Steadi-Mix™ 2K

Compact Motorized Power Mixer

Easy-to-clean design provides adjustable mix capabilities and optimized flow paths for pressure-sensitive material mixing.
Steadi-Mix 2K

Optimized flow paths for pressure-sensitive material mixing

- Twin valves provide continuous dispensing for increased production
- Material outlet is adaptable to suit customer-specific applications
- Minimized bends and corners prevent unnecessary pack-out or squeeze-out
- Specially designed mixing element does not damage material and reduces mixing-generated pressure
**Easy Maintenance**
- A quick-connect valve attachment means tool-free removal of the valve from the mixing chamber
- The no-drip style, ball-and-seat design provides positive cutoff of base material

**Steady Operation**
- Motor delivers an adjustable range of 60-300 RPM providing +/- 3 RPM for high control of mixing rate
- Incremental ramp-up procedure prevents damage to the mixer, drive train and any pressure-sensitive material
- Motor can run 24/7 without overheating or performance degradation

**Detachable Fluid Mixing Section**
- Material-in-process is able to be stored to prolong time between cleaning and maintenance
- Without any tools, the fluid mixing section easily lifts out of the unit base with a simplified process

**Advanced Sensing Provides Manufacturing Assurance**
- Material pressure sensor confirms correct pressure in high- and low-volume injector valves
- Material temperature sensor ensures material is within pre-determined temperature range
- Mixing action sensor ensures mixing elements are spinning properly
- Motor torque sensor creates feedback for material thickness changes
Technical Specifications

Physical Size

<table>
<thead>
<tr>
<th></th>
<th>Benchtop Unit</th>
<th>Storage-Ready Section</th>
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</thead>
<tbody>
<tr>
<td><strong>Length</strong></td>
<td>50.10 in (12.20 cm)</td>
<td>31.50 in (80.01 cm)</td>
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<tr>
<td><strong>Width</strong></td>
<td>11.00 in (27.94 cm)</td>
<td>9.00 in (22.86 cm)</td>
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<tr>
<td><strong>Height</strong></td>
<td>13.50 in (34.29 cm)</td>
<td>5.50 in (13.97 cm)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>103.50 lbs (46.94 kg)</td>
<td>39.50 lbs (17.91 kg)</td>
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**Steadi-Mix 2K Motorized Power Mixer**

- **Mixing Ratio**: 4:1 - 20:1 by volume
- **Material Viscosity**: Base: 50,000 - 1,500,000 cps, Catalyst: 1 - 500,000 cps
- **Mixing RPM**: 60 - 300
- **Operating Temperature**: Low: 45°F / 7.2°C, High: 100°F / 37.7°C
- **Operation Duration**: Continuous
- **Material Pressure**: 1,000 PSI (68.9 Bar)

**Required Inputs**

- **Air Pressure**: 60 - 100 PSI (4.1 - 6.8 Bar)
- **Power Supply**: 230 V, 30 A, 1 Phase
- **Material Pressure**: 100 - 1,000 PSI (6.8 - 68.9 Bar)
- **Inbound Material Rate**: 0.75 - 1.5 oz/sec