amp

1/2 H.P. 3 PH 50 Hz EXP.
1425 RPM 56 C-Face
220/380/440 Volt
2 / 1.2 / 1 Amp

Optional 575 Volt Motors

1/3 H.P. 3 PH 60 Hz TEFC
1725 RPM 56 C-Face
575 Volt
.64 Amp

1/2 H.P. 3 PH 60Hz EXP.
1725 RPM 56 C-Face
575 Volt
.9 Amp

1/2 H.P. 3 PH 60Hz TEFC
1725 RPM 56 C-Face
575 Volt
.8 Amp
MINIMUM REQ'D OPENING FOR TAIL PULLEY ONLY OR TAIL PULLEY WITH YOKE

MINIMUM REQ'D OPENING FOR TAIL PULLEY YOKE & RETAINER
Oil Grabber® Model 4

Quick Summary:
Essentially the same as the Model 8\textsuperscript{2}, the Model 4 and its patented technology will fit into a smaller sump opening with its' 4'' belt. Mounting and discharge using a 4'' or 5'' channel is standard. Other options include: a 4' mounting stand with 5'' channel combination, or a flat mount arrangement with discharge through a 1-1/2'' M.P.T. The Model 4 can accept any standard 56 C-Face motor or metric D63C frame size motor with optional gear reducer.

Highlights:
1. A 4'' continuous belt of corrosion resistant steel or elastomer up to 100 ft in length.
2. Oil discharge is through 1-1/2'' M.P.T. outlet
3. A removable steel mesh guard for visual inspection of drive pulley.
4. Belt removal requires no tools.
5. TEFC motor std. 1PH or 3PH
6. Removes up to 20 gallons of medium weight per hour.
7. Adjustable wiper blade assembly.

Quick Chart:

<table>
<thead>
<tr>
<th>CAP. GAL</th>
<th>MODEL</th>
<th>BELT WIDTH</th>
<th>BELT LENGTH</th>
<th>RPM AMPS</th>
<th>VOLTS Hz</th>
<th>PHASE</th>
<th>RPM AMPS</th>
<th>VOLTS Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>4</td>
<td>4''</td>
<td>Up to 100 ft</td>
<td>1725 RPM 5/2.6/2.5</td>
<td>115/208-23060Hz</td>
<td>1 PH TEFC</td>
<td>1425 RPM 7.2/3.6</td>
<td>110/22050Hz</td>
</tr>
<tr>
<td>20</td>
<td>4</td>
<td>4''</td>
<td>Up to 100 ft</td>
<td>1725 RPM 1.4/1.3/65</td>
<td>208-230/46060Hz</td>
<td>3 PH TEFC</td>
<td>1425 RPM 2/1.2/1</td>
<td>220/380/44050Hz</td>
</tr>
</tbody>
</table>

Note:
Additional motors, including explosion proof, are available per customer specification. See motor spec sheet for complete listing of motors. Always consult the factory for special applications.
**PART 1: GENERAL**

### 1.01 Construction
1. Solid welded carbon steel with a baked on powder coat finish.
   - **A.** Color: RAL5005 or equivalent (Dark Blue).
2. Stainless Steel.

### 1.02 Pulley Types
1. **Drive Pulley (Head Pulley)**
   - **A.** Magnetic drive pulley for metal belt. Two magnet assemblies per cross bar with 8 cross bars per head.
2. **Tail Pulley**
   - **A.** Solid drum type, free floating in belt. With collars for shaft when yoke & chain are required.
   - **B.** High Capacity.

### 1.03 Motor: (one of two motors standard)
- **1/4 H.P. 1 PH 60Hz TEFC**
  - 1725 RPM 56 C-Face
  - 115/208-230 Volt
  - 5 / 2.6 / 2.5 Amps
- **1/4 H.P. 3 PH 60Hz TEFC**
  - 1725 RPM 56 C-Face
  - 208-230/460 Volt
  - 1.4 / 1.3 / .65 Amp

### 1.04 Gear Reducer
1. Standard C-Face
   - **A.** 150:1 double reduction
   - **B.** Oil filled
   - **C.** Bronze gears/ball bearings
   - See separate specification sheet for additional details

### 1.05 Guard
1. Standard enclosed steel housing with a flat steel mesh screen door for access for drive pulley area.

### 1.06 Belt Material and Length
1. Standard Corrosion Resistant Steel Belt.
2. Length as required up to 100'.

### 1.07 Wiper Blades
   - **A.** Front Wiper Assembly - Spring tensioned with single wiper insert.
   - **B.** Rear Wiper Assembly - Stationary wiper holder, single wiper insert.

### 1.08 Oil Discharge Outlet
1. **Standard Channel Mount**
   - **A.** Dual troughs discharging into a single 5" channel to oil collection tank.
2. **Flat Surface Mount Optional**
   - **A.** Dual troughs discharging through a 1-1/2" M.P.T.

### 1.09 Mounting Arrangements
1. **Standard Skimmer Configuration**
   - **A.** 5 x 6.7 (3" channel) x 20' long minimum; also doubles as discharge outlet.
2. **Optional Skimmer Configurations**
   - **A.** Flat Surface Mount with 1-1/2" M.P.T. for piped discharge.
   - **B.** 4 x 7.25 (4" channel) same as 1.09.1, use of 5 x 6.7 preferred.

### 1.10 Weights and Size
1. 62 lbs. skimmer + 20 lbs. motor = 82 lbs/unit
2. Overall size of unit: 24-1/2"L x 18-1/4"W x 21-1/4"H

### 1.11 Mounting Requirements
1. Minimum Opening for Tail Pulley with Yoke and Retainer: 16" Dia.
3. Minimum Mounting Height: 21-1/4"
4. Minimum Mounting Height w/optional 4' stand: 69-1/2"

### 1.12 Power Requirements
1. Per customers motor spec.
2. Hard wired per motor and local/national code.

### 1.13 Optional Mounting Arrangements
1. 1x8 Mounting Stand will support a single 1x4 and a single OC-110 decanter. Stand is 48" high.
Oil Grabber® Model 4

Standard motors 60 Hz:

1/4 H.P. 1 PH 60 Hz TEFC
1725 RPM 56 C-Face
115/208-230 Volt
5 / 2.6 / 2.5 Amp

or

1/4 H.P. 3 PH 60 Hz TEFC
1725 RPM 56 C-Face
208-230/460 Volt
1.4 / 1.3 / .65 Amp

1/3 H.P. 3 PH 60 Hz EXP.
1725 RPM 56 C-Face
208-230/460 Volt
1.8 / 1.6 / .8 Amp

Optional 50Hz motors:

1/2 H.P. 1 PH 50 Hz TEFC
1425 RPM 56 C-Face
110/220 Volt
7.2 / 3.6 Amp

or

1/2 H.P. 3 PH 50 Hz TEFC
1425 RPM 56 C-Face
220/380/440 Volts
2 / 1.2 / 1 Amp

Optional 50 Hz motors:

1/2 H.P. 1 PH 50 Hz EXP.
1425 RPM 56 C-Face
110/220 Volt
7.2 / 3.6 Amp

Optional 575 Volt Motors

1/3 H.P. 3 PH 60 Hz TEFC
1725 RPM 56 C-Face
575 Volt
.64 Amp

or

1/2 H.P. 3 PH 60Hz EXP.
1725 RPM 56 C-Face
575 Volt
.9 Amp

Optional Explosion-Proof Motors 50 & 60 Hz:

1/3 H.P. 1 PH 60 Hz EXP.
1725 RPM 56 C-Face
115/208-230 Volt
6 / 3.2 / 3 Amp

1/2 H.P. 3PH 60Hz TEFC
1725 RPM 56 C-Face
575 Volt
.8 Amp
MODEL 4 OIL SKIMMER

CENTRELINE OF HEAD PULLEY

14.50 (368.3 mm)

BOTTOM OF 5" CHANNEL

BELT LENGTH IS THE MEASURED DISTANCE BETWEEN THE MOUNTING POINT OF THE SKIMMER UNIT TO THE SURFACE OF THE WATER AT ITS LOWEST POINT, THEN 300-247." OR

BELT LENGTH IS THE MEASURED DISTANCE BETWEEN THE CENTRELINE OF THE HEAD PULLEY TO THE CENTRELINE OF THE TAIL PULLEY.

WATER AT ITS LOWEST POINT

CENTRELINE OF TAIL PULLEY

5.75 REF. (146 mm)

ADARAKI CORPORATION

MODEL 4 OIL SKIMMER

BELT LENGTH

LAYOUT DRAWING

Ken Fagan

12/11/98
MINIMUM REG'D OPENING FOR TAIL PULLEY ONLY OR TAIL PULLEY WITH YOKE

MINIMUM REG'D OPENING FOR TAIL PULLEY YOKE & RETAINER
Oil Grabber® Model MB - Multi Belts

Quick Summary:
A heavy duty oil skimmer to solve serious oil contamination problems. Special options available with the Model MB include: all stainless steel construction, infrared heater hood for non-explosive freezing applications and a complete system control box. Applications include: truck washes, heat treating plants, oil refineries and power plants.

