## TECHNICAL SPECIFICATIONS

### Frame Sizes:
- **23000 Frame**
- **34000 Frame**
- **48000 Frame**

#### General
<table>
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<tr>
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<th>48000 Frame</th>
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<tbody>
<tr>
<td><strong>Servo Motors</strong></td>
<td>kW</td>
<td>115.50</td>
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<tr>
<td><strong>Total Oil Capacity</strong></td>
<td>gal</td>
<td>2,700</td>
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<tr>
<td><strong>Water Supply (29°C Inlet Temp)</strong></td>
<td>gal/min</td>
<td>95</td>
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<td><strong>Connected Load (Amps)</strong></td>
<td>FLI</td>
<td>441</td>
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<tr>
<td><strong>Overall Dimensions (L × W × H)</strong></td>
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<td>623.70 x 223.60 x 166</td>
<td>660.30 x 223.60 x 166</td>
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<tr>
<td><strong>Machine Weight (without oil)</strong></td>
<td>lbs</td>
<td>603,839</td>
<td>612,655</td>
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#### Injection Unit Specifications

**Injection Capacity, Maximum GPPS**

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<tr>
<td><strong>oz</strong></td>
<td>413</td>
<td>540</td>
<td>607</td>
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<td><strong>gms</strong></td>
<td>11,718</td>
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<td><strong>Theoretical Displacement</strong></td>
<td>in³/</td>
<td>psi</td>
<td>27,500</td>
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<td><strong>bar</strong></td>
<td>1,896</td>
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<td><strong>Maximum Injection Pressure</strong></td>
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<td><strong>Injection Rate</strong></td>
<td>in³/sec</td>
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<td><strong>mm/sec</strong></td>
<td>1,296</td>
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<td><strong>Injection Velocity</strong></td>
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<td><strong>mm/sec</strong></td>
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<td><strong>Screw Stroke</strong></td>
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<td>39.40</td>
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<tr>
<td><strong>mm</strong></td>
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<td>39.40</td>
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<td><strong>Back Pressure Limits</strong></td>
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<td><strong>Low Torque Screw Speed Max</strong></td>
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<td><strong>Low Torque at Screw</strong></td>
<td>in/lb</td>
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<tr>
<td><strong>Nm</strong></td>
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<td>***</td>
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<tr>
<td><strong>at bar</strong></td>
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<td><strong>Plasticizing Rate (GPPS)</strong></td>
<td>oz/sec</td>
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<td><strong>gm/sec</strong></td>
<td>225</td>
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<td>362</td>
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**Notes**

1. All machine dimensions and specifications are subject to change. Values are for reference only. Refer to general assembly drawings for exact measurements.
2. Conversion factor 0.95 g/xx based on polystyrene.
3. L/D calculation includes feedthroat width.
4. *** Does not apply to this model.
### Frame Sizes:

- 23000 Frame
- 34000 Frame
- 48000 Frame

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<tr>
<th>ENGLISH</th>
<th>A</th>
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<td><strong>Screw Diameter</strong></td>
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