Power Tubing Tong

Model RSX

Utilizes a time tested design that is accepted throughout the industry as a rugged, reliable tong.

Features:
- Pressure oil bath lubrication
- Improved case seal
- Roller chain final drive
- Hydraulic power system
- Manual backup standard
- Air backup optional

Faster Trips
Unlike the closed face tong, the open faced tong can be removed from the pipe in order to help prevent damaging the outside of the pipe. It is also easily removed when running down hole submersible pumps and packers that typically have larger outside dimensions than the pipe. This feature reduces the time that is required to lift the closed face tongs off the top of the pipe.

Controlled Torque
With a Power Tong each joint of pipe is made up to a predetermined tightness. The torque is maintained within the indicated range by setting the pressure relief valve for the torque desired.

Two-Speed Operation
The Power Tong is driven by double multi-disc friction clutches, enabling the operator to shift from high gear to low gear without stopping the tong or meshing the teeth to make the shift.

Crew Safety
Designed for safe operation, the Power Tong uses a stiff torque arm (optional) to prevent counter rotation, keeping movement to a minimum when torque is applied in either forward or reverse direction.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Tubing Range</th>
<th>2 3/8&quot;</th>
<th>2 7/8&quot;</th>
<th>3 ½&quot;</th>
<th>4 ½&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Tong Jaws</td>
<td></td>
<td></td>
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<tr>
<td>With Modifications Jaws</td>
<td>1.050 &quot;</td>
<td>1.315 &quot;</td>
<td>1.660 &quot;</td>
<td>1.900 &quot;</td>
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<tr>
<td>Torque Ranges Available</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard</td>
<td>1,200–4,650 ft-lb</td>
<td></td>
<td></td>
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<tr>
<td>High torque</td>
<td>1,700–6,650 ft-lb</td>
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<tr>
<td>High and Low Rotating Rates</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard High</td>
<td>High—83 rpm</td>
<td>Low—21 rpm</td>
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<tr>
<td>Standard Low</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>High-Torque High</td>
<td>High—68 rpm</td>
<td>Low—18 rpm</td>
<td></td>
<td></td>
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<tr>
<td>High-Torque Low</td>
<td></td>
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<tr>
<td>System Pressure</td>
<td>2,000 psi</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>System Oil Must Supply</td>
<td>13–30 gal/min</td>
<td></td>
<td></td>
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<tr>
<td>Weight of Tong</td>
<td>760 lb</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Length × Width × Height</td>
<td>51 ¼&quot; × 26 ¾&quot; × 15&quot;</td>
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