### Mixer Tank
- 3/16” thick steel tank wall
- 3/8” thick steel tank floor
- Tank is welded to structural steel channel frame
- Channel frame has lifting lugs for unloading and handling of mixer

### Drive Train
- Planetary drive unit
- Direct drive on Model 0.5
- Belt-driven from reducer to motor on all other models
- Removable from top of mixer
- TEFC 230/460 volt, 3 phase, 60 hertz motor

### Liners
- Abrasion resistant steel floor liners
- Abrasion resistant steel wall liners
- All are replaceable, bolted segments

### Lubrication System
- Static oil system on Models 0.5, 1.0 and 1.5
- Oil lube system with pump, flow switch and reservoir on Models 2.0, 3.0 and 4.0

### Wall Scrapers and Paddles
- Formed steel arms with replaceable rubber wear guards
- Inside and outside replaceable cast Ni-hard scrapers
- Cast Ni-hard, or rubber, replaceable floor paddles

### Mixer Cover
- Steel top cover lid
- Hinged access doors on top of mixer
- One door will have a hinged inspection door
- Doors are gasketed for dust and water containment
- Doors include ‘doors closed’ interlock switches

### Discharge Door
- Steel door pivots on self-lubricated sleeve bearing
- Up to 4 doors at 90 degree increments
- Air cylinder operated linkage with discharge valve
- Flow control valve for speed adjustment
- Air line lubricator and moisture trap

### Paint
- One color, high grade machinery enamel
### Planetary Mixer Specifications

#### Input Capacity and Motor Power

<table>
<thead>
<tr>
<th>MODEL</th>
<th>INPUT CAPACITY</th>
<th>MOTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>19 CU FT or 1,900 LBS</td>
<td>15 HP</td>
</tr>
<tr>
<td>1.0</td>
<td>41 CU FT or 4,100 LBS</td>
<td>50 HP</td>
</tr>
<tr>
<td>1.5</td>
<td>61 CU FT or 6,100 LBS</td>
<td>60 HP</td>
</tr>
<tr>
<td>2.0</td>
<td>81 CU FT or 8,100 LBS</td>
<td>100 HP</td>
</tr>
<tr>
<td>3.0</td>
<td>125 CU FT or 12,500 LBS</td>
<td>125 HP</td>
</tr>
<tr>
<td>4.0</td>
<td>161 CU FT or 16,100 LBS</td>
<td>150 HP</td>
</tr>
</tbody>
</table>

#### Description and Dimensions

<table>
<thead>
<tr>
<th>DESCRIPTION / MODEL</th>
<th>0.5</th>
<th>1.0 / 1.5</th>
<th>2.0</th>
<th>3.0</th>
<th>4.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>A OVERALL WIDTH</td>
<td>6'-0&quot;</td>
<td>8'-4&quot;</td>
<td>9'-6&quot;</td>
<td>11'-4&quot;</td>
<td>11'-4&quot;</td>
</tr>
<tr>
<td>B OVERALL LENGTH</td>
<td>7'-6&quot;</td>
<td>10'-5&quot;</td>
<td>11'-7&quot;</td>
<td>13'-11&quot;</td>
<td>13'-11&quot;</td>
</tr>
<tr>
<td>C OVERALL HEIGHT</td>
<td>6'-3&quot;</td>
<td>7'-2&quot;</td>
<td>9'-4&quot;</td>
<td>10'-7&quot;</td>
<td>10'-7&quot;</td>
</tr>
<tr>
<td>D TO OUTSIDE OF TANK</td>
<td>3'-0&quot;</td>
<td>4'-2&quot;</td>
<td>4'-9&quot;</td>
<td>5'-8&quot;</td>
<td>5'-8&quot;</td>
</tr>
<tr>
<td>E TO DISCHARGE DOOR</td>
<td>4'-6&quot;</td>
<td>6'-3&quot;</td>
<td>6'-10&quot;</td>
<td>8'-3&quot;</td>
<td>8'-3&quot;</td>
</tr>
<tr>
<td>MIXER WEIGHT</td>
<td>5,200 LBS</td>
<td>9,625 LBS</td>
<td>13,250 LBS</td>
<td>15,860 LBS</td>
<td>17,650 LBS</td>
</tr>
</tbody>
</table>

### Issued August 2015

Phone 262-691-3100
190 Simmons Ave \ PO Box 10
Pewaukee, WI 53072-0010
www.mixersystems.com

MAD IN USA