

Lone Star		C320D-213-144		
Qty of Cwts	Cwt position * on crank arm	ECB, lbs. @144" stroke at position	ECB, lbs. @122" stroke at position	ECB, lbs. @101" stroke, at position
Counterweight No.: 4 (3 bolts)				
cranks only		3,192	3,807	4,676
4	10	5,062	5,983	7,286
4	20	6,932	8,159	9,895
4	30	8,801	10,336	12,504
4	40	10,671	12,512	15,114
4	50	12,540	14,688	17,723
4	60	14,410	16,864	20,332
4	max 68	15,906	18,605	22,420
2	10	4,127	4,895	5,981
2	20	5,062	5,983	7,286
2	30	5,997	7,071	8,590
2	40	6,932	8,159	9,895
2	50	7,866	9,247	11,200
2	60	8,801	10,366	12,504
2	max 68	9,549	11,206	13,548
Counterweight No.: 5 (2 bolts)				
cranks only		3,192	3,807	4,676
4	10	4,779	5,653	6,890
4	20	6,365	7,500	9,104
4	30	7,951	9,346	11,318
4	40	9,538	11,193	13,532
4	50	11,124	13,039	15,746
4	60	12,710	14,886	17,960
4	max 68	13,979	16,363	19,731
2	10	3,985	4,730	5,783
2	20	4,779	5,653	6,890
2	30	5,572	6,577	7,997
2	40	6,365	7,500	9,104
2	50	7,158	8,423	10,211
2	60	7,951	9,346	11,318
2	max 68	8,586	10,085	12,204
Counterweight No.: 6 (2 bolts)				
cranks only		3,192	3,807	4,676
4	10	4,459	5,281	6,444
4	20	5,726	6,756	8,212
4	30	6,993	8,230	9,980
4	40	8,259	9,705	11,748
4	50	9,526	11,179	13,516
4	60	10,793	12,654	16,284
4	max 70.1	12,075	14,147	17,074

2	10	3,826	4,544	5,560
2	20	4,459	5,281	6,444
2	30	5,092	6,019	7,328
2	40	5,726	6,756	8,212
2	50	6,359	7,493	9,096
2	60	6,993	8,230	9,980
2	max 70.1	7,634	8,977	10,875

Counterweight No.: 7 (2 bolts)

cranks only		3,192	3,807	4,676
4	10	4,142	4,913	6,002
4	20	5,092	6,019	7,328
4	30	6,043	7,124	8,654
4	40	6,993	8,230	9,980
4	50	7,943	9,336	11,306
4	60	8,893	10,442	12,632
4	max 73	10,128	11,880	14,356
2	10	3,667	4,360	5,449
2	20	4,142	7,913	6,002
2	30	4,617	5,466	6,665
2	40	5,092	6,019	7,328
2	50	5,567	6,572	7,991
2	60	6,043	7,124	8,654
2	max 73	6,660	7,843	9,516

Counterweight No.: 8 (2 bolts)

cranks only		3,192	3,807	4,676
4	10	3,826	4,544	5,560
4	20	4,459	5,281	6,444
4	30	5,092	6,019	7,328
4	40	5,726	6,756	8,212
4	50	6,359	7,493	9,096
4	60	6,993	8,230	9,980
4	70	7,626	8,968	10,864
4	max 76.5	8,038	9,447	11,439
2	10	3,509	4,175	5,118
2	20	3,826	4,544	5,560
2	30	4,142	4,913	6,002
2	40	4,459	5,281	6,444
2	50	4,776	5,650	6,886
2	60	5,092	6,019	7,328
2	70	5,409	6,387	7,770
2	max 76.5	5,615	6,627	8,057