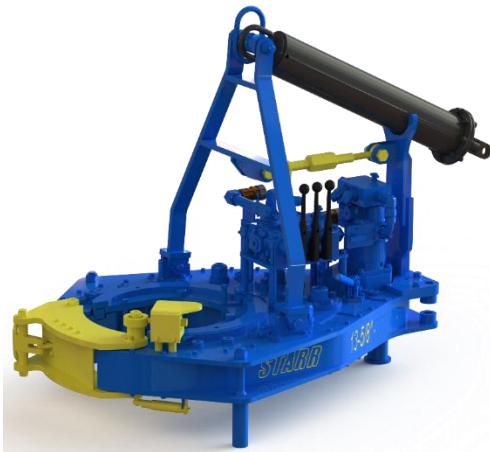




STARR 13-5/8" SPECIFICATIONS

POWER TONGS



TORQUE - Rineer 15IN³

TORQUE - Rineer 21IN³

TORQUE - Rineer 23IN³

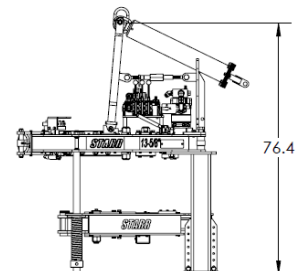
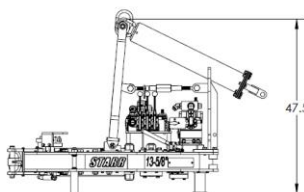
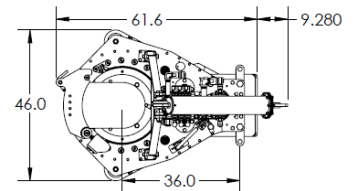
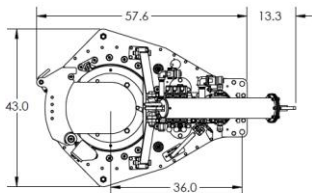
Press.	Speed 1	Speed 2	Speed 3	Speed 4	Press.	Speed 1	Speed 2	Speed 3	Speed 4	Press.	Speed 1	Speed 2	Speed 3	Speed 4
PSI	ft-lb.	ft-lb.	ft-lb.	ft-lb.	PSI	ft-lb.	ft-lb.	ft-lb.	ft-lb.	PSI	ft-lb.	ft-lb.	ft-lb.	ft-lb.
1000	12,059	2,412	6,030	1,206	1000	16,883	3,377	8,441	1,688	1000	18,491	3,698	9,245	1,849
2000	24,118	4,824	12,059	2,412	2000	33,765	6,753	16,883	3,377	2000	36,981	7,396	18,491	3,698
2250	27,133	5,427	13,566	2,713	2250	37,986	7,597	18,993	3,799	2250	-	8,321	20,802	4,160
2500	30,148	6,030	15,074	3,015	2500	-	8,441	21,103	4,221	2500	-	9,245	23,113	4,623
2750	33,162	6,632	16,581	3,316	2750	-	9,285	23,214	4,643	2750	-	10,170	25,425	5,085
3000	36,177	7,235	18,089	3,618	3000	-	10,130	25,324	5,065	3000	-	11,094	27,736	5,547

RPM 2-Speed 15IN³ Motor

RPM 2-Speed 21IN³ Motor

RPM 2-Speed 23IN³ Motor

GPM	Speed 1	Speed 2	Speed 3	Speed 4	GPM	Speed 1	Speed 2	Speed 3	Speed 4	GPM	Speed 1	Speed 2	Speed 3	Speed 4
10	1.6	8	3.2	16	10	1.1	5.7	2.3	11.4	10	1.0	5.2	2.1	10.4
20	3.2	16	6.4	32	20	2.3	11.4	4.6	22.9	20	2.1	10.4	4.2	20.9
40	6.4	32	12.8	64	40	4.6	22.9	9.1	45.7	40	4.2	20.9	8.3	41.7
60	9.6	48	19.2	96	60	6.9	34.3	13.7	68.6	60	6.3	31.3	12.5	62.6



	13 5/8" Tong	13 5/8" Tong w/ Backup
Capacity	5 1/2" - 13 5/8"	5 1/2" - 14 5/8"
Width	43" (109.2 cm)	46" (116.8 cm)
Length	57.6" (146.3 cm)	61.6" (156.5 cm)
Height	47.5" (120.6 cm)	76.4" (190 cm)
Weight	1,675lb (761kg)	3,150lb (1,432kg)
Rated Pressure	3,000 psi; 2,250 psi; 2,000 psi	
Rated Torque	35,000 ft-lb. (47,453 nm)	
Handle Length	36" (91.4 cm)	

TONG JAWS AVAILABLE: 5 1/2" - 13 5/8"
BACKUP JAWS AVAILABLE: 5 1/2" - 14 5/8"
 (Other sizes available upon request)