

<b>Lone Star</b>		<b>C228D-213-120</b>		
<b>Qty of Cwts</b>	<b>Cwt position * on crank arm</b>	<b>ECB, lbs. @120" stroke, at position</b>	<b>ECB, lbs. @102" stroke, at position</b>	<b>ECB, lbs. @84" stroke, at position</b>
<b>Counterweight No.: 5 (2 bolts)</b>				
cranks only		4,747	5,484	6,526
4	10	6,664	7,712	9,195
4	20	8,580	9,941	11,865
4	30	10,497	12,169	14,534
4	40	12,413	14,398	17,203
4	50	14,330	16,626	19,873
4	60	16,246	18,855	22,542
4	max 68	17,779	20,638	24,677
2	10	5,705	6,598	7,861
2	20	6,664	7,712	9,195
2	30	7,622	8,826	10,530
2	40	8,580	9,941	11,865
2	50	9,538	11,055	13,199
2	60	10,497	12,169	14,534
2	max 68	11,263	13,061	15,602
<b>Counterweight No.: 6 (2 bolts)</b>				
cranks only		4,747	5,484	6,526
4	10	6,278	7,263	8,658
4	20	7,808	9,043	10,789
4	30	9,338	10,822	12,921
4	40	10,869	12,602	15,052
4	50	12,399	14,381	17,184
4	60	13,930	16,161	19,315
4	max 70.1	15,479	17,963	21,474
2	10	5,512	6,373	7,592
2	20	6,278	7,263	8,658
2	30	7,043	8,153	9,723
2	40	7,808	9,043	10,789
2	50	8,573	9,933	11,855
2	60	9,338	10,822	12,921
2	max 70.1	10,113	11,723	14,000
<b>Counterweight No.: 7 (2 bolts)</b>				
cranks only		4,747	5,484	6,526
4	10	5,895	6,818	8,125
4	20	7,043	8,153	9,723
4	30	8,191	9,488	11,322
4	40	9,338	10,822	12,921
4	50	10,486	12,157	14,519
4	60	11,634	13,492	16,118
4	max 73	13,126	15,227	18,196

2	10	5,321	6,151	7,325
2	20	5,895	6,818	8,125
2	30	6,469	7,486	8,924
2	40	7,043	8,153	9,723
2	50	7,617	8,820	10,523
2	60	8,191	9,488	11,322
2	max 73	8,937	10,355	12,361
<b>Counterweight No.: 8 (2 bolts)</b>				
cranks only		4,747	5,484	6,526
4	10	5,512	6,373	7,592
4	20	6,278	7,263	8,658
4	30	7,043	8,153	9,723
4	40	7,808	9,043	10,789
4	50	8,573	9,933	11,855
4	60	9,338	10,822	12,921
4	70	10,104	11,712	13,987
4	max 76.5	10,601	12,290	14,679
2	10	5,130	5,929	7,059
2	20	5,512	6,373	7,592
2	30	5,895	6,818	8,125
2	40	6,278	7,263	8,658
2	50	6,660	7,708	9,191
2	60	7,043	8,153	9,723
2	70	7,425	8,598	10,356
2	max 76.5	7,674	8,887	10,603