

Lone Star ALS
Counterweight Position on Crank

Lone Star		C320D-256-120		
Qty of Cwts	Cwt position * on crank arm	ECB, lbs. @120" stroke, at position	ECB, lbs. @102" stroke, at position	ECB, lbs. @84" stroke, at position
Counterweight No.: 4 (3 bolts)		3,247 lbs/ea.		
cranks only		4,670	5,406	6,448
4	10	6,930	8,034	9,595
4	20	9,191	10,661	12,742
4	30	11,451	13,289	15,890
4	40	13,711	15,917	19,037
4	50	15,971	18,544	22,184
4	60	18,231	21,172	25,331
4	max 68	20,040	23,274	27,848
2	10	5,800	6,720	8,022
2	20	6,930	8,034	9,595
2	30	8,060	9,348	11,169
2	40	9,191	10,661	12,742
2	50	10,321	11,975	14,316
2	60	11,451	13,289	15,890
2	max 68	12,355	14,340	17,148
Counterweight No.: 5 (2 bolts)		2,755 lbs/ea.		
cranks only		4,670	5,406	6,448
4	10	6,588	7,636	9,119
4	20	8,506	9,865	11,789
4	30	10,423	12,095	14,459
4	40	12,341	14,324	17,129
4	50	14,259	16,554	19,799
4	60	16,177	18,783	22,470
4	max 68	17,711	20,567	24,606
2	10	5,629	6,521	7,783
2	20	6,588	7,636	9,119
2	30	7,547	8,750	10,454
2	40	8,506	9,865	11,789
2	50	9,464	10,980	13,124
2	60	10,423	12,095	14,459
2	max 68	11,190	12,986	15,527
Counterweight No.: (2) #5 & (2) #6		2,755 lbs/ea. & 2,200 lbs/ea.		
cranks only		4,670	5,406	6,448
4	10	6,395	7,412	8,850
4	20	8,120	9,416	11,251
4	30	9,844	11,421	13,652
4	40	11,569	13,426	16,054
4	50	13,293	15,431	18,455
4	60	15,018	17,436	20,856
4	max 68 & 70.1	16,560	19,229	23,004
2	10	5,533	6,409	7,649

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2	20	6,395	7,412	8,850
2	30	7,257	8,414	10,051
2	40	8,120	9,416	11,251
2	50	8,982	10,419	12,452
2	60	9,844	11,421	13,652
2	max 68 & 70.1	10,615	12,312	14,726
Counterweight No.: 6 (2 bolts) 2,200 lbs/ea.				
cranks only		4,670	5,406	6,448
4	10	6,202	7,187	8,581
4	20	7,733	8,967	10,713
4	30	9,264	10,747	12,845
4	40	10,796	12,528	14,978
4	50	12,327	14,308	17,110
4	60	13,859	16,088	19,242
4	max 70.1	15,409	17,891	21,401
2	10	5,436	6,296	7,514
2	20	6,202	7,187	8,581
2	30	6,967	8,077	9,647
2	40	7,733	8,967	10,713
2	50	8,499	9,857	11,779
2	60	9,264	10,747	12,845
2	max 70.1	10,040	11,637	13,925
Counterweight No.: 7 (2 bolts) 1,653 lbs/ea.				
cranks only		4,670	5,406	6,448
4	10	5,819	6,741	8,048
4	20	6,967	8,077	9,647
4	30	8,116	9,412	11,246
4	40	9,264	10,747	12,845
4	50	10,413	12,083	14,444
4	60	11,561	13,418	16,044
4	max 73	13,055	15,154	18,123
2	10	5,244	6,074	7,248
2	20	5,814	6,741	8,048
2	30	6,393	7,409	8,847
2	40	6,967	8,077	9,647
2	50	7,542	8,744	10,446
2	60	8,116	9,412	11,246
2	max 73	8,862	10,280	12,285
Counterweight No.: 8 (2 bolts) 1,215 lbs/ea.				
cranks only		4,607	5,406	6,448
4	10	5,436	6,296	7,514
4	20	6,202	7,187	8,581
4	30	2,967	8,077	9,647
4	40	7,733	8,967	10,713
4	50	8,499	9,857	11,779

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4	60	9,264	10,747	12,845
4	70	10,030	11,637	13,911
4	max 76.5	10,528	12,216	14,604
2	10	5,053	5,851	6,981
2	20	5,436	6,296	7,514
2	30	5,819	6,741	8,048
2	40	6,202	7,187	8,581
2	50	6,584	7,632	9,114
2	60	6,967	8,077	9,647
2	70	7,350	8,522	10,180
2	max 76.5	7,599	8,811	10,526