Highlights:
1. An 8" continuous belt of corrosion resistant steel or elastomer up to 100 feet center to center.
2. Removable steel mesh guard for visual inspection of drive pulley.
3. TEFC motor.
4. Removes up to 40 gallons of medium weight oil per hour per 8" belt.

Quick Chart:

<table>
<thead>
<tr>
<th>CAP. GAL.</th>
<th>MODEL</th>
<th>BELT WIDTH AREA</th>
<th>BELT LENGTH</th>
<th>RPM AMPS</th>
<th>VOLTS Hz</th>
<th>PHASE</th>
<th>RPM AMPS</th>
<th>VOLTS Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>2 x 8</td>
<td>2 x 8&quot;</td>
<td>Up to 100 ft.</td>
<td>1725 RPM 5/2.6/2.5</td>
<td>115/208-230 60Hz</td>
<td>1 PH TEFC</td>
<td>1425 RPM 7.2/3.6</td>
<td>110/220 50Hz</td>
</tr>
<tr>
<td>80</td>
<td>2 x 8</td>
<td>2 x 8&quot;</td>
<td>Up to 100 ft.</td>
<td>1725 RPM 1.4/1.3/65</td>
<td>208-230/460 60Hz</td>
<td>3 PH TEFC</td>
<td>1425 RPM 2/1.2/1</td>
<td>220/380/440 50Hz</td>
</tr>
<tr>
<td>120</td>
<td>3 x 8</td>
<td>3 x 8&quot;</td>
<td>Up to 100 ft.</td>
<td>1725 RPM 5/2.6/2.5</td>
<td>115/208-230 60Hz</td>
<td>1 PH TEFC</td>
<td>1425 RPM 7.2/3.6</td>
<td>110/220 50Hz</td>
</tr>
<tr>
<td>120</td>
<td>3 x 8</td>
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<td>Up to 100 ft.</td>
<td>1725 RPM 1.4/1.3/65</td>
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<tr>
<td>200</td>
<td>5 x 8</td>
<td>5 x 8&quot;</td>
<td>Up to 100 ft.</td>
<td>1725 RPM 5/2.6/2.5</td>
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<td>3 PH TEFC</td>
<td>1425 RPM 2/1.2/1</td>
<td>220/380/440 50Hz</td>
</tr>
</tbody>
</table>

Note:
Additional motors, including explosion proof, are available per customer specification. See motor spec sheet for complete listing of motors. Always consult the factory for special applications.
PART 1: GENERAL

1.01 Construction
1. Solid welded carbon steel with a baked on powder coat finish.
   A. Color: RAL5005 or equivalent (Dark Blue).
2. Stainless Steel.

1.02 Pulley Types
1. Drive Pulley (Head Pulley)
   A. Magnetic drive pulley for metal belt. Two magnet assemblies per cross bar with 8 cross bars per head.
2. Tail Pulley
   A. Solid drum type, free floating in belt.
   B. Collars for shaft when used with yoke, chain & retainer.
   C. High Capacity.

1.03 Motor: (one of two motors standard)
1/4 H.P. 1 PH 60Hz TEFC
1725 RPM 56 C-Face
115/208-230 Volt
5/2.6/2.5 Amps
or
1/4 H.P. 3 PH 60Hz TEFC
1725 RPM 56 C-Face
208-230/460 Volt
1.4 1.3 0.65 Amp

1.04 Gear Reducer
1. Standard C-Face
   A. 150:1 double reduction
   B. Oil filled
   C. Bronze gears/ball bearings

1.05 Guard
1. Standard flat steel mesh screen over drive pulley area.

1.06 Belt Material and Length
1. Standard Corrosion Resistant Steel Belt.
2. Length as required up to 100'.

1.07 Wiper Blades
   A. Front Wiper Assembly - Spring tensioned with single wiper insert.
   B. Rear Wiper Assembly - Stationary wiper holder, single wiper insert.

1.08 Oil Discharge Outlet
1. Standard Channel Mount
   A. Dual troughs discharging into a single 5" channel to oil collection tank.

1.09 Mounting Arrangements
1. Standard Skimmer Configuration
   A. 5 x 6.7 (5" channel) x 20" long minimum; also doubles as discharge outlet.

1.10 Weights and Size
1. 74 lbs. skimmer + 20 lbs. motor = 94 lbs/unit
2. Overall size of unit: 38"L x 16-1/2"W x 21-1/4"H
3. Tail Pulley: 10 lbs. each

1.11 Mounting Requirements
1. Sump Opening size for Tail Pulleys with Yokes: 12" x 24"
2. Sump Opening size for Tail Pulleys with Yokes and Retainers: 14" x 24"
3. Minimum Mounting Height: 20"
4. Minimum Mounting Height w/optimal stand: 66-3/8"

1.12 Power Requirements
1. Hard wired per motor and local/national code.

1.13 Optional Mounting Arrangements
1. 2x8 Mounting Stand will support up to a single 3x8 skimmer and up to a single OC-200 decanter with pivot mount.
# ABANAKI

## Model MB 3 x 8

### SKIMMER SPECIFICATION SHEET

**PART 1: GENERAL**

1. **Construction**
   - Solid welded carbon steel with a baked on powder coat finish.
     - Color: RAL5005 or equivalent (Dark Blue).
   - Stainless Steel.

2. **Motor:** *(one of two motors standard)*
   - 1/4 H.P. 1 PH 60Hz TEFC
     - 1725 RPM 56 C-Face
     - 115/208-230 Volt
     - 5 / 2.6 / 2.5 Amps
   - or
   - 1/4 H.P. 3 PH 60Hz TEFC
     - 1725 RPM 56 C-Face
     - 208-230/460 Volt
     - 1.4 / 1.3 / .65 Amp

3. **Gear Reducer**
   - Standard C-Face
     - 150:1 double reduction
     - Oil filled
     - Bronze gears/ball bearings

4. **Guard**
   - Standard flat steel mesh screen over drive pulley area.

5. **Belt Material and Length**
   - Standard Corrosion Resistant Steel Belt.
   - Length as required up to 100'.

6. **Wiper Blades**
   - Standard Material: Nitrile.
     - Front Wiper Assembly - Spring tensioned with single wiper insert.
     - Rear Wiper Assembly - Stationary wiper holder, single wiper insert.

7. **Oil Discharge Outlet**
   - Standard Channel Mount
     - Dual troughs discharging into a single 5" channel to oil collection tank.

8. **Mounting Arrangements**
   - Standard Skimmer Configuration
     - 5 x 6.7 (5" channel) x 20" long minimum; also doubles as discharge outlet.

9. **Weights and Size**
   - 86 lbs. skimmer + 20 lbs. motor = 106 lbs/unit
   - Overall size of unit: 42-1/2"L x 16-1/2"W x 20"H
   - Tail Pulley: 10 lbs. each

10. **Mounting Requirements**
    - Sump Opening size for Tail Pulleys with Yokes: 12" x 36"
    - Sump Opening size for Tail Pulleys with Yokes and Retainers: 14" x 36"
    - Minimum Mounting Height: 20"
    - Minimum Mounting Height w/optional stand: 66-3/8"

11. **Power Requirements**
    - Hard wired per motor and local/national code.

12. **Optional Mounting Arrangements**
    - 2x8 Mounting Stand will support up to a single 3x8 skimmer and up to a single OC-200 decanter with pivot mount.

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Phone: 1-800-358-SKIM  Fax: (440) 543-7404
www.abanaki.com

Spec:0304043-3
ABANAKI

Model MB 5 x 8

SKIMMER SPECIFICATION SHEET

PART 1: GENERAL

1.01 Construction
1. Solid welded carbon steel with a baked on powder coat finish.
   A. Color: RAL5005 or equivalent (Dark Blue).
2. Stainless Steel.

1.02 Pulley Types
1. Drive Pulley (Head Pulley)
   A. Magnetic drive pulley for metal belt. Two magnet assemblies per cross bar with 8 cross bars per head.
2. Tail Pulley
   A. Solid drum type, free floating in belt.
   B. Collars for shaft when used with yoke, chain & retainer.
   C. High Capacity.

1.03 Motor: (one of two motors standard)
1/4 H.P. 1 PH 60Hz TEFC
   1725 RPM 56 C-Face
   115/208-230 Volt
   5 / 2.6 / 2.5 Amps
   or
1/4 H.P. 3 PH 60Hz TEFC
   1725 RPM 56 C-Face
   208-230/460 Volt
   1.4 / 1.3 / .65 Amp

1.04 Gear Reducer
1. Standard C-Face
   A. 150:1 double reduction
   B. Oil filled
   C. Bronze gears/ball bearings

1.05 Guard
1. Standard flat steel mesh screen over drive pulley area.

1.06 Belt Material and Length
1. Standard Corrosion Resistant Steel
2. Length as required up to 100'.

1.07 Wiper Blades
   A. Front Wiper Assembly - Spring tensioned with single wiper insert.
   B. Rear Wiper Assembly - Stationary wiper holder, single wiper insert.

