Closed Mouth Tong

Universe Machine Corporation

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Closed Mouth Tong

- Efficient high torque hydraulic vane motor
- Adjustable relief valve for setting torque
- Optional torque gauge
- Hydraulic lift cylinder valve back
- Variable speed hydraulic throttle control
- 2 position hi-low torque speed control
- Optional manual, air or hydraulic backups are available to mount under tong

Built-in spring hanger allows for movement during makeup or breakout
Adjustable tong levelling system
Standard jaw and drag ring system
Bell cover
Rugged spur gear system provides high torque

High strength alloy steels used throughout the tong provides a light weight, high torque and compact tong ensuring long life and durability.

Optional electric, diesel skid or trailer mounted hydraulic power units are available to suit customer.

US Patent 5,144,568   Canadian Patent 2 016,319

<table>
<thead>
<tr>
<th>Size</th>
<th>Torque*</th>
<th>Weight</th>
<th>Body Size</th>
<th>Torque Arm</th>
<th>Speed</th>
<th>Max. Elevator Dia.</th>
<th>Space Req. on Pipe</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Ft-lbs</td>
<td>lbs</td>
<td>(W x L)</td>
<td>Inches (m)</td>
<td>Rpm</td>
<td>Inches (m)</td>
<td>inches (m) w/o B.U.</td>
</tr>
<tr>
<td>7.00</td>
<td>13,000</td>
<td>1,100</td>
<td>18 x 52</td>
<td>40</td>
<td>135</td>
<td>32 (0.81)</td>
<td>8-1/8 (0.21)</td>
</tr>
<tr>
<td></td>
<td>(178)</td>
<td>(498)</td>
<td>(0.46 x 1.32)</td>
<td>(1.02)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11.75</td>
<td>18,500</td>
<td>2,390</td>
<td>24 x 62</td>
<td>47</td>
<td>100</td>
<td>40 (1.02)</td>
<td>9-3/4 (0.25)</td>
</tr>
<tr>
<td></td>
<td>(298)</td>
<td>(1084)</td>
<td>(0.61 x 1.57)</td>
<td>(1.19)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Actual torque rating may vary on smaller jaw sizes
Data is subject to change without notice; visit our website for up to date information.