How It Works
The Turbine Vibrator has an aluminum wheel with pressed in brass weights which develop the eccentric force. It spins on a shaft connected to an endplate and is supported by two bearings.

Features
All housing and parts in contact are in Stainless Steel 316L
Sanitary Finishing
Noise level never exceeds 75 dba
Bearings come pre-greased, no lubrication required.
Bearings are oversized to dramatically increase vibrator life.

Benefits
No metal-to-metal contact reduces noise and wear.
Because vibrator life is determined primarily by the bearing life, regular replacement of the bearings can extend the life of the vibrator.
Stainless Steel body construction and absence of airline lubrication allows use in many special environments such as food, chemical and pharmaceutical industries.
Can operate under adverse conditions such as grit, water, rust, heat and cold.
Will not rust in extremely humid conditions.
Withstands corrosive conditions.

Design

The vibration is produced by the centrifugal force of the positive and negative unbalanced moments in the rotor. The rotor is supported on two heavy duty, prelubricated, matched shielded ball bearings. Special long life grease ensures a long working life.

1. Stainless Steel 316L body
2. Hardened aluminum rotor.
3-4. Brass weights.
5-6-7. Cavities giving negative moment.
8. BSP tapped air inlet.
9. BSP tapped air exhaust.
10. Standard bolt holes.

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APPLICATIONS

With 316L construction these special vibrators are ideal for the most demanding conditions.

**Environments**
- Contamination free
- Corrosion free
- Easy cleaning

**Industries**
- Food
- Chemical
- Pharmaceutical

### PERFORMANCE DATA

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FREQUENCY</th>
<th>Force Output</th>
<th>Air Consumption</th>
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<tbody>
<tr>
<td></td>
<td>30 PSI</td>
<td>60 PSI</td>
<td>90 PSI</td>
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<tr>
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<td>vpm</td>
<td>vpm</td>
<td>vpm</td>
</tr>
<tr>
<td>GT 10 SS</td>
<td>27000</td>
<td>34000</td>
<td>37000</td>
</tr>
<tr>
<td>GT 16 SS</td>
<td>16000</td>
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<td>GT 25 SS</td>
<td>12000</td>
<td>16000</td>
<td>18000</td>
</tr>
<tr>
<td>GT 25 SS/S</td>
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### DIMENSIONS

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<tr>
<th>MODEL</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G / H</th>
<th>L</th>
<th>N</th>
<th>P</th>
<th>Weight</th>
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<td>3.39&quot;</td>
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<td>0.28&quot;</td>
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<td>4.96&quot;</td>
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<td>1/4&quot;</td>
<td>2.36&quot;</td>
<td>M 10</td>
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<td>4.0 lbs</td>
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<tr>
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<td>0.35&quot;</td>
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<td>M 10</td>
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**ChicagoVibratorProducts**

*Flow and Compaction*

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