

Lone Star ALS
Counterweight Position on Crank

Lone Star		C640D-365-168		Y-series	
Qty of Cwts	Cwt position * on crank arm	ECB, lbs. @168" stroke, at position	ECB, lbs. @144" stroke, at position	ECB, lbs. @121" stroke, at position	
Counterweight No.: 2 (3 bolts)		Weight/each: 4,211 lbs			
cranks only		5,898	6,661	7,733	
4	10	8,043	9,106	10,598	
4	20	10,188	11,550	13,464	
4	30	12,333	13,995	16,329	
4	40	14,478	16,440	19,195	
4	50	16,622	18,885	22,060	
4	60	18,767	21,330	24,925	
4	70	20,912	23,775	27,791	
4	max 80.5	23,164	26,342	30,799	
2	10	6,970	7,883	9,116	
2	20	8,043	9,106	10,598	
2	30	9,115	10,328	12,031	
2	40	10,188	11,550	13,464	
2	50	11,260	12,773	14,896	
2	60	12,333	13,995	16,329	
2	70	13,405	15,218	17,762	
2	max 80.5	14,531	16,501	19,266	
Counterweight No.: 3 (3 bolts)		Weight/each: 3,582 lbs			
cranks only		5,898	6,661	7,733	
4	10	7,722	8,740	10,170	
4	20	9,547	10,820	12,608	
4	30	11,371	12,900	15,045	
4	40	13,196	14,980	17,483	
4	50	15,020	17,059	19,920	
4	60	16,845	19,139	22,357	
4	70	18,669	21,219	24,795	
4	80	20,494	23,298	27,232	
4	max 83.5	21,133	24,026	28,085	
2	10	6,810	7,701	8,952	
2	20	7,722	8,740	10,170	
2	30	8,635	9,780	11,389	
2	40	9,547	10,820	12,608	
2	50	10,459	11,860	13,826	
2	60	11,371	12,900	15,045	
2	70	12,284	13,940	16,264	
2	80	13,196	14,980	17,483	
2	max 83.5	13,515	15,343	17,909	
Counterweight No.: 4 (3 bolts)		Weight/each: 3,247 lbs			
cranks only		5,898	6,661	7,733	
4	10	7,552	8,546	9,942	

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4	20	9,206	10,431	12,152
4	30	10,860	12,316	14,361
4	40	12,513	14,202	16,571
4	50	14,167	16,087	18,780
4	60	15,821	17,972	20,990
4	70	17,475	19,857	23,199
4	80	19,129	21,743	25,408
4	max 83.5	19,708	22,402	16,182
2	10	6,725	7,603	8,838
2	20	7,552	8,546	9,942
2	30	8,379	9,488	11,047
2	40	9,206	10,431	12,152
2	50	10,003	11,374	13,257
2	60	10,860	12,316	14,361
2	70	11,687	13,259	15,466
2	80	12,513	14,202	16,571
2	max 83.5	12,803	14,531	16,957
Counterweight No.: 5 (2 bolts) Weight/each: 2,755 lbs				
cranks only		5,898	6,661	7,733
4	10	7,301	8,260	9,608
4	20	8,704	9,860	11,482
4	30	10,108	11,459	13,357
4	40	11,511	13,059	15,232
4	50	12,914	14,658	17,106
4	60	14,318	16,258	18,981
4	70	15,721	17,858	20,856
4	80	17,124	19,457	22,730
4	max 83.5	17,615	8,080	23,386
2	10	6,600	7,460	8,670
2	20	7,301	8,260	9,608
2	30	8,003	9,060	10,545
2	40	8,704	9,860	11,482
2	50	9,406	10,660	12,420
2	60	10,108	11,459	13,357
2	70	10,809	12,259	14,294
2	80	11,511	13,059	15,232
2	max 83.5	11,757	13,339	15,560
Counterweight No.: 6 (2 bolts) Weight/each: 2,200 lbs				
cranks only		5,898	6,661	7,733
4	10	7,019	7,938	9,230
4	20	8,139	9,215	10,717
4	30	9,260	10,493	12,224
4	40	10,380	11,770	13,721
4	50	11,501	13,047	15,218

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4	60	12,621	14,325	16,715
4	70	13,742	15,602	18,212
4	80	14,863	16,879	19,709
4	max 85.6	15,493	17,598	20,551
2	10	6,458	7,299	8,481
2	20	7,019	7,938	9,230
2	30	7,579	8,577	9,978
2	40	8,139	9,217	10,272
2	50	8,699	9,854	11,475
2	60	9,260	10,493	12,224
2	70	9,820	11,131	12,972
2	80	10,380	11,770	13,721
2	max 85.6	10,695	12,129	14,142
Counterweight No.: 7 (2 bolts) Weight/each: 1,653 lbs				
cranks only		5,898	6,661	7,733
4	10	6,738	7,619	8,856
4	20	7,579	8,577	9,978
4	30	8,419	9,535	1,101
4	40	9,260	10,493	12,224
4	50	10,100	11,451	13,347
4	60	10,941	12,409	14,469
4	70	11,781	13,367	15,592
4	80	12,621	14,325	16,715
4	max 88.5	13,336	15,139	17,669
2	10	6,318	7,140	8,294
2	20	6,738	7,619	8,856
2	30	7,159	8,098	9,417
2	40	7,579	8,577	9,978
2	50	7,999	9,056	10,540
2	60	8,419	9,535	11,101
2	70	8,839	10,014	11,663
2	80	9,260	10,493	12,224
2	max 88.5	9,617	10,900	12,701
Counterweight No.: 8 (2 bolts) Weight/each: 1,215 lbs				
cranks only		5,898	6,661	7,733
4	10	6,458	7,299	8,481
4	20	7,019	7,938	9,230
4	30	7,579	8,577	9,978
4	40	8,139	9,215	10,727
4	50	8,699	9,854	11,475
4	60	9,260	10,493	12,224
4	70	9,820	11,131	12,972
4	80	10,380	11,770	13,721
4	max 92	11,033	12,536	14,619

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2	10	6,178	6,980	8,107
2	20	6,458	7,229	8,481
2	30	6,738	7,619	8,856
2	40	7,019	7,938	9,230
2	50	7,299	8,257	9,604
2	60	7,579	8,677	9,978
2	70	7,859	8,896	10,353
2	80	8,139	9,215	10,727
2	max 92	8,475	9,599	11,176