Manual Tongs

Spectrum Drilling Tools International specializes in manufacturing Manual Tongs, confirming API-7K specifications. These Manual Tongs are specifically designed for making and breaking connections of tubular goods, ranging from lightweight Tubing Pipes to heavy Drill Pipes and Drill Collar Pipes. The versatility of our Manual Tongs allows for easy assembly for either making up or breaking out, simply by removing the hanger and turning the complete tong over.

Manufactured in strict compliance with the latest edition of API-7K specifications, we ensure that our tongs have superior quality through rigorous testing in our in-house facilities. Each Manual Tong, along with its jaws, undergoes proof-loading testing before being supplied to our customers.

Our dedication to quality spans every stage of production, ensuring that only the finest Manual Tongs reach our users.

We offer four types of Manual Tongs to cover a wide range of pipes, varying from 2.3/8" to 21" in size and torque capacities from 16,000 to 100,000 ft-lbs. These are:

- Manual Tong 16,000 ft-lbs - SDTIMT 16
- Manual Tong 35,000 ft-lbs - SDTIMT 35
- Manual Tong 65,000 ft-lbs - SDTIMT 65
- Manual Tong 100,000 ft-lbs - SDTIMT 100

Manual Tongs
Figure No. 22

Manual Tong - 16000 ft-lbs

Model: SDTIMT-16

The Manual Tong SDTIMT-16 is engineered to handle tubular sizes ranging from 2.3/8" to 7", with a torque capacity of up to 16,000 Ft-Lbs.

Part List of SDTIMT-16:

S. No.	Description	P/N
1.	Lever Assembly	MT-1601
2.	Hanger Assembly	MT-1602
3.	Long Jaw Assembly	MT-1603
4.	Latch Assembly	MT-1604
5.	Short Jaw Assembly	MT-1605
6.	Lug Jaw Assembly (Range 2.3/8"-3.1/2")	MT-1606
7.	Lug Jaw Assembly (Range 3.1/2"-5.1/2")	MT-1607
8.	Lug Jaw Assembly (Range 4.3/4"-6.1/4")	MT-1608
9.	Lug Jaw Assembly (Range 5.3/4"-7")	MT-1609
10.	Hinge Pin w/Nut & Cotter Pin	MT-1603-2
11.	Tong Die (Blue Diamond/Pyramid)	MT-1610-B/ MT-1610-P
12.	Snub Line Saver/U Clamp Style Pull Line	MT-1611

Manual Tong - 35000 ft-lbs

Model: SDTIMT-35

The Manual Tong SDTIMT-35 is engineered to handle tubular sizes ranging from 2.3/8" to 10.3/4", with a torque capacity of up to 35,000 Ft-Lbs.

Part List of SDTIMT-35:

S. No.	Description	P/N
1.	Lever Assembly	MT-3501
2.	Hanger Assembly	MT-3502
3.	Long Jaw Assembly	MT-3503
4.	Latch Assembly	MT-3504
5.	Short Jaw Assembly (Range 2.3/8"-7")	MT-3505
6.	Short Jaw Assembly (Range 7"-10.3/4")	MT-3506
7.	Lug Jaw Assembly (Range 2.3/8"-3.668")	MT-3507
8.	Lug Jaw Assembly (Range 2.7/8"-4.1/4")	MT-3508
9.	Lug Jaw Assembly (Range 3.1/2"-5.1/4")	MT-3509
10.	Lug Jaw Assembly (Range 5.1/4"-7")	MT-3510
11.	Lug Jaw Assembly (Range 7"-85/8")*	MT-3511
12.	Lug Jaw Assembly (Range 9.5/8"-10.3/4")*	MT-3512
13.	Hinge Jaw Assembly (Range 7"-8.5/8")	MT-3513
14.	Hinge Jaw Assembly (Range 9.5/8"-10.3/4")	MT-3514
15.	Hinge Pin w/nut, Retaining Pin & Cotter Pin	MT-3503-2
16.	Tong Die (Blue Diamond/Pyramid)	MT-3515-B/ MT-3515-P
17.	Snub Line Saver/U Clamp Style Pull Line	MT-3516

Note: *Also requires the Hinge Jaw Assembly.

Manual Tong - 65000 ft-lbs

Model: SDTIMT-65

The Manual Tong SDTIMT-65 is engineered to handle tubular sizes ranging from 3.1/2" to 17" and has a torque capacity of up to 65,000 Ft-Lbs.

Part List of SDTIMT-65:

S. No.	Description	P/N
1.	Lever Assembly	MT-6550
2.	Hanger Assembly	MT-6553
3.	Long Jaw Assembly	MT-6558
4.	Short Jaw Assembly	MT-6562
5.	Latch Assembly	MT-6564
6.	Lug Jaw Assembly (Range 3.1/2"-8.1/4")	MT-6568
7.	Lug Jaw Assembly (Range 8"-11.1/4")*	MT-6569
8.	Lug Jaw Assembly (Range 11.3/4"-14.3/8")*	MT-6570
9.	Lug Jaw Assembly (Range 16"-17")*	MT-6571
10.	Hinge Jaw Assembly (Range 8"-17")	MT-6572
11.	Hinge Pin w/nut & Cotter Pin	MT-6567
12.	Tong Die	MT-6559
13.	Snub Line Saver/U Clamp Style Pull Line	MT-6575

Note: *Also requires the Hinge Jaw Assembly.

Manual Tong - 100000 ft-lbs

Model: SDTIMT-100

The Manual Tong SDTIMT-100 is engineered to handle tubular sizes ranging from 4" to 17" and has a torque capacity of up to 100,000 Ft-Lbs.

Part List of SDTIMT-100:

S. No.	Description	P/N
1	Lever Assembly	MT-10001
2	Hanger Assembly	MT-10002
3	Long Jaw Assembly	MT-10003
4	Latch Assembly	MT-10004
5	Short Jaw Assembly	MT-10005
6	Lug Jaw Assembly (Range 4"-8.1/2")	MT-10006
7	Lug Jaw Assembly (Range 8.1/2"-12")*	MT-10007
8	Lug Jaw Assembly (Range 12"-15")*	MT-10008
9	Lug Jaw Assembly (Range 15.3/4")*	MT-10009
10	Lug Jaw Assembly (Range 16"-17")*	MT-10010
11	Hinge Jaw Assembly (Range 8.1/2"-17")	MT-10011
12	Hinge Pin & Nut w/cotter Pin	MT-10003-2
13	Tong Die (Blue Diamond/Pyramid)	MT-10012-B/ MT-10012-P
14	Snub Line Saver/U Clamp Style Pull Line	MT-10013

Note: *Also requires the Hinge Jaw Assembly.