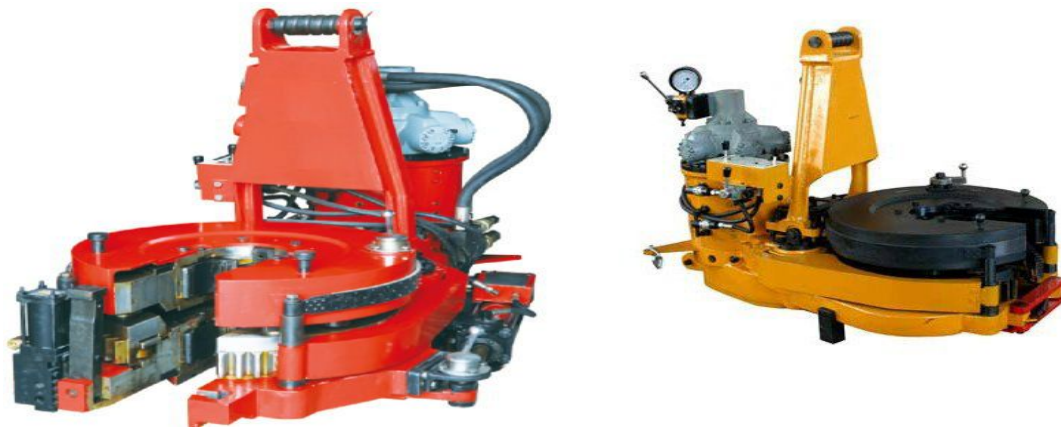


## Power Tong

Torlins Oil-Gas Equipment & Technologies (Beijing) Co., Ltd offers a wide suite of state-of-the-art hydraulic [power tong](#) manufactured by industry leaders known for their ability to deliver reliable and technologically advanced oilfield services tools. Casing and tubing tongs have door safety locks and have access to integral backup systems to guarantee optimum connection makeup. Power Tong is widely used for making-up or breaking-out of casings or pipes, it has wholly hydraulic driven, simple structure and safe operation. Besides, it can be used with computer controlling units. Power Tong is an ideal casing handling tool for casing running operation in oilfield.

### General Features



YQ series Power Tongs are semi-automatic hydraulic tools, used for make-up/break-out drilling pipe, tubing and other drilling tools in drilling operation. Suitable for onshore or offshore drilling operations.

### Details

The YQ series power tong were developed to provide the market with more reliable technology and more hoisting performance. The power tong mainly used to make-up/break-out thread of drilling pipe, [drilling collar](#) and other drilling tools. Semi-automatic hydraulic system could increase the efficiency of drilling. Switch gear and clamping device are drove by compressed air. Integrated torque tong and rotatory tong could be easily switched without stop. Included but not limited by the advantages mentioned, YQ series power tong might be your best choice.

## General Features

- Manufactured according to API 7K
- Suitable for onshore or offshore rigs
- Modular design, simple structure, easy to operate and maintenance
- Optional hydraulic jack up cylinder

## Main Parameters

Suitable Diameter: 4-1/2" – 14" ( 114 mm – 355 mm )

Maximum Torque: 2.4 kN.m – 90 kN.m ( 1770 lbf.ft – 66375 lbf.ft )

Maximum Travel Distance: 25.4" ( 645 mm )

## Parameters

Casing Power Tong

YQ-T	YQ-T	YQ-T
178-16A	340-35A	340-50
101.6-178	101.6~340	139.7~340
4~7	4-13~3/8	5-1/2~13-3/8
18	18	17.2
2,610	2,610	2,494
114	114	120
30.1	30.1	31
2.4~3	4.0~5.0	4
1,770~2,200	2,950~3680	2,950
-	-	11
-	-	8,103
15~18	27~30	50
11,060~13,280	19,900~22,120	36,851
54~79	80~100	72.8
27.4	-	-
8.5~12	12~16	5.4
1,500x760x680	1,560x900x850	1,540x892x908
59x30x27	61x35x33.5	60x35x33
570	780	880
1,250	1,720	1,940

Drilling Pipe Power Tong

Model		YQ-Z	YQ-Z	YQ-Z	YQ-Z	YQ-Z	YQ-Z
		203-125	203-100	203-100A	203-100B	162-50	127-25
Size Range	mm	127~203	121~203	121~203	121~203	85~162	65~127
	in	3-1/2 coupling to 8 body	3-1/2 coupling to 8 body	3-1/2 coupling to 8 body	3-1/2 coupling to 8 body	2-3/8 coupling to 5 body	2-3/8 coupling to 3-1/2 body
Max Torque	kN.m	125	100	100	100	50	25
	ft.lbf	92,200	73,750	73,750	73,750	36,880	18,440
High Speed	rpm	40	40	40	40	60	65
Low Speed	rpm	2.7	2.7	2.7	2.7	4.1	10.5
Hydraulic Pressure	MPa	20	16.6	16.6	16.6	16	12
	Psi	2,900	2,400	2,400	2,400	2,320	1,740
Rated Flow of Hydraulic Oil	L/min	114	114	114	114	120	180
	gpm	30	30	30	30	32	48
Stroke of Shift Cylinder	mm	1,500	1,500	1,500	-	1,000	1,000
	in	59	59	59	-	39.4	39.4
Move Distance of Tong	mm	-	-	-	0-1,500	-	-
	in	-	-	-	0-59	-	-
Lift Distance of Tong	mm	-	-	0-485	0-800	-	-
	in	-	-	0-19	0-31.5	-	-
Overall Size	mm	1,720x1,050x1,750	1,700x1,000x1,400	1,700x1,000x1,400	1,750x1,650x2,050	1,570x800x1,190	1,110x790x820
	in	68x41x69	67x39x55	67x39x55	69x65x81	62x31x47	44x31x32
Weight	kg	2,600	2,400	2,500	3,250	1,500	620
	lbs	5,730	5,290	5,510	7,165	3,310	1,360

Tubing Power Tong

Model		YQ-Y	YQ-Y	YQ-Y
		3B/3C	6B	12
Pipe Size	mm	60~89	73~114	60~140
Range	in	2-3/8~3-1/2	2-7/8~4-1/2	2-3/8~5-1/2
Pipe Size	mm	60~144	89~141.5	73~156
Range	in	2-3/8~4-1/2	3-1/2~5-1/8	2-7/8~6-1/8
High Gear	kN.m	1.1	1.5	2.6
Rated Torque	lbf.ft	811	1,106	1,918
Low Gear	kN.m	3	6	13
Rated Torque	lbf.ft	2,213	4,425	9,588
High Gear Rated Speed	rpm	100	85	68
Low Gear Rated Speed	rpm	30	20	13
Rated Operation Pressure	MPa	10	11	12
	Psi	1,450	1,595	1,740
Max. Flow	L/min	80	100	120
	gpm	21	26	32
Overall Dimension	mm	650x430x550	750x500x600	1,042x582x839
	in	25.6x16.9x21.7	29.5x19.7x23.6	41.0x22.9x33.0
Weight (Inclusive of Backup Tong)	kg	158	220	471
	lbs	348	485	1,038