

Lone Star		C456D-256-120		Y-series	
Qty of Cwts	Cwt position * on crank arm	ECB, lbs. 120 at position	ECB, lbs. 102 at position	ECB, lbs. 84 at position	
Counterweight No.: 4 (3 bolts)		Cwt Dead wt.: 3,247 lbs			
cranks only		4,667	5,404	6,446	
4	10	6,926	8,030	9,592	
4	20	9,185	10,657	12,738	
4	30	11,443	13,283	15,884	
4	40	13,702	15,910	19,030	
4	50	15,961	18,536	22,176	
4	60	18,220	21,163	25,322	
4	max 68	20,027	23,264	27,839	
2	10	5,796	6,717	8,019	
2	20	6,926	8,030	9,592	
2	30	8,055	9,343	11,165	
2	40	9,185	10,657	12,738	
2	50	10,314	11,970	14,311	
2	60	11,443	13,283	15,884	
2	max 68	12,347	14,334	17,142	
Counterweight No.: 5 (2 bolts)		Cwt Dead wt.: 2,755 lbs			
cranks only		4,667	5,404	6,446	
4	10	6,584	7,632	9,115	
4	20	8,500	9,861	11,785	
4	30	10,417	12,089	14,454	
4	40	12,333	14,318	17,123	
4	50	14,250	16,546	19,793	
4	60	16,166	18,775	22,462	
4	max 68	17,699	20,558	24,597	
2	10	5,625	6,518	7,781	
2	20	6,584	7,632	9,115	
2	30	7,542	8,746	10,450	
2	40	8,500	9,861	11,785	
2	50	9,458	10,975	13,119	
2	60	10,417	12,089	14,454	
2	max 68	11,183	12,981	15,522	
Counterweight No.: 6 (2 bolts)		Cwt Dead wt.: 2,200 lbs			
cranks only		4,667	5,404	6,446	
4	10	6,198	7,183	8,578	
4	20	7,728	8,963	10,709	
4	30	9,258	10,742	12,841	
4	40	10,789	12,522	14,972	
4	50	12,319	14,301	17,104	
4	60	13,850	16,081	19,235	
4	max 70.1	15,399	17,883	21,394	
2	10	5,432	6,293	7,512	

2	20	6,198	7,183	8,578
2	30	6,963	8,073	9,643
2	40	7,728	8,963	10,709
2	50	8,493	9,853	11,775
2	60	9,258	10,742	12,841
2	max 73	10,033	11,643	13,920
Counterweight No.: 7 (2 bolts) Cwt Dead wt.: 1,653 lbs				
cranks only		4,667	5,404	6,446
4	10	5,815	6,738	8,045
4	20	6,963	8,073	9,643
4	30	8,111	9,408	11,242
4	40	9,258	10,742	12,841
4	50	10,406	12,077	14,439
4	60	11,554	13,412	16,038
4	max 73	13,046	15,147	18,116
2	10	5,241	6,071	7,245
2	20	5,815	6,738	8,045
2	30	6,389	7,406	8,844
2	40	6,963	8,073	9,643
2	50	7,537	8,740	10,443
2	60	8,111	9,408	11,242
2	max 73	8,857	10,275	12,281
Counterweight No.: 8 (2 bolts) Cwt Dead wt.: 1,215 lbs				
cranks only		4,667	5,404	6,446
4	10	5,432	6,293	7,512
4	20	6,198	7,183	8,578
4	30	6,963	8,073	9,643
4	40	7,728	8,963	10,709
4	50	8,493	9,853	11,775
4	60	9,258	10,742	12,841
4	70	10,024	11,632	13,907
4	max 76.5	10,521	12,210	14,599
2	10	5,050	5,849	6,979
2	20	5,432	6,293	7,512
2	30	5,815	6,738	8,045
2	40	6,198	7,183	8,578
2	50	6,580	7,628	9,111
2	60	6,963	8,073	9,643
2	70	7,345	8,518	10,176
2	max 76.5	7,594	8,807	10,523