1.08 Oil Discharge Outlet
1. Standard Channel Mount
   A. Dual troughs discharging into a single 5" square tube to oil collection tank.

1.09 Mounting Arrangements
1. Standard Skimmer Configuration
   A. 5" structural square tube 12ga. mount also doubles as discharge outlet.

1.10 Weights and Size
1. 110 lbs. skimmer + 20 lbs. motor = 130 lbs/unit
2. Overall size of unit: 70-1/2"L x 18"W x 26-1/2"H
3. Tail Pulley: 10 lbs. each

1.11 Mounting Requirements
1. Sump Opening size for Tail Pulleys with Yokes: 12" x 60"
2. Sump Opening size for Tail Pulleys with Yokes and Retainers: 14" x 60"
3. Minimum Mounting Height: 20"
4. Minimum Mounting Height w/optional stand: Per-customer

1.12 Power Requirements
1. Hard wired per motor and local/national code.

1.13 Optional Mounting Arrangements
1. per customer.
## Electric Motor List

**OIL GRABBER® MODEL: MULTI BELTS**

### Standard motors 60 Hz:

<table>
<thead>
<tr>
<th>Horsepower</th>
<th>Phase</th>
<th>Frequency</th>
<th>RPM</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4 H.P.</td>
<td>1 PH</td>
<td>60 Hz</td>
<td>1725</td>
<td>115/208-230 Volt</td>
<td>5 / 2.6 / 2.5 Amp</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/4 H.P.</td>
<td>3 PH</td>
<td>60 Hz</td>
<td>1725</td>
<td>208-230/460 Volt</td>
<td>1.4 / 1.3 / .65 Amp</td>
</tr>
</tbody>
</table>

### Optional 50 Hz motors:

<table>
<thead>
<tr>
<th>Horsepower</th>
<th>Phase</th>
<th>Frequency</th>
<th>RPM</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2 H.P.</td>
<td>1 PH</td>
<td>50 Hz</td>
<td>1425</td>
<td>110/220 Volt</td>
<td>7.2 / 3.6 Amp</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/2 H.P.</td>
<td>3 PH</td>
<td>50 Hz</td>
<td>1425</td>
<td>220/380/440 Volts</td>
<td>2 / 1.2 / 1 Amp</td>
</tr>
</tbody>
</table>

### Optional Explosion-Proof Motors 50 & 60 Hz:

<table>
<thead>
<tr>
<th>Horsepower</th>
<th>Phase</th>
<th>Frequency</th>
<th>RPM</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3 H.P.</td>
<td>1 PH</td>
<td>60 Hz</td>
<td>1725</td>
<td>115/208-230 Volt</td>
<td>6 / 3.2 / 3 Amp</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Optional 575 Volt Motors

<table>
<thead>
<tr>
<th>Horsepower</th>
<th>Phase</th>
<th>Frequency</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3 H.P.</td>
<td>3 PH</td>
<td>60 Hz</td>
<td>575 Volt</td>
<td>.64 Amp</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/2 H.P.</td>
<td>3 PH</td>
<td>60 Hz</td>
<td>575 Volt</td>
<td>.9 Amp</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Horsepower</th>
<th>Phase</th>
<th>Frequency</th>
<th>Voltage</th>
<th>Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2 H.P.</td>
<td>3 PH</td>
<td>60 Hz</td>
<td>575 Volt</td>
<td>.8 Amp</td>
</tr>
</tbody>
</table>
Model: MR338 Oil Skimmer

- Head Pulley Centerline
- Gear Reducer
- Motor Centerline
- Motor
- Outside Oil Discharge Throat
- Removable Screen Guard
- 5" Channel
- Supplied by Customer

Dimensions:
- 1.75 [4.45cm]
- 16.20 [41.14cm]
- 43.34 [110.09cm]
- 34.88 [88.58cm]
- 1.32 [3.35cm]
- 9.51 [24.41cm]
- 16.41 [41.69cm]
- 20.06 [50.95cm]
- 17.54 [44.59cm]
- 1.69 [4.29cm]
- 4.55 [11.56cm]
- 3.75 [9.53cm]
- 8.97 [22.75cm]
- 34.24 [86.97cm]
- 12.50 [31.75cm]
- 1.50 [3.81cm]

Weight:
- MR338 Oil Skimmer
- Not Including Belts
- Belt: Skimmer = 80LBS, Motor = 100LBS
- 3 Tail Pulleys = 3X85LBS

Adanaki Corporation

Overall Drawing

Note: Dimensions are in millimeters (mm) and inches (in).
Tote-It® Portable Oil Skimmer: 1", 2", 4"

Quick Summary:
A small rugged portable oil skimmer with a wide range of applications. The Tote-It is an industrial oil skimmer designed for years of continuous operation. The Tote-It features: high oil removal capacity; dual wiper blade system; stabilizer bar; and a steel guard cover over the drive pulley. The Tote-It is currently found in such locations as parts washers, machine shops, assembly plants, automobile garages or any site that a unit can be carried to and plugged in. The Tote-It with 1, 2 and 4-inch belt sizes allows for a variety of application possibilities.

Highlights:
1. A 1, 2 or 4" continuous belt of corrosion resistant steel or elastomer.
2. Oil discharge is through a 1-1/4" N.P.T. coupling.
3. 8 foot grounded power cord w/plug.
5. Removes up to 12 gallons of oil per hour.

Quick Chart:

<table>
<thead>
<tr>
<th>CAP. GAL</th>
<th>MODEL</th>
<th>BELT WIDTH</th>
<th>BELT LENGTH</th>
<th>RPM</th>
<th>VOLTS</th>
<th>PHASE</th>
<th>VOLTS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>1'-6&quot; to 5'-0&quot;</td>
<td>12 RPM</td>
<td>115</td>
<td>60Hz</td>
<td>115/230v</td>
</tr>
<tr>
<td>3</td>
<td>TI-01</td>
<td>1&quot;</td>
<td></td>
<td>1.4</td>
<td></td>
<td>1PH TEFC</td>
<td>110/220v</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>115/230v</td>
<td>50/60Hz</td>
</tr>
<tr>
<td>6</td>
<td>TI-02</td>
<td>2&quot;</td>
<td></td>
<td>12 RPM</td>
<td>115</td>
<td>60Hz</td>
<td>115/230v</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1.4</td>
<td></td>
<td>1PH TEFC</td>
<td>110/220v</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>115/230v</td>
<td>50/60Hz</td>
</tr>
<tr>
<td>12</td>
<td>TI-04</td>
<td>4&quot;</td>
<td></td>
<td>12 RPM</td>
<td>115</td>
<td>60Hz</td>
<td>115/230v</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1.4</td>
<td></td>
<td>1PH TEFC</td>
<td>110/220v</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>115/230v</td>
<td>50/60Hz</td>
</tr>
</tbody>
</table>

Note:
Additional motors, including explosion proof, are available per customer specification. See motor spec sheet for complete listing of motors. Always consult the factory for special applications.
PART 1: GENERAL

1.01 Construction
1. Solid welded carbon steel with a baked on powder coat finish.
2. Color: RAL5005 or equivalent (Dark Blue).

1.02 Pulley Types
1. Drive Pulley (Head Pulley)
   A. Magnetic drive pulley for metal belt. One magnet assembly per cross bar, with 8 cross bars per unit.
2. Tail Pulley (Solid drum type)
   A. With hub for elastomer belt.
   B. Without hub for metal belt.

1.03 Motor
1. 115 Volt, 60Hz. @ 12 RPM 1.4 Amp shaded pole gear motor, TEFC U.L. and C.S.A. approved.

1.04 Guard
1. Standard steel drive pulley area cover, bolt in place.

1.05 Belt Material and Length
1. Standard Corrosion Resistant Steel Belt.
2. Length 1'-6" to 5'-0" center-center

1.06 Wiper Blades
   A. Adjustable wiper: outboard screw type for tensioning, with single wiper insert.
   B. Fixed: inboard to center belt, with single wiper insert.

1.07 Oil Discharge Outlet
1. Dual troughs discharging into a single 1-1/4" N.P.T. coupling.

1.08 Standard Mounting Arrangement
1. Two 7/16" clearance holes for mounting on flat surface.

1.09 Weight and Size
1. Weight of unit with gear motor is 22 lbs. for 1" unit.
2. Overall size of unit: 12-7/8"L x 7-3/4"W x 12"H

1.10 Mounting Requirements
1. Sump Opening size for Tail Pulley: 4-1/2" x 5"
   w/stablizer bar.
2. Minimum Mounting Height: 12"

1.11 Power Requirements
1. 3 - prong grounded 110 volt outlet. Unit comes with 8' cord.

1.12 Optional Mounting Arrangements
1. Tote-It storage stand, for storing skimmer while not in use.
2. Universal Mounting Stand: 48" tall, for mounting Tote-It skimmer and ODM-100 decanter.
3. Tote-It drum mount, for operating skimmer and one ODM-100 decanter on a 55 gallon drum.
PART 1: GENERAL

1.01 Construction
1. Solid welded carbon steel with a baked on powder coat finish.
2. Color: RAL5005 or equivalent (Dark Blue).

