

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

Tubing Range

Standard Tong Jaws	2 3/8"	2 7/8"	3 1/2"	4 1/2"
With Modifications Jaws	1.050 "	1.315 "	1.660 "	1.900"

Torque Ranges Available

Standard	1,200–4,650 ft-lb
High torque	1,700–6,650 ft-lb

High and Low Rotating Rates

Standard	High—83 rpm	Low—21 rpm
High-Torque	High—68 rpm	Low—18 rpm

System Pressure	2,000 psi
------------------------	-----------

System Oil Must Supply	13–30 gal/min
-------------------------------	---------------

Weight of Tong	760 lb
-----------------------	--------

Length x Width x Height	51 1/4" x 26 3/4" x 15"
--------------------------------	-------------------------

Contact Stewart & Stevenson

Calgary
403-215-5300
3111 Shepard Place SE
Calgary, AB T2C 4P1

Casper
307-577-5600
240 Chamberlin Road
Casper, WY 82644

Edmond
405-348-9954
6024 NW 178th Street
Edmond, OK 73003

Houston
281-442-1339
1617 Richey Road
Houston, TX 77073

Odessa
432-561-9400
4501 South CR 1310
Odessa, TX 79765

Victoria
361-570-3004
7303 Houston Highway
Victoria, TX 77901

