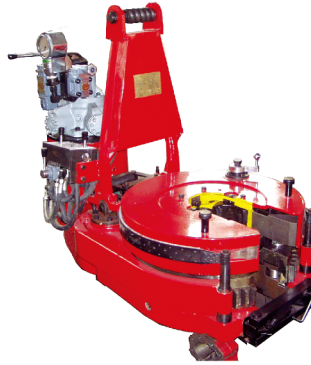


5.4 Drill Pipe Power Tongs

TFI drill pipe power tongs are employed widely in drilling and workover operations. These tongs are designed and manufactured according to API 7K specification.



Model		ZQ127-25	ZQ162-50	ZQ203-100	ZQ203-100 II	ZQ203-100 III	ZQ203-125	ZQ203-125 II	ZQ203-125 III
Pipe Size Range	mm	65 - 127	85 - 162	127 - 203	127 - 203	127 - 203	127 - 203	127 - 203	127 - 203
	in	2-3/8" coupling to 3-1/2" coupling	2-3/8" coupling to 5" coupling	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	3-1/2" coupling to 8" body	3-1/2" coupling to 8" body
Max. Torque	kN.m	25	50	100	100	100	125	125	125
	ft-lbs	18,440	36,880	73,750	73,750	73,750	92,200	92,200	92,200
Speed (High Gear)	rpm	65	60	40	40	40	40	40	40
Speed (Low Gear)	rpm	10.5	4.1	2.7	2.7	2.7	2.7	2.7	2.7
Air Pressure	MPa	0.5 - 1							
	psi	72 - 144							
Rated Hydraulic Pressure	MPa	12	16	16.6	16.6	16.6	20	20	20
	psi	1740	2320	2400	2400	2400	2900	2900	2900
Flow Rate	L/min	120	120	114	114	114	114	114	114
	gpm	31.7	31.7	30	30	30	30	30	30
Stroke of Shifting Cylinder	mm	1000	1000	1500	1500	-	1500	1500	-
	in	39.4	39.4	59	59		59	59	
Moving Distance	mm	-	-	-	-	0 - 2000	-	-	0 - 3000
	in					0 - 78.5			0 - 118
Lifting Distance	mm	-	-	-	0 - 430	0 - 800	-	0 - 430	0 - 800
	in				0 - 17	0 - 31.5		0 - 17	0 - 31.5
Dimension	mm	1110×735×815	1570×800×1370	1760×1000×1630	1760×1000×1630	1760×1650×2050	1785×1080×1360	1785×1080×1630	1785×1740×2050
	in	44×31×32	62×31×41	69×39×53	69×39×64	69×65×81	70×42×53	70×42×64	70×68.5×81
Weight	kg	620	1500	2400	2500	3250	2650	2750	3700
	lbs	1360	3310	5290	5510	7165	5840	6063	8160