1.02 Pulley Types
1. Drive Pulley (Head Pulley)
   A. Magnetic drive pulley for metal belt. One magnet assembly per cross bar with 8 cross bars per unit.
2. Tail Pulley (Solid drum type)
   A. With hub for elastomer belt.
   B. Without hub for metal belt.

1.03 Motor
1. 115 Volt, 60Hz. @ 12 RPM 1.4 Amp shaded pole gear motor, TEFC U.L. and C.S.A. approved.

1.04 Guard
1. Standard steel drive pulley area cover, bolt in place.

1.05 Belt Material and Length
1. Standard Corrosion Resistant Steel Belt.
2. Length 1'-6" to 5'-0" center-center

1.06 Wiper Blades
   A. Adjustable wiper: outboard screw type for tensioning, with single wiper insert.
   B. Fixed: inboard to center belt, with single wiper insert.

1.07 Oil Discharge Outlet
1. Dual troughs discharging into a single 1-1/4" N.P.T. coupling.

1.08 Standard Mounting Arrangement
1. Two 7/16" clearance holes for mounting on flat surface.

1.09 Weight and Size
1. Weight of unit with gear motor is 34 lbs. for 2" unit.
2. Overall size of unit: 12-7/8"L x 7-3/4"W x 12"H

1.10 Mounting Requirements
1. Sump Opening size for Tail Pulley: 4-1/2" x 5" w/stabilizer bar.
2. Minimum Mounting Height: 12"

1.11 Power Requirements
1. 3 - prong grounded 110 volt outlet. Unit comes with 8' cord.

1.12 Optional Mounting Arrangements
1. Tote-It storage stand, for storing skimmer while not in use.
2. Universal Mounting Stand: 48" tall, for mounting Tote-It skimmer and ODM-100 decanter.
3. Tote-It drum mount, for operating skimmer and one ODM-100 decanter on a 55 gallon drum.
**PART 1: GENERAL**

**1.01 Construction**
1. Solid welded carbon steel with a baked on powder coat finish.
2. Color: RAL5005 or equivalent (Dark Blue).

**1.02 Pulley Types**
1. Drive Pulley (Head Pulley)
   A. Magnetic drive pulley for metal belt. Two magnet assemblies per cross bar with 8 cross bars per unit.
2. Tail Pulley (Solid drum type)
   A. With hub for elastomer belt.
   B. Without hub for metal belt.

**1.03 Motor**
1. 115 Volt, 60Hz. @ 12 RPM 1.4 Amp shaded pole gear motor, TEFC U.L. and C.S.A. approved.

**1.04 Guard**
1. Standard steel drive pulley area cover, bolt in place.

**1.05 Belt Material and Length**
1. Standard Corrosion Resistant Steel Belt.
2. Length 1'-6" to 5'-0" center-center.

**1.06 Wiper Blades**
   A. Adjustable wiper: outboard screw type for tensioning, with single wiper insert.
   B. Fixed: inboard to center belt, with single wiper insert.

**1.07 Oil Discharge Outlet**
1. Dual troughs discharging into a single 1-1/4" N.P.T. coupling.

**1.08 Standard Mounting Arrangement**
1. Two 7/16" clearance holes for mounting on flat surface.

**1.09 Weight and Size**
1. Weight of unit with gear motor is 34 lbs. for 4" unit.
2. Overall size of unit: 14-7/8"L x 7-3/4"W x 12"H

**1.10 Mounting Requirements**
1. Sump Opening size for Tail Pulley: 5" x 7" w/stabilizer bar.
2. Minimum Mounting Height: 12"

**1.11 Power Requirements**
1. 3-prong grounded 110 volt outlet. Unit comes with 8' cord.

**1.12 Optional Mounting Arrangements**
1. Tote-It storage stand, for storing skimmer while not in use.
2. Universal Mounting Stand: 48" tall, for mounting Tote-It skimmer and OC-110 decanter.
3. Tote-It drum mount, for operating skimmer and one OC-110 decanter on a 55 gallon drum.
### ABANAKI Electric Motor List

**Tote-It® Portables: 1", 2", 4" Units**

**Standard gearmotor 60 Hz:**

<table>
<thead>
<tr>
<th>Power</th>
<th>Phase</th>
<th>RPM</th>
<th>Volts</th>
<th>Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/20 H.P.</td>
<td>1 PH</td>
<td>12</td>
<td>115</td>
<td>1.4</td>
</tr>
</tbody>
</table>

**Optional 50Hz gearmotor:**

<table>
<thead>
<tr>
<th>Power</th>
<th>Phase</th>
<th>RPM</th>
<th>Volts</th>
<th>Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/15 H.P.</td>
<td>1 PH</td>
<td>15/12.5</td>
<td>115/230v, 110/220v</td>
<td>1.3/.65 - 1.2/.61</td>
</tr>
</tbody>
</table>

**Optional Explosion-Proof Motors 50 & 60 Hz:**

*Note: These are 56 C-Face motors*

<table>
<thead>
<tr>
<th>Power</th>
<th>Phase</th>
<th>RPM</th>
<th>Volts</th>
<th>Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3 H.P.</td>
<td>1 PH</td>
<td>1725</td>
<td>115/208-230</td>
<td>6 / 3.2 / 3</td>
</tr>
<tr>
<td>1/2 H.P.</td>
<td>3 PH</td>
<td>1725</td>
<td>575 Volt</td>
<td>.64</td>
</tr>
</tbody>
</table>

**Optional 575 Volt Motors**

<table>
<thead>
<tr>
<th>Power</th>
<th>Phase</th>
<th>RPM</th>
<th>Volts</th>
<th>Amps</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3 H.P.</td>
<td>3 PH</td>
<td>1725</td>
<td>575 Volt</td>
<td>.64</td>
</tr>
<tr>
<td>1/2 H.P.</td>
<td>3 PH</td>
<td>1725</td>
<td>575 Volt</td>
<td>.9</td>
</tr>
<tr>
<td>1/2 H.P.</td>
<td>3 PH</td>
<td>1725</td>
<td>575 Volt</td>
<td>.8</td>
</tr>
</tbody>
</table>
BELT LENGTH IS THE MEASURED DISTANCE BETWEEN THE MOUNTING SURFACE OF THE SKIMMER TO THE SURFACE OF THE WATER AT ITS LOWEST POINT, THEN ADD 12".


MOUNTING SURFACE

7.00
(177.8mm)

WATER AT ITS LOWEST POINT

TAIL PULLEY

2.12
(53.8mm)

HEAD PULLEY

PORTABLE OIL SKIMMER

TOTE-T
//16" x .75 SLOT THRU
2 PIECES

MOUNTING FOOTPRINT
3.00 (7.6cm)

1.625 (4cm)
4.250 (10.8cm)

50/60Hz MOTOR
7.00 (18cm)

3.25 (8cm)

REMOVABLE GUARD

7.75 (20cm)

11.94 (30cm)
7.000 (18cm)

MOUNTING SURFACE

10.86 (27cm)

HEAD PULLEY
14.94 APPROX (38CM)

Belt Length
28.56 (72)

2" WIDE CONTINUOUS BELT

2.88 (7CM)

TAIL PULLEY

4.19 (11CM)

2.09 (5CM)

3.75 (9CM)

7.50 (19CM)

7.50 (19CM)

3.00 (7.6CM)

STEEL BELT SHOWN POLY BELT

4.56 (12CM)

4.81 (12CM)
1", 2" OR 4" TOTE-IT

MOUNTING BOLTS
3/8-16 x 2.50" LG.
3/8-16 NUT
2 EACH

DRUM MOUNT BRACKET

STANDARD DRUM
**PetroXtractor**® Well Oil Skimmer: 1", 2", 4" Belts

**Quick Summary:**
For oil removal applications requiring access through a 2", 4" or 6" well casing, the PetroXtractor offers a versatile solution. Capable of skimming hydrocarbon contaminants from your well, the PetroXtractor can be configured for both a permanent or portable skimming system. With many available mounting arrangements, the PetroXtractor can be mounted nearly anywhere as a complete system or as a stand alone unit. For remote locations or special demands, alternative power requirements and shelters are available. Also available, the PetroXtractor can be mounted underground in a manway, or above ground in a vapor tight enclosure.

**Highlights:**
1. The 1", 2" or 4" continuous belt is available in center to center lengths of up to 110 feet.
2. Oil discharge is through a 1-1/4" N.P.T. coupling.
3. Weighted P.V.C. tail pulley is designed to retain belt.
5. A special non-abrasive, non-impact drive system, which adds to belt life.

