

Lone Star ALS
Counterweight position on crank

Lone Star		C456D-365-120		Y-series	
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)		Weight/each: 3,247 lbs			
cranks only		5,496	6,234	7,289	
4	10	7,763	8,869	10,450	
4	20	10,029	11,504	13,610	
4	30	12,925	14,139	16,770	
4	40	14,561	16,774	19,931	
4	50	16,827	19,409	23,091	
4	60	19,093	22,044	26,252	
4	max 68	20,906	24,152	28,780	
2	10	6,629	7,552	8,869	
2	20	7,763	8,869	10,450	
2	30	8,896	10,187	12,030	
2	40	10,029	11,504	13,610	
2	50	11,162	12,822	15,190	
2	60	12,295	14,139	16,770	
2	max 68	13,201	15,193	18,035	
Counterweight No.: 5 (2 bolts)		Weight/each: 2,755 lbs			
cranks only		5,496	6,234	7,289	
4	10	7,419	8,470	9,971	
4	20	9,342	10,706	12,652	
4	30	11,265	12,941	15,334	
4	40	13,187	15,177	18,015	
4	50	15,110	17,413	20,697	
4	60	17,033	19,648	23,379	
4	max 68	18,571	21,437	25,524	
2	10	6,458	7,352	8,630	
2	20	7,419	8,270	9,971	
2	30	8,381	9,588	11,311	
2	40	9,342	10,706	12,652	
2	50	10,303	11,825	13,993	
2	60	11,265	12,941	15,334	
2	max 68	12,034	13,846	16,406	
Counterweight No.: 6 (2 bolts)		Weight/each: 2,200 lbs			
cranks only		5,496	6,234	7,289	
4	10	7,032	8,020	9,430	
4	20	8,567	9,805	11,572	
4	30	10,103	11,590	13,713	
4	40	11,638	13,375	15,855	
4	50	13,174	15,161	17,996	
4	60	14,709	16,946	20,137	

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4	max 70.1	16,264	18,754	22,305
2	10	6,264	7,127	8,360
2	20	7,032	8,020	9,430
2	30	7,800	8,912	10,501
2	40	8,567	9,805	11,572
2	50	9,335	10,697	12,642
2	60	10,103	11,590	13,713
2	max 70.1	10,880	12,494	14,797
Counterweight No.: 7 (2 bolts) Weight/each: 1,653 lbs				
cranks only		5,496	6,234	7,289
4	10	6,648	7,573	8,895
4	20	7,800	8,912	10,501
4	30	8,951	10,251	12,107
4	40	10,103	11,590	13,713
4	50	11,254	12,929	15,319
4	60	12,406	14,268	16,925
4	max 73	13,903	16,009	19,013
2	10	6,072	6,904	8,092
2	20	6,648	7,573	8,895
2	30	7,224	8,243	9,698
2	40	7,800	8,912	10,501
2	50	8,375	9,582	11,304
2	60	8,951	10,251	12,107
2	max 73	9,700	11,121	13,151
Counterweight No.: 8 (2 bolts) Weight/each: 3,247 lbs				
cranks only		5,496	6,234	7,289
4	10	6,264	7,127	8,360
4	20	7,032	8,020	9,430
4	30	7,800	8,912	10,501
4	40	8,567	9,805	11,572
4	50	9,335	10,697	12,642
4	60	10,103	11,590	13,713
4	70	10,870	12,483	14,784
4	max 76.5	11,369	12,063	15,480
2	10	5,880	6,681	7,824
2	20	6,264	7,127	8,360
2	30	6,648	7,573	8,895
2	40	7,032	8,020	9,430
2	50	7,416	8,466	9,966
2	60	7,800	8,912	10,501
2	70	8,183	9,359	11,036
2	max 76.5	8,433	9,649	11,384