

Lone Star		C320D-119-168		
Qty of Cwts	Cwt position * on crank arm	ECB, lbs. @168" stroke at position	ECB, lbs. @142" stroke at position	ECB, lbs. @117" stroke, at position
Counterweight No.: 4 (3 bolts)				
cranks only		2,621	3,150	3,897
4	10	4,243	5,035	6,156
4	20	5,865	6,921	8,414
4	30	7,487	8,806	10,672
4	40	9,109	10,692	12,931
4	50	10,731	12,578	15,189
4	60	12,353	14,463	17,447
4	max 68	13,650	15,972	19,254
2	10	3,432	4,092	5,027
2	20	4,243	5,035	6,156
2	30	5,054	5,978	7,285
2	40	5,865	6,921	8,414
2	50	6,676	7,864	9,543
2	60	7,487	8,806	10,672
2	max 68	8,136	9,561	11,576
Counterweight No.: 5 (2 bolts)				
cranks only		2,621	3,150	3,897
4	10	3,998	4,749	5,814
4	20	5,374	6,349	7,730
4	30	6,750	7,949	9,646
4	40	8,126	9,549	11,562
4	50	9,052	11,149	13,478
4	60	10,878	12,749	15,394
4	max 68	11,979	14,029	16,927
2	10	3,310	3,950	4,855
2	20	3,398	4,749	5,814
2	30	4,686	5,549	6,772
2	40	5,374	6,349	7,730
2	50	6,062	7,149	8,688
2	60	6,750	7,949	9,646
2	max 68	7,300	8,589	10,412
Counterweight No.: 6 (2 bolts)				
cranks only		2,621	3,150	5,428
4	10	3,720	4,427	6,958
4	20	4,819	5,705	8,488
4	30	5,918	6,982	10,018
4	40	7,017	8,260	11,548
4	50	8,116	9,538	13,078
4	60	9,215	10,815	14,608
4	max 70.1	10,328	12,109	14,627

2	10	3,171	3,788	4,662
2	20	3,720	4,427	5,428
2	30	4,270	5,066	6,193
2	40	4,819	5,705	6,958
2	50	5,369	6,344	7,723
2	60	5,918	6,982	8,488
2	max 70.1	6,475	7,629	9,262

Counterweight No.: 7 (2 bolts)

cranks only		2,621	3,150	3,897
4	10	3,446	4,108	5,045
4	20	4,270	5,066	6,193
4	30	5,094	6,024	7,340
4	40	5,918	6,982	8,488
4	50	6,742	7,941	9,635
4	60	7,567	8,899	10,783
4	max 73	8,638	10,144	12,275
2	10	3,034	3,629	4,471
2	20	3,446	4,108	5,045
2	30	3,858	4,587	5,619
2	40	4,270	5,066	6,193
2	50	4,682	5,545	6,766
2	60	5,094	6,024	7,340
2	max 73	5,630	6,647	8,086

Counterweight No.: 8 (2 bolts)

cranks only		2,621	3,150	3,897
4	10	3,171	3,788	4,662
4	20	3,720	4,427	5,428
4	30	4,270	5,066	6,193
4	40	4,819	5,705	6,958
4	50	5,369	6,344	7,723
4	60	5,918	6,982	8,488
4	70	6,468	7,621	9,253
4	max 76.5	6,825	8,036	9,750
2	10	2,896	3,469	4,280
2	20	3,171	3,788	4,662
2	30	3,446	4,108	5,045
2	40	3,720	4,427	5,428
2	50	3,995	4,747	5,810
2	60	4,270	5,066	6,193
2	70	4,545	5,385	6,575
2	max 76.5	4,723	5,593	6,824