**Quick Chart:**

<table>
<thead>
<tr>
<th>CAP. GAL.</th>
<th>MODEL</th>
<th>BELT WIDTH</th>
<th>BELT LENGTH</th>
<th>RPM</th>
<th>VOLTS</th>
<th>PHASE</th>
<th>AIR MOTOR</th>
<th>D.C. MOTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>PX-A</td>
<td>1&quot;</td>
<td>Up to 100 ft.</td>
<td>30 RPM 1.4A</td>
<td>115/60Hz</td>
<td>1 PH</td>
<td>OPT.</td>
<td>OPT.</td>
</tr>
<tr>
<td>6</td>
<td>PX-B</td>
<td>2&quot;</td>
<td>Up to 100 ft.</td>
<td>30 RPM 1.4A</td>
<td>115/60Hz</td>
<td>1 PH</td>
<td>OPT.</td>
<td>OPT.</td>
</tr>
<tr>
<td>12</td>
<td>PX-C</td>
<td>4&quot;</td>
<td>Up to 100 ft.</td>
<td>30 RPM 1.4A</td>
<td>115/60Hz</td>
<td>1 PH</td>
<td>OPT.</td>
<td>OPT.</td>
</tr>
</tbody>
</table>

**Notes:**
1. Motors: Additional motors, including explosion proof, are available per customer specification. See motor spec sheet for complete listing of motors.
2. Any listed motor may be used with adapter to gear reducer.
3. Gear Reducers: Various ratios are available upon request, per customer specification. Consult factory for more information.
4. Variable speed control: If air is available, it is the most practical & cost efficient. Variable speed electric's can be furnished, but can be cost prohibitive.
5. Always consult the factory for special applications.
PART 1: GENERAL

1.01 Construction
1. Solid welded carbon steel with a baked on powder coat finish. (except as specified below)
2. Color: RAL5005 or equivalent (Dark Blue).
3. Optional: 316 Stainless Steel

1.02 Pulley Types
1. Drive Pulley (Head Pulley)
   A. Head Pulley with nitrile lagging.
   B. Additional traction wheel with viton band.
2. Tail Pulley
   A. P.V.C. housing and pulley; cage type housing with weight per application.

1.03 Motor
1. 1/20H.P. 115 Volt, 60Hz. @ 30 RPM 1.4 Amp shaded pole gear motor, TEFC U.L. and C.S.A. approved.

1.04 Guard
1. Standard steel drive pulley area cover, bolt in place.

1.05 Belt Material and Length
2. Length: As required up to 110'.

1.06 Wiper Blades
   A. Adjustable wiper: screw type for tensioning, with single wiper insert.
   B. Fixed: in place to center belt, with single wiper insert.

1.07 Oil Discharge Outlet
1. Dual troughs discharging into a single 1-1/4'' N.P.T. coupling.

1.08 Standard Mounting Arrangement
1. Two 7/16'' clearance holes for mounting on flat surface.

1.09 Weight and Size
1. Weight of unit with gear motor is 34 lbs. for 1'' unit.
2. Overall size of unit: 11-3/8''L x 7-3/4''W x 12''H

1.10 Mounting Requirements
1. Pipe opening size for Tail Pulley: 2'' well casing minimum.
2. Minimum Mounting Height: 12'' from base to top of skimmer.

1.11 Power Requirements
1. 3 - prong grounded outlet. Unit comes with 8' cord for standard motor configuration.
2. Optional motors, e.g. explosion proof, are to be hard wired.

1.12 Optional Mounting Arrangements
1. PetroXtractor Stand: 48'' tall, for mounting any skimmer, OC-110 Concentrator, and other optional equipment.
2. Drum mount, for operating skimmer and one OC-110 Concentrator on a 55 gallon drum.
3. Below grade mounting in manway.
4. Vapor Tight Enclosure well skimmer system.
PART 1: GENERAL

1.01 Construction
1. Solid welded carbon steel with a baked on powder coat finish. (except as specified below)
2. Color: RAL5005 or equivalent (Dark Blue).
3. Optional: 316 Stainless Steel

1.02 Pulley Types
1. Drive Pulley (Head Pulley)
   A. Head Pulley with nitrile lagging.
   B. Additional traction wheel with viton band.
2. Tail Pulley
   A. P.V.C. housing and pulley; cage type housing with weight per application.

1.03 Motor
1. 1/20 H.P. 115 Volt, 60Hz. @ 30 RPM 1.4 Amp shaded pole gear motor, TEFC U.L. and C.S.A. approved.

1.04 Guard
1. Standard steel drive pulley area cover, bolt in place.

1.05 Belt Material and Length
2. Length: As required up to 110'.

1.06 Wiper Blades
   A. Adjustable wiper: screw type for tensioning, with single wiper insert.
   B. Fixed: in place to center belt, with single wiper insert.

1.07 Oil Discharge Outlet
1. Dual troughs discharging into a single 1-1/4" N.P.T. coupling.

1.08 Standard Mounting Arrangement
1. Two 7/16" clearance holes for mounting on flat surface.

1.09 Weight and Size
1. Weight of unit with gear motor is 34 lbs. for 2" unit.
2. Overall size of unit: 12-3/8"L x 7-3/4"W x 12"H

1.10 Mounting Requirements
1. Pipe opening size for Tail Pulley: 4" well casing - minimum.
2. Minimum Mounting Height: 12" from base to top of skimmer.

1.11 Power Requirements
1. 3 - prong grounded outlet. Unit comes with 8' cord for standard motor configuration.
2. Optional motors, e.g. explosion proof, are to be hard wired.

1.12 Optional Mounting Arrangements
1. PetroXtractor Stand: 48" tall, for mounting any skimmer, OC-110 Concentrator, and other optional equipment.
2. Drum mount, for operating skimmer and one OC-110 Concentrator on a 55 gallon drum.
3. Below grade mounting in manway.
4. Vapor Tight Enclosure well skimmer system.
**PART 1: GENERAL**

1.01 Construction
- Solid welded carbon steel with a baked on powder coat finish. (except as specified below)
- Color: RAL5005 or equivalent (Dark Blue).
- Optional: 316 Stainless Steel

1.02 Pulley Types
- Drive Pulley (Head Pulley)
  - Head Pulley with nitrile lagging.
  - Additional traction wheel with viton band.
- Tail Pulley
  - P.V.C. housing and pulley; cage type housing with weight per application.

1.03 Motor
- 1/20 H.P. 115 Volt, 60Hz. @ 30 RPM 1.4 Amp shaded pole gear motor, TEFC U.L. and C.S.A. approved.

1.04 Guard
- Standard steel drive pulley area cover, bolt in place.

1.05 Belt Material and Length
- Standard Material (4" wide): choice of LFO "Fuzzy" or Poly.
- Length: As required up to 110'.

1.06 Wiper Blades
- Standard Material: Hybrid.
  - Adjustable wiper: screw type for tensioning, with single wiper insert.
  - Fixed: in place to center belt, with single wiper insert.

1.07 Oil Discharge Outlet
- Dual troughs discharging into a single 1-1/4" N.P.T. coupling.

1.08 Standard Mounting Arrangement
- Two 7/16" clearance holes for mounting on flat surface.

1.09 Weight and Size
- Weight of unit with gear motor is 36 lbs. for 4" unit.
- Overall size of unit: 14-3/8"L x 7-3/4"W x 12"H

1.10 Mounting Requirements
- Pipe opening size for Tail Pulley: 6" well casing - minimum.
- Minimum Mounting Height: 12" from base to top of skimmer.

1.11 Power Requirements
- 3-prong grounded outlet. Unit comes with 8' cord for standard motor configuration.
- Optional motors, e.g. explosion proof, are to be hard wired.

1.12 Optional Mounting Arrangements
- PetroXtractor Stand: 48" tall, for mounting any skimmer, OC-110 Concentrator, and other optional equipment.
- Drum mount, for operating skimmer and one OC-110 Concentrator on a 55 gallon drum.
- Below grade mounting in manway.
- Vapor Tight Enclosure well skimmer system.
**ABANAKI**

*Electric Motor List*

**PetroXtractor®: 1", 2", 4" Belt Units**

<table>
<thead>
<tr>
<th>Standard gear motor 60 Hz:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1/20 H.P. 1 PH 60 Hz TEFC</td>
<td></td>
</tr>
<tr>
<td>30 RPM</td>
<td></td>
</tr>
<tr>
<td>115 Volt</td>
<td></td>
</tr>
<tr>
<td>1.4 Amp</td>
<td></td>
</tr>
</tbody>
</table>

**Optional 50Hz gear motor:**

<table>
<thead>
<tr>
<th>1/15 H.P. 1 PH 60/50 Hz TEFC</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>15/12.5 RPM</td>
<td></td>
</tr>
<tr>
<td>115/230 - 110/220 Volt</td>
<td></td>
</tr>
<tr>
<td>1.3/.65 - 1.2/.61 Amp</td>
<td></td>
</tr>
</tbody>
</table>

**Optional Explosion-Proof Motors 50 & 60 Hz:**

*Note: These are 56 C-Face motors*

<table>
<thead>
<tr>
<th>1/3 H.P. 1 PH 60 Hz EXP.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1725 RPM 56 C-Face</td>
<td></td>
</tr>
<tr>
<td>115/208-230 Volt</td>
<td></td>
</tr>
<tr>
<td>6 / 3.2 / 3 Amp</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1/3 H.P. 3 PH 60 Hz EXP.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1725 RPM 56 C-Face</td>
<td></td>
</tr>
<tr>
<td>208-230/460 Volt</td>
<td></td>
</tr>
<tr>
<td>1.8 / 1.6 / .8 Amp</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1/2 H.P. 3 PH 50 Hz EXP.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1425 RPM 56 C-Face</td>
<td></td>
</tr>
<tr>
<td>220/380/440 Volt</td>
<td></td>
</tr>
<tr>
<td>2 / 1.2 / 1 Amp</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1/2 H.P. 1 PH 50 Hz EXP.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1425 RPM 56 C-Face</td>
<td></td>
</tr>
<tr>
<td>110/220 Volt</td>
<td></td>
</tr>
<tr>
<td>7.2 / 3.6 Amp</td>
<td></td>
</tr>
</tbody>
</table>

**Optional 575 Volt Motors**

<table>
<thead>
<tr>
<th>1/3 H.P. 3 PH 60 Hz TEFC</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1725 RPM 56 C-Face</td>
<td></td>
</tr>
<tr>
<td>575 Volt</td>
<td></td>
</tr>
<tr>
<td>.64 Amp</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1/2 H.P. 3 PH 60Hz EXP.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1725 RPM 56 C-Face</td>
<td></td>
</tr>
<tr>
<td>575 Volt</td>
<td></td>
</tr>
<tr>
<td>.9 Amp</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1/2 H.P. 3PH 60Hz TEFC</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1725 RPM 56 C-Face</td>
<td></td>
</tr>
<tr>
<td>575 Volt</td>
<td></td>
</tr>
<tr>
<td>.8 Amp</td>
<td></td>
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</tbody>
</table>

- Gear Reducers: Various ratios are available upon request, per customer specification. Consult factory for more information. Some of the available ratios are 50:1, 75:1, 150:1, 300:1.
BELT LENGTH IS THE MEASURED DISTANCE BETWEEN THE MOUNTING SURFACE OF THE SKIMMER TO THE SURFACE OF THE WATER AT ITS LOWEST POINT, THEN ADD 12".


5.00 (127mm) MODEL PX-A
6.00 (152.4mm) MODEL PX-B
4.00 (101.6mm) MODEL PX-C

MOUNTING SURFACE
7.00 (177.8mm)

WATER AT ITS LOWEST POINT

TAIL PULLEY

TAIL PULLEY WEIGHT

HEAD PULLEY

PETROXTRACTOR
PORTABLE OIL SKIMMER
MODEL PX-A (1")
MODEL PX-B (2")
MODEL PX-C (4")
NOTES:
1. SKIMMER MOTOR 110 VOLT
   1PH, 60HZ, 1.4 AMP
2. PUMP DISCHARGE PIPE TO STORAGE TANK
   SHOULD BE 1-1/4" FURNISHED BY CUSTOMER
3. REF. DRAWING #WELL-004 FOR TANK DETAIL
4. REF. DRAWING #PM-25 FOR FLAT MOUNT MOUNTING PLATE
   FOR MOUNTING SKIMMER TO TANK

FLOAT SWITCH

1" DRAIN

8 GAL. OIL RESERVOIR

2" WELL CASING (PX-A)

4" WELL CASING (PX-B)

6" WELL CASING (PX-C)

ABANISKI CORPORATION

ROTONDRA WELL UNITS
PETROTRACTOR 1", 2", & 4"
OVERALL DRAWING

1/4" SCALE DRAWING

1971-007

BRITISH COLUMBIA, CANADA

PART OF THIS DRAWING IS CLEARLY MARKED TO INDICATE IT IS THE OWNER'S PROPERTY AND MAY NOT BE COPIED OR REDISTRIBUTED WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE OWNER.
Mighty Mini® Stainless Steel w/Timer
Portable Oil Skimmer: 1", 2"

Quick Summary:
A low cost oil skimmer for light duty applications. The Mighty Mini offers features found on our larger models such as a dual wiper blade system and a self-tensioning pulley system along with four standard sizes. The Mighty Mini currently operates in the following types of locations: production machines (CNC, lathes, milling operations); parts washers; marine craft (pleasure boats, tug boats); as well as on a 55-gallon drum.

Highlights:
1. A 1" or 2" continuous belt of corrosion resistant steel or elastomer.
2. Oil discharge via a 3-foot 3/4-inch diameter clear plastic hose with clamp.
4. 316 S.S. Glass Beaded Finish.
5. 24 hour timer.
6. 8-foot grounded power cord w/plug.
7. Fractional fan-cooled gear motor.
8. Removes one or two gallons of medium weight oil per hour.

Quick Chart:

<table>
<thead>
<tr>
<th>CAP. GAL.</th>
<th>MODEL</th>
<th>BELT WIDTH</th>
<th>BELT LENGTH</th>
<th>RPM</th>
<th>VOLTS</th>
<th>PHASE</th>
<th>STANDARD MOTOR</th>
<th>OPTIONAL MOTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MM100ST-06</td>
<td>1&quot;</td>
<td>6&quot;</td>
<td>30 RPM 1.5 - 2.0A</td>
<td>115 60Hz</td>
<td>1 PH</td>
<td>30 RPM 1.5 - 2.0A</td>
<td>260 50Hz</td>
</tr>
<tr>
<td>1</td>
<td>MM100ST-12</td>
<td>1&quot;</td>
<td>12&quot;</td>
<td>30 RPM 1.5 - 2.0A</td>
<td>115 60Hz</td>
<td>1 PH</td>
<td>30 RPM 1.5 - 2.0A</td>
<td>260 50Hz</td>
</tr>
<tr>
<td>1</td>
<td>MM100ST-18</td>
<td>1&quot;</td>
<td>18&quot;</td>
<td>30 RPM 1.5 - 2.0A</td>
<td>115 60Hz</td>
<td>1 PH</td>
<td>30 RPM 1.5 - 2.0A</td>
<td>260 50Hz</td>
</tr>
<tr>
<td>1</td>
<td>MM100ST-24</td>
<td>1&quot;</td>
<td>24&quot;</td>
<td>30 RPM 1.5 - 2.0A</td>
<td>115 60Hz</td>
<td>1 PH</td>
<td>30 RPM 1.5 - 2.0A</td>
<td>260 50Hz</td>
</tr>
<tr>
<td>2</td>
<td>MM200ST-06</td>
<td>2&quot;</td>
<td>6&quot;</td>
<td>30 RPM 1.5 - 2.0A</td>
<td>115 60Hz</td>
<td>1 PH</td>
<td>30 RPM 1.5 - 2.0A</td>
<td>260 50Hz</td>
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<tr>
<td>2</td>
<td>MM200ST-12</td>
<td>2&quot;</td>
<td>12&quot;</td>
<td>30 RPM 1.5 - 2.0A</td>
<td>115 60Hz</td>
<td>1 PH</td>
<td>30 RPM 1.5 - 2.0A</td>
<td>260 50Hz</td>
</tr>
<tr>
<td>2</td>
<td>MM200ST-18</td>
<td>2&quot;</td>
<td>18&quot;</td>
<td>30 RPM 1.5 - 2.0A</td>
<td>115 60Hz</td>
<td>1 PH</td>
<td>30 RPM 1.5 - 2.0A</td>
<td>260 50Hz</td>
</tr>
<tr>
<td>2</td>
<td>MM200ST-24</td>
<td>2&quot;</td>
<td>24&quot;</td>
<td>30 RPM 1.5 - 2.0A</td>
<td>115 60Hz</td>
<td>1 PH</td>
<td>30 RPM 1.5 - 2.0A</td>
<td>260 50Hz</td>
</tr>
</tbody>
</table>
PART 1: GENERAL

1.01 Construction
   1. 316 Stainless Steel with glass beaded finish.

1.02 Pulley Types
   1. Drive Pulley (Head Pulley)
      A. Splined drive pulley for belt traction.
   2. Tail Pulley (Solid drum type)
      A. Spring loaded tension bar for automatic tensioning on belt.

1.03 Motor

1.04 Guard
   1. Stainless Steel motor area cover, bolt in place with handle.

1.05 Belt Material and Length
   1. Corrosion Resistant Steel
      A. Lengths: 6", 12", 18", 24" - measured from mounting surface to bottom of tail pulley + 3/4".
      B. Optional material: Elastomer, Poly, Poly-HT, and LFO “Fuzzy”.

1.06 Wiper Blades
      A. Single wiper insert for front and rear wiper.

1.07 Oil Discharge Outlet
   1. Dual troughs discharging into a trough outlet with 3/4" dia. x 3' clear hose fastened with clamp.

1.08 Standard Mounting Arrangement
   1. Two 5/16" x 1/2" slotted holes for mounting on flat surface.

1.09 Weight and Size
   1. Weight of unit with gear motor is 7 lbs. for 1" unit.
   2. Overall size of unit: 7.50"L x 6.68"W x 6.75"H

1.10 Mounting Requirements
   1. Sump Opening size for Tail Pulley: 2" Dia.
   2. Minimum Mounting Height: 6.81"
   3. Approximate Overall Height (Unit + Belt length)(Top of handle to bottom of Tail Pulley)
      A. 6" belt - 12.06" total
      B. 12" belt - 18.06" total
      C. 18" belt - 24.06" total
      D. 24" belt - 30.06" total

1.11 Power Requirements
   1. 3 - prong grounded 110 volt outlet. Unit comes with 8' cord.

1.12 Optional Mounting Arrangements
   1. Universal Mounting Bracket for mounting on straight wall or 90° angle.
   2. ODM-100 Oil Concentrator Decanter mounting bracket for attaching ODM-100 to Mighty Mini skimmer's base.
PART 1: GENERAL

1.01 Construction
1. 316 Stainless Steel with glass beaded finish.

1.02 Pulley Types
1. Drive Pulley (Head Pulley)
   A. Splined drive pulley for belt traction.
2. Tail Pulley (Solid drum type)
   A. Spring loaded tension bar for automatic tensioning on belt.

1.03 Motor

1.04 Guard
1. Stainless Steel motor area cover, bolt in place with handle.

1.05 Belt Material and Length
1. Corrosion Resistant Steel
   A. Lengths: 6", 12", 18", 24" - measured from mounting surface to bottom of tail pulley + 3/4".
   B. Optional material: Elastomer, Poly, Poly-HT, and LFO “Fuzzy”.

1.06 Wiper Blades
   A. Single wiper insert for front and rear wiper.

1.07 Oil Discharge Outlet
1. Dual troughs discharging into a trough outlet with 3/4" dia. x 3’ clear hose fastened with clamp.

1.08 Standard Mounting Arrangement
1. Two 5/16” x 1/2” slotted holes for mounting on flat surface.

1.09 Weight and Size
1. Weight of unit with gear motor is 7 lbs. for 2" unit.
2. Overall size of unit: 8.31”L x 6.68”W x 6.75”H

1.10 Mounting Requirements
1. Sump Opening size for Tail Pulley: 2” x 3”
2. Minimum Mounting Height: 6.81”
3. Approximate Overall Height (Unit + Belt length)(Top of handle to bottom of Tail Pulley)
   A. 6” belt - 12.06” total
   B. 12” belt - 18.06” total
   C. 18” belt - 24.06” total
   D. 24” belt - 30.06” total

1.11 Power Requirements
1. 3 - prong grounded 110 volt outlet. Unit comes with 8’ cord.

1.12 Optional Mounting Arrangements
1. Universal Mounting Bracket for mounting on straight wall or 90° angle.
2. ODM-100 Oil Concentrator Decanter mounting bracket for attaching ODM-100 to Mighty Mini skimmer's base.
Grease Grabber® Systems:

Quick Summary:
The Grease Grabber®, with its patented technology, was designed and developed for the removal and discharge of non-flowing grease at ambient temperature. The main feature of this unit is a temperature controlled discharge hopper. The hopper is heated electrically to flow heavy grease for discharge. Other features for handling heavy grease are two grooved vulcanized rubber pressure drive rolls and a 4-inch SCH-40 discharge pipe nipple. An optional screw feed assembly is also available to help pull the heavy grease out of the heated discharge pipe. Safety features include: a totally enclosed drive mechanism protected by guards and a safety sensor switch which prevents accidental startup of the unit during maintenance.

Highlights:
1. An 8" continuous poly-belt up to 100 feet or more.
2. Dual safety covers for drive and motor area.
3. Safety sensor, which cuts power to motor when drive guard is removed.
4. Dual wiper blade system
5. Removes up to 160 gallons of heavy lubricating grease per hour.²

Quick Chart:

<table>
<thead>
<tr>
<th>CAP GPH</th>
<th>MODEL</th>
<th>BELT WIDTH</th>
<th>BELT LENGTH</th>
<th>RPM AMPS</th>
<th>VOLTS Hz</th>
<th>PHASE</th>
<th>RPM AMPS</th>
<th>VOLTS Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>160</td>
<td>GR. 8</td>
<td>8&quot;</td>
<td>UP TO 100 ft.</td>
<td>1725 RPM</td>
<td>115/208-230 60Hz</td>
<td>1 PH</td>
<td>1725 RPM</td>
<td>208-230/460 3PH-60Hz</td>
</tr>
</tbody>
</table>

Notes:
1. Additional motors, including explosion proof, are available per customer specification. See motor spec sheet for complete listing of motors. Always consult the factory for special applications.
2. Actual removal rate will vary with application. Removal rate is based on Brooks Technology Plexelene 750™ grease and other components in ordinary water.
1.01 Construction
1. Solid welded carbon steel with a baked on powder coat finish.
2. Color: RAL5005 or equivalent (Dark Blue).

1.02 Pulley Types/Rolls
1. Drive Rolls
   A. Dual grooved vulcanized rubber rolls w/1" shafts.
2. Idler Pulley
   A. 3/4" shaft with dual bearing mount.
3. Tail Pulley
   A. Standard yoke and chain assembly with retainer.

1.03 Motor:
1/4 H.P. 1 PH 60Hz TEFC
1725 RPM 56 C-Face
115/208-230 Volt
5 / 2.6 / 2.5 Amps

or optional

1/4 H.P. 3 PH 60Hz TEFC
1725 RPM 56 C-Face
208-230/460 Volt
1.4 / 1.3 / .65 Amp
requires magnetic starter w/3 PH control panel

1.04 Gear Reducer
1. Standard Right Angle 56C-Face
   A. 60:1 reduction
   B. Oil filled
   C. Bronze gears/ball bearings

1.05 Guards
1. Standard steel motor area guard w/gas spring.
2. Standard steel guard w/power cut-off switch over drive rolls.

1.06 Hopper
1. Six 400watt electric heaters, thermostatically controlled.

1.07 Belt Material and Length
1. Standard material: 8" wide Poly
   A. Optional material: Elastomer
2. Length as required per application.

1.08 Wiper Blades
1. Standard Material: Hybrid Ceramic
2. Top and bottom Wiper Assembly.
   A. Fixed wiper, with single insert, preset angle for optimum wiping.

1.09 Oil Discharge Outlet
1. Double walled, thermostat controlled hopper with 4" SCH-40 pipe nipple x 6" long for flange or coupling mounting and/or discharge.

1.10 Mounting Arrangements
1. 2" steel angle frame 18" high for minimum clearance for flat surface mounting and shipping.

1.11 Weights and Size
1. Weight of skimmer without belt and tail pulley: 240 lbs. (109kg)
   A. Skimmer has two lift hooks for lifting straps.
   B. Add 10 lbs. (4.5kg) for Tail Pulley weight.
2. Overall size of unit: 31-1/2"L x 24"W x 14-3/16"H
   A. Does not include minimum mounting height.

1.12 Mounting Requirements
1. Sump Opening size for Tail Pulley: 12" x 24"
2. Minimum Mounting Height will be determined by oil discharge requirements.

1.13 Power Requirements
1. 1 PH 110volt 60Hz
2. 3 PH requires control panel.

1.14 Optional Mounting Arrangements
1. Boom mast mount.
   A. New or existing 6" mast.
   B. Mast pivots for servicing.

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17387 Munn Road Chagrin Falls, Ohio 44023 U.S.A.
Phone: 1-800-358-SKIM Fax: (440) 543-7404
www.abanaki.com
System A: **Grease Grabber Mat Buster**
- Standard skimmer specifications
- Mat Buster: 24", 36" or 44" dia. blades - requires additional tail pulley clearance requirements.
  - Mat Buster weight: 10lbs. (4.5 kg)
  - 24" blade - 18" x 28" clearance
  - 36" blade - 20" x 40" clearance
  - 44" blade - 20" x 44" clearance

System B: **Grease Grabber Screw Feed Discharge**
- Standard skimmer specifications
- Screw Feed Discharge
  - Motor - 1/4hp, 115/208-230VAC, 1PH, 60Hz., 5/2.6-2.5amps, 56C-face, TEFC, 1725RPM
  - Gear Reducer - 48:1 right angle
  - Auger - 4" right hand helical flighting welded to 1-1/4" sch-40 pipe.

System C: **Grease Grabber Transfer Package**
- Standard skimmer specifications
- Transfer Package
  - Transfer Tank (volume user specified)
  - Transfer Tank Immersion Heater (sized to tank)
  - Hinged hood on tank for easy access.
  - Positive Displacement Pump
  - Transfer Tank Level Control

**Note:**
All systems can be adapted to your application.
Belt length is the measured distance between the mounting point of the skimmer unit (on 18" mounting stand) to the surface of the water at its lowest point, then add 30°

Water at its lowest point

OR

Centerline of the tail pulley

Mounting stand

Drive rolls

6.10 [15cm]

18.00 [46cm]

6.43 [16cm]
NOTE:
PRIOR TO MATT BUSTER ASSEMBLY,
PLACE BELT ON TAIL PULLEY. THIS IS
DONE BY REMOVING COTTER PINS
AND RETAINER FROM TAIL PULLEY.
LOOP BELT AROUND TAIL PULLEY AND
REPLACE RETAINER & COTTER PINS.
Oil Boss

Quick Summary:
A unit built to last. All stainless steel construction is built to stand up to the most punishing use and harshest environments without special maintenance or protection. Controls and electrical connections are moisture resistant, and the sealed gearmotor is fully enclosed requiring no maintenance. Applications include: nuclear power plants and installations where food grade quality is necessary.

Highlights:
1. A 4” continuous stainless steel or elastomer belt up to 100 feet.
2. One piece cover exposes entire mechanism for inspection.
3. All stainless steel construction.
4. Dual wiper blade system
5. 115v plug-in and switch-on.

Quick Chart:

<table>
<thead>
<tr>
<th>CAP GPH</th>
<th>MODEL</th>
<th>BELT WIDTH</th>
<th>BELT LENGTH</th>
<th>RPM AMPS</th>
<th>VOLTS Hz</th>
<th>PHASE</th>
<th>RPM AMPS</th>
<th>VOLTS Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Oil Boss</td>
<td>4&quot;</td>
<td>UP TO 100 ft</td>
<td>12 RPM 1.4</td>
<td>115 60Hz</td>
<td>1 PH TEFC</td>
<td>15/12.5</td>
<td>115/230v</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1.2/.61amp</td>
<td>110/220v</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1.3/.65amp</td>
<td>50/60Hz</td>
</tr>
</tbody>
</table>

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Spec:0804048-1
PART 1: GENERAL

1.01 Construction
1. Stainless steel construction.

1.02 Pulley Types
1. Drive Pulley (Head Pulley)
   A. Magnetic drive pulley for metal belt.
2. Tail Pulley
   A. Drum type w/yoke & chain.

1.03 Motor:
1/20H.P. 1 PH 60Hz TEFC
13.9 normal RPM/12 RPM at full load
115 Volt
1 amp normal/ 1.4 amp max.

1.04 Guard
1. Fully enclosed one piece stainless steel w/two easy open positive locking latches.

1.05 Belt Material and Length
1. Standard material: Stainless Steel
   A. Optional material: Elastomer
2. Length as required per application.

1.06 Wiper Blades
1. Standard Material: Nitrile or optional CRV.
   A. Fixed: with single wiper insert.
   B. Adjustable: with screw for tensioning, with single wiper insert.

1.07 Oil Discharge Outlet
1. Dual troughs discharging to a single 1-1/2” N.P.T. coupling.

1.08 Standard Mounting Arrangement
1. Four 7/16” clearance holes for flat surface mounting.

1.09 Weight and Size
1. Weight of unit without belt and tail pulley: 50 lbs.
2. Overall size of unit: 23”L x 12”W x 12”H

1.10 Mounting Requirements
1. Sump Opening size for Tail Pulley: 6” x 12”
2. Minimum height needed from mounting surface to lift off cover: 21”

1.11 Power Requirements
1. 3-prong grounded 110v outlet. Unit comes with 8’ cord.

1.12 Optional Mounting Arrangement
1. 4’ stand w/angle plate brackets.
Oil Concentrator®:
ODM-100, OC-110, OC-200

Quick Summary:
The Abanaki Oil Concentrator® offers complete oil/water separation for reuse or disposal of either liquid. Mounted at the discharge end of the oil skimmer, the Oil Concentrator receives the skimmed liquid directly from the skimmer. Based on the principle of gravity separation, water is decanted from the bottom, the lighter weight oil is removed from the top.

Highlights:
1. Non-electrical with no moving parts.
2. Sludge screen keeps large debris out of skimmed oil.
3. Minimal maintenance.
4. No skimmer modifications.
5. Easy mounting.
6. 3 sizes available.
7. The OC-110 offers a channel mount for indoor or outdoor applications, or a bracket mount for an open or sealed concentrator.

Quick Chart:

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CAPACITY</th>
<th>MATERIAL</th>
<th>OPTIONAL HEATER</th>
<th>OPTIONAL HOSE KIT</th>
<th>SKIMMER MODEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>ODM-100</td>
<td>.56 gallons 2.1 liters Fiberglass</td>
<td>NO</td>
<td>YES</td>
<td>Mighty Mini 1&quot; &amp; 2&quot; Tote-It 1&quot; &amp; 2&quot;</td>
<td></td>
</tr>
<tr>
<td>OC-110</td>
<td>2.93 gallons 11 liters Steel w/ corrosion-resistant coating</td>
<td>YES</td>
<td>YES</td>
<td>Tote-It 4&quot; PetroXtractor PX-A, PX-B and PX-C Model 4 Model 8²</td>
<td></td>
</tr>
<tr>
<td>OC-200</td>
<td>16.87 gallons 63.8 liters Steel w/ corrosion-resistant coating</td>
<td>YES</td>
<td>YES</td>
<td>Multi-Belt Units</td>
<td></td>
</tr>
</tbody>
</table>
MODEL 8" OIL SKIMMER WITH CHANNEL MOUNT OUTDOOR OC-110 OIL CONCENTRATOR
Quick Summary:
The Abanaki Q-VAC 100 Pump is a wet suction unit intended for suction of non-dusting industrial waste and is mounted directly on a standard barrel (bung barrel or ring lock barrel in cold-rolled or stainless steel plate, volume 55, 30 or 16 gallons). It is important that the barrel used is in good condition. To eliminate the risk of the barrel being sucked in by the vacuum created, the barrel must not be damaged in any way.
Mighty® Disk Skimmer

Quick Summary:
The inexpensive way to remove unwanted tramp oils from coolants and parts washers. Use it almost anywhere a flat surface is available for mounting. Weighs less than 10 pounds and installs in no time. Put it to work right out of the box, or add the optional coolant saving decanter for a more efficient skimming system.

Highlights:
1. Disk available in 12” and 18” diameters.
2. 110v 60Hz. fan-cooled motor.
3. High temperature disk material available.
4. Quality construction.
5. Available in Stainless Steel with timer.
6. Removes up to 1-1/2 gallons of medium weight oil per hour.
Optional coolant saving decanter available.
Cool Disk Skimmer

Quick Summary:
The inexpensive way to remove unwanted tramp oils from coolants and parts washers. New, sturdy, all plastic construction. Use it almost anywhere a flat surface is available for mounting. Weighs less than 9 pounds and installs in no time. Put it to work right out of the box.

Highlights:
1. Disk available in 12” and 18” diameters.
2. 110v 60Hz. fan-cooled motor.
3. High temperature disk material available.
4. Quality all plastic construction.
5. Removes up to 1-1/2 gallons of medium weight oil per hour.
Li’l Blue Skimmer

Quick Summary:
The economical solution to remove unwanted oil in coolants and parts washers. New, sturdy, polymer construction. Use it here today, there tomorrow. Weighs only 6 pounds and installs in seconds.

Highlights:
1. Fan-cooled motor.
2. 1” oleophilic belts or specially-engineered plastic belts.
3. Both sides of belt are wiped for better efficiency.
4. Engineered polymer base and housing.
5. Spring-loaded stabilizer bar
6. Weighs only 6 pounds.
**Oil Viper Tube Skimmer**

*Quick Summary:*
Removes floating surface oils in industrial or food processing use.
Effectively removes floating surface oils by means of a oleophilic (oil attracting) 3/4 inch diameter continuous looped tube. The tube extends out over the surface of the tank or pit and collects the free floating oils.
The Oil Viper has a specially designed method for removing the oil from the tube. It has a unique wiper combination attached to the tube itself in addition to the ceramic wiper on the skimmer. The result is a virtually oil free tube as it leaves the skimmer for quicker oil removal. Removal rates can be as high as one hundred gallons per hour.

*Highlights:*
1. Compact design fits almost any tank or pit.
2. Explosion Proof motors available.
3. Tubes with up to 100 ft. reach.
4. Safety shutoff switch for safe maintenance.
5. Simple and effective drive design for lasting performance.
6. Unique wiping system for more effective oil removal.
3/4" O.D. TUBE NOT SHOWN

8X Ø.44 THRU

15.50
1.00
3.00
8.34

17.50
10.50
4.25
.50
1.63
.44

MOUNTING HOLES

3/4" O.D. Tube Not Shown